

Monthly Index *of* Russian Accessions



Volume 22, No. 4

April 1969

THE LIBRARY OF CONGRESS
WASHINGTON : 1969

SEP 22 1969 / 1 PETER

CARNEGIE LIBRARY OF PITTSBURGH

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Bulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 22 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$28.00 a year domestic, \$5.75 a year additional for foreign mailing.

L. C. card, 48-46562

* Volumes 1-10 (No. 9), 1948-1967, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 22, NO. 4

APRIL 1969

TABLE OF CONTENTS

Guide to Subject Classifications.....	ix
Subject Classes Arranged Alphabetically.....	xx
Part A—Monographic Works	777
Part B—Periodicals	
1. General	
a. Scholarly journals.....	822
b. Popular magazines.....	826
2. Bibliography	
a. Bibliography.....	827
b. Libraries & library science.....	828
c. Printing & the book trade.....	828
3. Philosophy & Religion	
a. Philosophy.....	828
b. Religion.....	828
4. History	
a. General.....	829
b. Archaeology & antiquities.....	830
5. Social Sciences	
a. Commerce.....	830
b. Economics.....	831
c. Finance.....	832
d. Labor.....	832
e. Sociology.....	833
6. Political Science.....	833
7. Law.....	835
8. Education	
a. General.....	835
b. Physical education & games.....	836
9. Music, Theater & Motion Pictures	
a. Motion pictures.....	836
b. Music.....	836
c. Theater.....	836
10. Fine Arts	
a. General.....	836
b. Architecture.....	837
11. Language, Literature & Folklore	
a. Language.....	837
b. Literature & folklore.....	838
12. Geography & Geology	
a. Ethnology.....	839
b. Geography.....	840
c. Geology & paleontology.....	

18. Science	Page
<i>a.</i> General.....	841
<i>b.</i> Astronomy.....	843
<i>c.</i> Biology.....	844
<i>d.</i> Chemistry.....	848
<i>e.</i> Mathematics.....	855
<i>f.</i> Physics.....	860
14. Medicine	
<i>a.</i> General.....	801
<i>b.</i> Gynecology, obstetrics & pediatrics.....	800
<i>c.</i> Neurology & psychiatry.....	800
<i>d.</i> Ophthalmology & otorhinolaryngology.....	807
<i>e.</i> Pathology & therapeutics.....	807
<i>f.</i> Pharmacy & materia medica.....	808
<i>g.</i> Public health & nursing.....	870
<i>h.</i> Surgery & dentistry.....	870
<i>i.</i> Venereology & dermatology.....	
15. Agriculture	
<i>a.</i> General.....	874
<i>b.</i> Animal industry.....	870
<i>c.</i> Forestry.....	877
<i>d.</i> Plant culture.....	878
16. Technology	
<i>a.</i> General.....	878
<i>b.</i> Aeronautics.....	880
<i>c.</i> Chemical technology.....	881
<i>d.</i> Civil & construction engineering.....	883
<i>e.</i> Electrical engineering.....	887
<i>f.</i> Industries & trades.....	891
<i>g.</i> Mechanical engineering.....	893
<i>h.</i> Mining & metallurgy.....	897
17. Military & Naval Sciences	
<i>a.</i> Military science.....	908
<i>b.</i> Naval science.....	904
Part C—List of Periodicals Indexed and Abbreviations Used.....	905
Subject Index to Monographs and Periodicals.....	912
Part D—Books on Russia and the Soviet Union, or by Russian and Soviet authors, recently cataloged by the Library of Congress	
In English.....	1005
In other Western European languages.....	1007

0. GENERALITIES

00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE
[I want to know everything] *Khochi vse znat'* [Leningrad, "Det. izd.," 1967]. 336 p.

Korotkova, O. P. [Principles of science. (Problems of the correlation between animals and humanlike systems). *Priklady teoreticheskoi i prakticheskoi nauki* (K voprosu o sotsialno-ekonomicheskikh i sotsialnykh sistemakh). Leningrad, Izd. Leningr. na-ka, 1968. 162 p.

00(72)—United States of America
Mironov, A. A. [Organization of science and scientific studies in the U.S.A.] *Organizatsiya nauki i nauchnykh issledovaniy v SShA*. Moscow, "Znanie," 1968. 62 p.

001 Documentation and information retrieval. Publications
Chelchinskii, A. G., and K. P. Mikhaylov. [Role of international organizations in the development of scientific information] *Rol' mezhdunarodnykh organizatsiy v razvitiy nauchnoi informatsii*. Moscow, 1968. 24 p.

Kurshakov, Khabibula Ivanovich. [Coding information retrieval in an automatic dictionary] *Kodirovaniye i poisk informatsii v avtomaticheskoi slovarne*. Moscow, "Sov. radio," 1968. 248 p.

Mikhailov, A. I., A. I. Chernyi, and R. G. Gikharovskii. [Theoretical principles of information] *Osnovy informatsii, 3-e, pererabot. i dop. izd.* Moscow, "Mashin," 1968. 746 p.

01 Bibliography
[Union catalog of foreign scientific periodicals received by the libraries of the U.S.S.R. Natural sciences, Medicine, Agriculture, Technology] *Soyuznyi katalog inostrannykh nauchnykh zhurnalov, postopyayushch v biblioteki SSSR. Prirodnyye nauki, Meditsina, Sel'skoye khozyaystvo, Tekhnika*. 1968. Moscow, "Kniga," 1968. 248 p.

01.0 Bibliographies on generalities (knowledge and culture, bibliography, literature, organization, etc.)
Abramitskii, A. Z. [Georgian periodicals. (Annotated catalog of Georgian periodicals (1818-1917) in the collection of the Public Library "M. K. Bakhtadze-Shchedrin") *Georgiyskiye periodika*. (Annot. katalog gruz. periodiki (1818-1917), khranivshchaya v GPD im. M. K. Bakhtadze-Shchedrina). Tbilisi, [Izd. Tbil. un-ta], 1968. 243 p.

01.1 Bibliographies on philosophy
[Secrets of the human mind. Review of recommended literature] *Tayny chelovecheskoi psikhiki. Rekomendatsionnyi obzor literatury*. Moscow, "Kniga," 1967. 18 p. (Movo v nauke i tekhnika. Vyp. 17).

01.2 Bibliographies on social sciences, law, military and naval sciences, education
[White Russian folklore, 1934-1963. A brief bibliographical reference book] *Belarusskii folklor, 1934-1963. Kratkiy bibliograficheskiy dnevnik*. Minsk, 1964. 130 p. (MFI)

01.3 Bibliographies on mathematics and natural sciences
[Bibliography of Soviet literature on the use of Fourier-series analysis in biology, medicine, and agriculture] *Bibliografiya ochevrednoy literatury po primeneniyu funktsionnogo analiza v biologii, meditsine i sel'skom khozyaystve*. Pod red. I. A. Rukhmanova. Dnepropetrovsk, 1963. 179 p. (DNTS)

[Modern genetics. Review of recommended literature] *Sovremennaya genetika. Rekomendatsionnyi obzor literatury*. Moscow, "Kniga," 1967. 30 p. (Movo v nauke i tekhnika. Vyp. 18).

[Origins of man, life of the human organism. An index of popular science literature] *Proiskhozhdeniye cheloveka. Zhizn' chelovecheskogo organizma. Ukazatel' nauchno-populynoi literatury*. Moscow, "Kniga," 1967. 37 p.

01.4 Bibliographies on applied sciences, medicine, technology
[Construction of power distribution networks in the U.S.S.R. Associated bibliography index for 1966] *Stroitel'stvo elektrosnetykh v SSSR. Asots. bibliogr. ukazatel' za 1966 g.* Moscow, 1966. 118 p.

[Heat treatment of large-size parts with a large diameter. Subject index to Soviet literature for 1963-July 1967] *Termicheskaya obrabotka krupnougubnykh detal' bol'shogo diametra. Temat. ukazatel' ochevred. literatury za 1963 - Iul' 1967 gg.* Moscow, 1967. 20 p.

Polak, E. V. [Bibliographies of foreign bibliographies on technology, 1946-1966] *Bibliografiya inostrannykh bibliografiy po tekhnike, 1946-1966*. Moscow, "Kniga," 1966. 330 p.

[Improving the fertility of soils. Bibliography of Soviet and foreign literature for 1966] *Povysheniye plodovosti pochv. Bibliogr. ukazatel' ochevred. i inostr. literatury za 1966 g.* Moscow, 1967. 71 p.

[Non-ferrous membranes, their properties and application. Bibliography for 1964-1966] *Nemetskiye membrany, ikh svoystva i primeneniye. Bibliografiya 1964-1966*. Novosibirsk, 1967. 240 p.

Mal'tsev, O. Y. [G. A. Allier. Bibliography] *G. A. Allier. Bibliografiya*. Baku, Izd. AN Azerb. 1964. 80 p.

[Strength, durability and reliability of mining equipment. Bibliography of Russian and foreign literature] *Prochnost', dolgovetnost' i naednost' gornogo oborudovaniya. Bibliogr. ukazatel' ochevred. i inostr. literatury*. Moscow, 1967. 73 p.

Yakovlev, G. P. [Increasing the efficiency in the use of freight cars. Bibliography of literature for 1964-1966] *Povysheniye effektivnosti ispol'zovaniya gruzovykh vagonov. Bibliogr. ukazatel' ochevred. literatury 1964-1966 gg.* Moscow, "Transport," 1968. 71 p.

01.7 Bibliographies on the arts, entertainment, sport
[United Jewish Library. Moscow. (Bibliography of bulletins of the Bulletin. (1944-1966)) *Bibliografiya izvestii biblioteki*. (1944-1966 gg.) Moscow, 1967. 179 p.

01.8 Bibliographies on literature
[Bibliography of F. M. Dostoevsky's works and the literature on him, 1917-1965] *F. M. Dostoevskii. Bibliogr. proizvedeniy F. M. Dostoevskogo i literatury o nem, 1917-1965*. Moscow, "Kniga," 1966. 407 p.

01.9 Bibliographies on history, geography
[The October Revolution and the revolutionary movement in Central and Southeastern Europe. (1917-1923). Index of literature, 1944-1964] *Oktyabr' i revolyutsionnoye dvizheniye v srediakh Tsentral'noi i Yugo-Vostochnoy Evropy. (1917-1923 gg.). Ukazatel' literatury, 1944-1964*. Moscow, "Mashin," 1966. 330 p.

01.7 Catalogs
Abramitskii, A. Z. [Georgian periodicals. (Annotated catalog of Georgian periodicals (1818-1917) in the collection of the Public Library "M. K. Bakhtadze-Shchedrin") *Georgiyskiye periodika*. (Annot. katalog gruz. periodiki (1818-1917), khranivshchaya v GPD im. M. K. Bakhtadze-Shchedrina). Tbilisi, [Izd. Tbil. un-ta], 1968. 243 p.

02 Libraries. Librarianship
Baboy, A. P. [Libraries and the propagation of scientific literature] *Biblioteki i rasprostraneniye nauchnoy literatury*. [Moscow], Prosvet, 1963. 84 p. (MFI) (MFI)

[Services for specialists by general scientific libraries. An instructional and methodological letter based on reports on the work of the state libraries in the Union republics and in the provinces, territories, and autonomous republics (A. S. R.) of the Russian Federation] *Obozhasheniye spetsial'nykh universal'nykh nauchnykh bibliotek. Instruktsionno-metod. pis'mo po sluzhbenim obshchey i resp. b-k sootvetnykh respublik, obl., kraev. i resp. (ASRF) b-k Ruz. Federatsii*. Moscow, 1967. 113 p.

02(74)—Kazakh S. S. R.
Mansurov, K. M., and P. I. Kozlov. [Libraries and their influence on the people's universities of culture] *Biblioteki v pomoshch' narodnykh universitetam kul'tury. Alma-Ata, 1964. 102 p.* (OZ-12)

02(74.3)—Tajik S. S. R.
[Libraries of Tajikistan. From their work experience] *Biblioteki Tadzhikistana. Iz opyta raboty. Dushanbe, (Tajik), 1964. 32 p.* [In Tajik and Russian] (MFI)

028 Reading. Africa for readers
[Soviet readers. A concrete sociological study] *Sovetskii chitatel'. Opyt konkretno-sotsial. issledovaniya*. Moscow, "Kniga," 1968. 243 p.

03 Encyclopedias. Dictionaries. Reference books
Agulian, T. L. [French-Russian and Russian-French dictionary of oil-field terminology for schools of higher education not specializing in foreign languages] *Frantsuzsko-russkii i russko-frantsuzskii terminologicheskii slovar' po neftepromyshlennomu delu dlya vuzovskoykh kursov*. Moscow, "Vyssh. shkola," 1968. 230 p.

Byromov, Y., and V. Galikha. [Russian-Lithuanian dictionary] *Russko-litovskii slovar'*. Vilnius, "Mintis," 1967. 2 v.

[Dictionary of Arabic and Persian words. (For reading classical Azerbaijani literature)] *Slovar' arabicheskikh i persicheskikh slov. (Dlya orientatsii klassich. azerbaidzh. literatury)*. Baku, Izd. AN Azerb. 1967. 3026 p.

[Encyclopedic dictionary of geographic terms] *Kratiyatsionno-pedagogicheskii slovar' geograficheskikh terminov. Obsh. red. S. V. Kalashnik*. Moscow, "Sov. entsiklopediya," 1968. 437 p.

Quashina, K. A., comp. [French-Russian dictionary] *Frantsuzsko-russkii slovar'*. 4-e stereotipirov. Moscow, Gos. izd-vo biofiz. i matematichesk. slovarov, 1960. 903 p.

[German-Russian dictionary. 80,000 words] *Nemetsko-russkii slovar'*. 80 000 slov. Pod red. A. A. Lapina i M. P. Stukhovich. 1-e, 3-e, stereotip. Moscow, "Sov. entsiklopediya," 1968. 904 p.

Klepa, I. D. [Chinese-Russian military and technological dictionary] *Khinko-russkii voennyi i tekhnicheskii slovar'*. Moscow, Voenizdat, 1966. 688 p.

[Romanian-Tajik dictionary. Approximately 22,500 words] *Rumyno-tajikskii slovar'*. Okolo 22 500 slov. Pod red. P. S. Afanas'eva i L. M. Skurikova. Moscow, "Sov. entsiklopediya," 1968. 720 p.

Bergert, A. S. [Danish-Russian military dictionary] *Dansk-russkii voennyi slovar'*. Moscow, Voenizdat, 1968. 338 p.

Tarabin, P. M., comp. [Russian-French aeronautical dictionary. About 30,000 terms] *Russko-frantsuzskii aviatsovo-tekhnicheskii slovar'*. Okolo 30 000 terminov. Pod red. M. K. Trusakov. Moscow, "Sov. entsiklopediya," 1968. 634 p.

[Tovian-Russian dictionary. Approximately 12,000 words] *Toviansko-russkii slovar'*. Okolo 12 000 slov. Pod red. E. R. Tsvetkova. Moscow, "Sov. entsiklopediya," 1968. 646 p.

05 Periodicals. Reviews
[Union catalog of foreign scientific periodicals received by the libraries of the U.S.S.R. Natural sciences, Medicine, Agriculture, Technology] *Soyuznyi katalog inostrannykh nauchnykh zhurnalov, postopyayushch v biblioteki SSSR. Prirodnyye nauki, Meditsina, Sel'skoye khozyaystvo, Tekhnika*. 1968. Moscow, "Kniga," 1968. 248 p.

05(79.22)—Georgian S. S. R.
Abramitskii, A. Z. [Georgian periodicals. (Annotated catalog of Georgian periodicals (1818-1917) in the collection of the Public Library "M. K. Bakhtadze-Shchedrin") *Georgiyskiye periodika*. (Annot. katalog gruz. periodiki (1818-1917), khranivshchaya v GPD im. M. K. Bakhtadze-Shchedrina). Tbilisi, [Izd. Tbil. un-ta], 1968. 243 p.

Myrskov, V. P. [Training in the spirit of communist morality]. Vospitanie v duhe kommunisticheskoi moral'. Moskva, Polizdat, 1968. 64 p.

18.01 Aesthetics and taste
[Aesthetics today. (Current problems)] Estetika segodnya. (Aktual'nye problemy). Sbornik statei, Moskva, "Iskusstvo," 1968. 304 p.
[The culture of senses] Kul'tura chuvstv [Moskva, "Iskusstvo," 1968] 254 p.
[Program for a course "Basic principles of Marxist-Leninist aesthetics." For schools of higher education] Program kursa "Osnovy marksistско-leninskoi estetiki." Dlia vyssh. ucheb. zavvedeni. (32 chasa). Moskva, "Mysl'," 1967. 23 p.
[Studies in aesthetics] Esteticheskie issledovaniia. "Mysl'." Vyp. 2. 1967. 483 p.

18.01(4/9, 104)—Capitalist countries of the world
[Criticism of contemporary bourgeois aesthetics] Kritika sovremennoi burzhuaznoi estetiki. Pod red. M. P. Ovsiankina. Moskva, Izd. Mosk. un-ta, 1968. 118 p.

18.01(479)—Communism and Transcendentalism
Apostrophe, G. Z. [Aesthetics ideas of the peoples of Transcaucasia. Pre-Marxist period] Esteticheskie mysl' narodov Zakavkaz'ia. Doremarkistskii period. Moskva, "Iskusstvo," 1968. 336 p.

19 History of philosophy
[History of philosophy in the U.S.S.R. in five volumes] Istoriia filozofii v SSSR. V 5-ti t. Moskva, "Mysl'." T. 2. 1968. 601 p.
[Problems in the Marxist-Leninist history of philosophy] Voprosy marksistско-leninskoi istorii filozofii. [Leningrad], 1967. 373 p.

2. RELIGION

20 RELIGION IN GENERAL

[Bible] books of the Holy Scripture of the Old and New Testaments. Canonical. In Russian translation with parallel quotations. Bibliia. Knigi Starozakonnogo i Novogo Zaveta. Kanoniicheskie. V russkoi perevode s parallel'nymi citatami. [Leningrad], Biblioteka obshchestva. [1968]. 928, 992 p.
(NoD)

Prokof'ev, V. I. [Cossackness] O sots. Moskva, "Mysl' rabochii," 1968. 64 p.

21 RELIGION AND SCIENCE

Orlovskii, V. L. [Neo-Thomism and science] Neokantizm nauka. Moskva, "Znanie," 1968. 47 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Esteticheskoe i religioz. 10).

21.1 Atheism

Dobozov, V. O. [Paths to the heart and mind] Puti k serdtsu i razumu. Minsk, "Belarus'," 1968. 42 p.
Bolskov, P. A., and V. K. Andriushko, comps. [Against obscurantism and superstitions. A reader on the atheistic education of schoolchildren]. Protiv t'my i suver'ia. Khranitel'stvo po stolet. vospitaniiu shkol'. sborn. Minsk, "Maz. asveta," 1967. 297 p. [In Russian and White Russian].

21.1(471, 41)—Tatar A. S. R.
Khalimov, A. M., I. A. Brydov and G. V. Gelfandov. [On the road to atheism] Na puti k ateizmu. Kazan', Kazanskotsekt, 1967. 102 p.

21.2 Antireligious propaganda

Bekov, S. P. [Libraries and the propaganda of atheism] Biblioteka i antireligioznoe obrazovanie. Propaganda. Moskva, Proletkult, 1963. 94 p.
(MIBJ) (MBC)

Dobozov, V. O. [Paths to the heart and mind] Puti k serdtsu i razumu. Minsk, "Belarus'," 1968. 42 p.

22 Christian churches and sects

Philipov, E. G. [Baptism and baptismal] Kрещение i kрестильница. Moskva, "Mysl'," 1968. 184 p.

Kibakov, A. I., and V. M. Mitrokhin. [Symptoms of crisis in the contemporary Baptist Church] Krizisnye yavleniia v sovremennoi baptizme. Moskva, "Znanie," 1967. 93 p.

[White Russia in historical political and church life. Book in three parts] Belarus' v istoricheskoi gosudarstvennoi i tserkovnoi zhizni. Sostavil i izdal arkhiepiskop A. Karlov. Kniga v trekh chastiakh. Bessos-Abrus, 1968. 303 p.
(NO)

22(478)—White Russian S. S. R.

2. SOCIAL SCIENCES. ECONOMICS. LAW GOVERNMENT. MILITARY AND NAVAL SCIENCE. EDUCATION

20 SOCIAL SCIENCES

AKADEMIA NAUK AZERBAIDZHANSKOI SSR. [Materials of a scientific and theoretical conference of young scientists] Materialy nauchno-teoreticheskoi konferentsii molodykh nauchnykh. Baku, Izd. AN Azerbaidzhanskoi SSR.

Ka, G. [Series on social sciences] (Seria obshchestvennykh nauk)
Ch. 1. 1967. 227 p.
Ch. 2. 1967. 223 p.

[Reader in social sciences. For students of secondary schools and secondary vocational schools] Khranitel'stvo po obshchestvovedeniю. Dlia shkol'skikh sred. shkol i sred. spets. ucheb. zavvedeni. Izd. 4-e. Moskva, Polizdat, 1968. 280 p.

20.2 Children

Larrov, A. S., and O. A. Larrova. [Our comrade, the child] Naš sobrat rebenok. (2-e izd.) Moskva, "Znanie," 1968. 79 p. (Mirovyyi universitet. Pedagogicheski fakultet. 6).

[Let us talk about our children. A collection of dissertations, stories, and sketches] Pogovorim o nashikh detakh. Sbornik nauchnykh, rasskazov, sketsov. Sost. A. L. Orlovskiy. Izd. 2-o. 1967. 1 dop. Moskva, "Prosvetshchik," 1967. 438 p.

Orlovskiy, G. A. [City and children. Notes of the secretary of a city party committee] Gorod i deti. Zarubezhnye sekretari goskoma. Perm', Kn. izd., 1968. 80 p.

20.27 Young people

Korotkiy, E. A. [What one should know about the education of an adolescent. For parents] O tom kak vzrastat' o vospitanii podrostka. Dlia roditel'. Moskva, Oolpedgiz, 1961. 68 p.
(MBC-T)

Korotkiy, E. A., and I. A. Korotkiy. [Legal status of minors] Osnovnye pravovye polozheniia na vospitaniiu minors. Moskva, "Urki. lit.," 1968. 126 p.

20.21 Marxism-Leninism

[Development of the revolutionary theory by the Communist Party of the Soviet Union] Razvitiie revoliutsionnoi teorii Kommunisticheskoi partii Sovetskogo Soюза. Moskva, Politizdat, 1968. 308 p.

20.21 Marx and Engels, their works

El'ma, Elena. [Tireless traveler. Karl Marx's childhood, adolescence, and youth. A documentary tale] Nekontainnyi puti. Detstvo, iuost' i molodye gody Karla Marksa. Dokum. povest'. Darnaul, AI. kn. izd., 1968. 307 p.

[Karl Marx. Biography] Karl Marks. Biografiia. Moskva, Politizdat, 1968. xiv, 748 p.

[Karl Marx on the state and law. On the 150th anniversary of his birth] Karl Marks o gosudarstve i prave. K 150-letiiu so dnia rozhdeniia. Oty. red. V. M. Chibrikovskiy. (Moskva, "Urki. lit.," 1968). 207 p.

Kolbasov, V. M. [K. Marx's "Das Kapital" and our time. Some economic problems of contemporary capitalism and socialism in the light of K. Marx's "Das Kapital"] "Kapital" K. Marksa i sovremennost'. Nekotorye problemy ekonomiki sovrem. kapitalizma i sotsializma v svete "Kapitala" K. Marksa. Gor'ki, Volgo-Viat. kn. izd., 1968. 70 p.

Lefterov, P. I. [Transliterations of Marx] Vospitanie nli o Markse. Moskva, Polizdat, 1967. 22 p.

Lefterov, P. I. [K. Marx's "Das Kapital" and the present time] "Kapital" K. Marksa i sovremennost' epokhi. (Moskva, "Mysl'," 1968). 203 p.

Oroshev, Z. M. [Unity of dialectics, logic, and the theory of knowledge in K. Marx's "Das Kapital."] Edinstvo dialektiki, logiki i teorii poznanii v "Kapitale" K. Marksa. Baku, Azerbaidzh, 1968. 208 p.

Polkov, G. M. [Birth of a genius. Development of personality and ideology of Karl Marx] Rozhdeniie geniia. Razvitiie lichnosti i ideologii Karla Marksa. (Moskva, "Mol. gardia," 1968. 174 p.

20.21.2 Lenin, his works

Dobozov, V. I. [Lenin, V.I.] [Guidebook] [Putevoditel']. Moskva, "Nov. Rossia," 1967. [23] p. [In Russian, English, German and French].

Gor'ki, Maksim, V. I. Lenin. Moskva, Polizdat, 1968. 83 p.

Karpilchenko, S. T. [Lenin's principles of the strategy and tactics of Communist parties] Leninskie printsipy strategii i taktiki kommunisticheskikh partii. Leningrad, 1966. 48 p.

Lepshinskii, O. B. [Meetings with Lenin. (Reminiscences of an old Bolshevik)] Vstrechi s L'niem. (Vspominaniia staroi bol'shevikki). 3-e, izd. Moskva, Politizdat, 1968. 86 p.

Mal'kovskii, V. V. Vladimir Il'ich Lenin. Moskva, "Progress," [1967]. 214 p. [Parallel texts in Russian and English].

Smolenskii, N. A. [Unforgettable images] Nenayimaynye obrasy. Izd. 2-o. Moskva, Politizdat, 1968. 28 p.
[Edited by Lenin, Dostoevskiy, Tolstoy, Remizovskiy] Podpisy Lenina. Dostoevskiy, Tolstoy, Remizovskiy. Moskva, V. Shchegolev. (Moskva) "Mol. gardia," 1968. 70 p.

[Lenin's letters to the people] V. I. Lenin. Moskva, [Album] [Album. Moskva, "Gov. zhurnal," 1967]. 9 p.
R. I. Iliin.

Shchegolev, V. V. [Reminiscences about Lenin] Vospominaniia o Lenine. Moskva, Politizdat, 1968. 82 p.

20.21.3 Historical materials

Annaev, V. O. [Fundamentals of philosophical knowledge. For students studying the principles of Marxism-Leninism] Osnovy filozoficheskogo znaniia. Dlia studentov shkol osnov marksistско-leninskoi nauki. Moskva, "Mysl'," 1968. 381 p.

[Current problems of philosophical sciences] Aktual'nye problemy filozoficheskoi nauki. Leningrad, 1968. 187 p.

[Methodological textbook on philosophy. For schools (teaching the principles of Marxism-Leninism)] Metodicheskoe posobie po filozofii. Dlia shkol osnov marksistско-leninskoi nauki. Izd. 2-o. Moskva, Politizdat, 1968. 302 p.

[Problems of the cognition of social phenomena] Problemy poznaniia sotsialnykh yavlenii. Moskva, "Mysl'," 1968. 360 p.

20.21.4 Theory and tactics of revolution

Shchegolev, V. V. [New things in the development of the Leninist theory of the socialist revolution] Novyye shagi v razvitiie leninskoi teorii sotsialisticheskoi revoliutsii. Leningrad, 1968. 30 p.

20.21.5 Dictatorship of the proletariat

Mikhlin, I. I. [History of the Great October Revolution. In three volumes] Istoriia Velikogo Oktjabr'sk. V 3-kh t. Moskva, "Mysl',"

T. 2. [Overthrow of the Provisional Government. Establishment of the dictatorship of the proletariat] Svozhdeniie Vremennogo pravitel'stva. Ustanovleniie diktatury proletariata. 1968. 182 p.

20.21.6 Socialism and communism

Bekov, S. P. [World system of socialism. Principles, problems and stages of its development] Mirovaia sistema sotsializma. Osnovy problema i etapy razvitiia. Moskva, "Mekhaniz. obrabotka," 1968. 271 p.

20.21.8 Role of the Communist Party

[Current problems in the sciences of communism in the light of the decisions of the September Plenum of the Central Committee of the CPSU (1968)] Aktual'ni problemy nauchnykh nauk v svete reshenii Plenuma TsK KPSS (1968 z.). [Kyiv], Vyd-vo Kyivskogo univ., 1968. 88 p.
(MIB)

Shchegolev, V. V. [Increasing leading role of the CPSU in the building of communism] O vrazrastanii rol'i KPSS v stroitel'stve kommunizma. Moskva, 1968. 48 p.

20.21.9 Transition from socialism to communism

Pudovoy, A. A., and M. M. Kaluzhnyy. [Political organization of society during the transition to communism. A methodological manual] Politicheskaia organizatsiia obshchestva pri perekhode k kommunizmu. Metod. posobie. Leningrad, Izd. Leningr. un-ta, 1968. 88 p.

300-302.323.324.325.326.327.328.329.330.331.332.333.334.335.336.337.338.339.340.341.342.343.344.345.346.347.348.349.350.351.352.353.354.355.356.357.358.359.360.361.362.363.364.365.366.367.368.369.370.371.372.373.374.375.376.377.378.379.380.381.382.383.384.385.386.387.388.389.390.391.392.393.394.395.396.397.398.399.400.401.402.403.404.405.406.407.408.409.410.411.412.413.414.415.416.417.418.419.420.421.422.423.424.425.426.427.428.429.430.431.432.433.434.435.436.437.438.439.440.441.442.443.444.445.446.447.448.449.450.451.452.453.454.455.456.457.458.459.460.461.462.463.464.465.466.467.468.469.470.471.472.473.474.475.476.477.478.479.480.481.482.483.484.485.486.487.488.489.490.491.492.493.494.495.496.497.498.499.500.501.502.503.504.505.506.507.508.509.510.511.512.513.514.515.516.517.518.519.520.521.522.523.524.525.526.527.528.529.530.531.532.533.534.535.536.537.538.539.540.541.542.543.544.545.546.547.548.549.550.551.552.553.554.555.556.557.558.559.560.561.562.563.564.565.566.567.568.569.570.571.572.573.574.575.576.577.578.579.580.581.582.583.584.585.586.587.588.589.590.591.592.593.594.595.596.597.598.599.600.601.602.603.604.605.606.607.608.609.610.611.612.613.614.615.616.617.618.619.620.621.622.623.624.625.626.627.628.629.630.631.632.633.634.635.636.637.638.639.640.641.642.643.644.645.646.647.648.649.650.651.652.653.654.655.656.657.658.659.660.661.662.663.664.665.666.667.668.669.670.671.672.673.674.675.676.677.678.679.680.681.682.683.684.685.686.687.688.689.690.691.692.693.694.695.696.697.698.699.700.701.702.703.704.705.706.707.708.709.710.711.712.713.714.715.716.717.718.719.720.721.722.723.724.725.726.727.728.729.730.731.732.733.734.735.736.737.738.739.740.741.742.743.744.745.746.747.748.749.750.751.752.753.754.755.756.757.758.759.760.761.762.763.764.765.766.767.768.769.770.771.772.773.774.775.776.777.778.779.780.781.782.783.784.785.786.787.788.789.790.791.792.793.794.795.796.797.798.799.800.801.802.803.804.805.806.807.808.809.810.811.812.813.814.815.816.817.818.819.820.821.822.823.824.825.826.827.828.829.830.831.832.833.834.835.836.837.838.839.840.841.842.843.844.845.846.847.848.849.850.851.852.853.854.855.856.857.858.859.860.861.862.863.864.865.866.867.868.869.870.871.872.873.874.875.876.877.878.879.880.881.882.883.884.885.886.887.888.889.890.891.892.893.894.895.896.897.898.899.900.901.902.903.904.905.906.907.908.909.910.911.912.913.914.915.916.917.918.919.920.921.922.923.924.925.926.927.928.929.930.931.932.933.934.935.936.937.938.939.940.941.942.943.944.945.946.947.948.949.950.951.952.953.954.955.956.957.958.959.960.961.962.963.964.965.966.967.968.969.970.971.972.973.974.975.976.977.978.979.980.981.982.983.984.985.986.987.988.989.990.991.992.993.994.995.996.997.998.999.1000.

300.323(48)—Italy

Kobrinetskii, K. V. [The Great October Revolution and the revolutionary movement in Italy. (1917-1921). Velikii Oktialbr' i revoliutsionnoe dvizheniie v Italii. (1917-1921). Moscow, "Mysl'," 1968. 262 p.

300.323(81)—China

[Roots of the current events in China]. Korol' synosteticheskii sobytii v Kitae. Moscow, Politizdat, 1968. 64 p.

300.323(38)—Japan

[The October Revolution and Japan. (Based on materials of a symposium). Oktialbr' i Iaponiia. (Po materialam simpoziuma). Moscow, "Mysl'," 1968. 66 p.

300.323(3)—Africa

Melikh, L. E. [The Great October Revolution and the liberation of Africa]. Velikii Oktialbr' i osvobodivshiesia Afriki. Leningrad, 1968. 47 p.

301 Sociology

Chernov, V. I. [Informational processes in society]. Informatsionnye protsessy v obshchestve. Moscow, "Mysl'," 1968. 163 p.

[Some problems in the development of socialist society]. Nekotorye voprosy razvitiia sotsialisticheskogo obshchestva. Tula, 1967. 182 p.

[Soviet readers. A concrete sociological study]. Sovetskii chitatel'. Opyt konkritnoi sotsiologii. Leningrad, 1968. 343 p.

Urbansk, B. V. [History of a generation. (A sociological and demographic study)] Istoriia odnogo pokoleniia. (Sotsiolog.-demogr. ocherk). Moscow, "Mysl'," 1968. 289 p.

301(4/9.104)—Capitalist countries of the world

Vishnev, V. I. [Capitalism or "industrial society"? Problems of contemporary capitalism and bourgeois sociology]. Kapitalizm (ili "industrial'noe obshchestvo"? Problemy sovrem. kapitalizma i burzhuaznaia sotsiologiia. Moscow, "Mekhaniz. obrabotka," 1968. 207 p.

[Problems of the cognition of social phenomena]. Problemy poznaniia sotsial'nykh yavlenii. Moscow, "Mysl'," 1968. 233 p.

301(438)—Poland

[Sociological thought in the Polish People's Republic. Translated from the Polish]. Sotsiologicheskii mysl' v Pol'skoi Narodnoi Respublike. Pod red. K. V. Ostrovsk. Moscow, "Progress," 1968. 316 p.

301(471.343)—Morocco A. S. R.

Vlajin, K. M., and A. K. Erobov and V. K. Rajai. [From the history of the development of philosophy and socio-political thought in the Mauritania territory. (Pre-October period)] Iz istorii razvitiia filosofskoi i sotsiologicheskoi politicheskoi mysl' v Marokkoi kraie. (Dokladnyi period). Pod red. K. M. Erobova. Moskva-Om, Marokk. gosizdat, 1968. 182 p.

301.14 Social psychology. Instinct

[Formation of personality in the industrial collectives]. Formirovaniie lichnosti v proizvozhstvennom kollektive. Moscow, "Mysl'," 1968. 186 p.

[Machavskyia nauchnaia konferentsiia po probleme razvitiia sotsiologii obshchestvennogo soglasiiia v period stroitel'stva kommunisticheskogo obshchestva. (Materials of an international conference on the growing intensity of social consciousness during the building of communism). Materialy Mezhmirovskoi nauchnoi konferentsii po probleme razvitiia sotsiologii obshchestvennogo soglasiiia v period stroitel'stva kommunisticheskogo obshchestva. Kuz'k, 1968. 708 p.

306 Sociography. Social geography. Social statistics

Kyukhi, A. I. [The chronicle of my native land]. Rodnoye zeml'. Moscow, Politizdat, 1968. 180 p.

[Rights of traveling cities]. Opyt dalekikh gorodov. Moscow, "Mol. granitsa," 1968. 203 p.

Moskvin, M. I. [On the way to Moscow. From the travel notes of a journalist]. Po dorogam na Moskvu. Iz putevykh zapiskov zhurnalista. Moscow, "Mest. rabotai," 1968. 233 p.

[Our Soviet Motherland. (1917-1967)]. Naivnyetshyie russiiska. (1917-1967). Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1968. 288 p.

306(438)—Australia

Shchegol, G. M. [Encounter in Vienna]. Vstrecha v Vienne. Moscow, "Mest. rabotai," 1968. 283 p.

306(471.33)—Kazakhstan A. S. R.

[Photography]. Fotoizbraniia. [Petrozavodsk. Kuz'k. Kaz. kn. izd., 1967]. (16) p. Ust. [In Russian, English, and Finnish].

306(471.338)—Mordovia A. S. R.

[The Mordovia A. S. R. during the years of the Soviet regime (in figures). A statistical abstract]. Mordovskaiia ASSR za gody Sovetskoi vlasti (v tsifrakh). Stat. sbornik. Saransk, Mordov. kn. izd., 1967. 104 p.

306(471.43)—Ulyanovsk Province

[Ulyanovsk, Lenin's homeland]. Ulyanovsk-rodiina Lenina. Moscow, "Progress," 1968. [42] p. illus. [In 5 languages].

306(471.46)—Orenburg Province

[Orenburg Province during 60 years of the Soviet regime. A statistical abstract]. Orenburgskaia oblast' za 60 let Sovetskoi vlasti. Stat. sbornik. Cheliabinsk, Ust. - Ural'skoe kn. izd., 1967. 140 p.

306(471.431)—Kalmyk A. S. R.

[The Kalmyk A. S. R. during 60 years of the Soviet regime. A statistical abstract]. Kalmytskaia ASSR za 60 let Sovetskoi vlasti. Stat. sbornik. Elista, Kalmytsk. kn. izd., 1967. 158 p.

306(477)—Ukraine A. S. R.

Plakhotnik, V. Y. [Friendship and cooperation between the Ukrainian people and the fraternal peoples of the U. S. S. R.]. Druzba i spivrobitnyctvo ukrainskoho narodu i bratnykh narodnykh SSR. 1968. Kyiv, "Makova domka," 1967. 220 p.

306(478.23)—Georgian A. S. R.

Mikheyashvili, V. P. [The October Revolution and Georgia]. Oktialbr' i Gruziia. Tbilisi, "Satskha Sakartvelo," 1967. 27 p.

306(478.35)—Armenian A. S. R.

[Kryva on the 60th anniversary of the Great October Revolution. A statistical abstract]. Kryva k 60-letiu Velikogo Oktialbra. Stat. sbornik. Yerevan, 1967. 188 p.

306(48)—Bosnia

Vish, O. S. [My Bosnian friends]. Moji bosnijski druzbavci. Moscow, "Det. lit.," 1968. 203 p.

306(538)—Saudi Arabia

Orlov, V. Y. [Saudi Arabia]. Saudovskaia Araviiia. Moskva, "Mysl'," 1968. 148 p.

306(571.53)—Lithuan Province

Rudnik, V. M. [Little town of Brastis]. Gorodok Brastis. [Lithuan], Vost. - Zap. kn. izd., 1968. 143 p.

306(571.54)—Sakhalin Province

[Yakima-Sakhalinsk]. Uchro-Sakhalinsk. Moskva, "Ov. khudozhnik," 1968. [63] p. illus. [In Russian, English, and Japanese].

306(507)—Vietnam

Kolyshnikov, V. I., and M. I. Kuznetsov. [Heroic Vietnam soldiers in the struggle]. Geroicheskii Vietnam borotsia. [Moscow, "Ov. khudozhnik," 1968] 9 p.

306(52)—Northwest Africa, Egypt and Sudan [The United Arab Republic. (A reference book)]. Ch'edunee na Arabskuiu respubliku. (Spravochnik). Moscow, "Mysl'," 1968. 428 p.

306(73)—United States of America

Shchegol, G. M. [The U. S. A., 1968]. SShA, 1968. Moskva, "Mysl'," 1968. 80 p. (More in this, see, bookshka. Seria "Mezhmirovskaiia," 10).

31 STATISTICS

[Records and the purchasing power of the population]. Dokhody i pokupatel'skii sptie naseleniia. Moscow, "Statistika," 1968. 178 p.

[Labor in the U. S. S. R. A statistical abstract]. Trud v SSR. Stat. sbornik. Moscow, "Statistika," 1968. 343 p.

[The population and national welfare]. Naselenie i narodnaia blagopopoluchaiia. Moscow, "Vysch. shkola," 1968. 187 p.

[Statistical data of individual branches of the national economy]. Statistika otel'nykh otzraslei narodnogo khoziaistva. Moscow, G. I. A. Kuznetsov. Moscow, "Statistika," 1968. 448 p.

31(177)—Underdeveloped and underdeveloped areas

[Foreign trade in various sectors of industrially developed capitalist countries and the developing countries; a statistical manual]. Vneshniaia torgovlia chernymi metallami, promyshlennymi surovyimi kapitalisticheskikh i razvivaiushchis'ia stran. Statisticheski spravochnik [Moscow] 1968. 62 p. (Biblioteka' hozyaistvo i kommer-tsialnoi informatsii. Prilozheniia, no. 12).

31(4/8.104)—Capitalist countries of the world

[Foreign trade in various sectors of industrially developed capitalist countries and the developing countries; a statistical manual]. Vneshniaia torgovlia chernymi metallami, promyshlennymi surovyimi kapitalisticheskikh i razvivaiushchis'ia stran. Statisticheski spravochnik [Moscow] 1968. 62 p. (Biblioteka' hozyaistvo i kommer-tsialnoi informatsii. Prilozheniia, no. 12).

31(471.338)—Mordovia A. S. R.

[The Mordovia A. S. R. during the years of the Soviet regime (in figures). A statistical abstract]. Mordovskaiia ASSR za gody Sovetskoi vlasti (v tsifrakh). Stat. sbornik. Saransk, Mordov. kn. izd., 1967. 106 p.

31(471.46)—Orenburg Province

[Orenburg Province during 60 years of the Soviet regime. A statistical abstract]. Orenburgskaia oblast' za 60 let Sovetskoi vlasti. Stat. sbornik. Cheliabinsk, Ust. - Ural'skoe kn. izd., 1967. 140 p.

31(471.431)—Kalmyk A. S. R.

[The Kalmyk A. S. R. during 60 years of the Soviet regime. A statistical abstract]. Kalmytskaia ASSR za 60 let Sovetskoi vlasti. Stat. sbornik. Elista, Kalmytsk. kn. izd., 1967. 158 p.

31(478.23)—Armenian A. S. R.

[Kryva on the 60th anniversary of the Great October Revolution. A statistical abstract]. Kryva k 60-letiu Velikogo Oktialbra. Stat. sbornik. Yerevan, 1967. 188 p.

312 Demography. Vital statistics

[Birthrate and its factors]. Rodimost' i ee faktory. Pod red. A. G. Volkova. Moscow, "Statistika," 1968. 118 p.

[The population and national welfare]. Naselenie i narodnaia blagopopoluchaiia. Moscow, "Vysch. shkola," 1968. 187 p.

Urbansk, B. V. [History of a generation. (A sociological and demographic study)] Istoriia odnogo pokoleniia. (Sotsiolog.-demogr. ocherk). Moscow, "Mysl'," 1968. 289 p.

312(478.23)—Georgian A. S. R.

Mikheyashvili, V. P. [The population of Georgia. An economic and geographic study]. Naselenie Gruzii. Ekon.-geogr. issledovaniia. Tbilisi, "Metakalgebra," 1968. 268 p.

32 POLITICAL SCIENCE. POLITICS. CURRENT AFFAIRS

[Fundamentals of political science. Textbook for primary political schools of party education]. Osnovy politicheskoi nauki. Ucheb. posobie dlia nach. polit. shkol. starykh part. uchety. Izd. 2-a. Moscow, Politizdat, 1968. 263 p.

Orlov, V. Y., and V. G. Ushakov. [Democracy and the economic reform. (A textbook)] Demokratiia i ikonomicheskaia reforma. (Uchebnaia posobie). Moscow, "Znanie," 1968. 78 p. (Mirovaya universitet. Fakul'tet pravovykh nauk. II).

[International yearbook. Politics and economics]. Mezhmirovskaiia godovnik. Politika i ekonomika. 1968. Moscow, Politizdat, 1968. 278 p.

Melikh, L. Y. [The contemporary epoch and the international revolutionary process. A textbook]. Sovremennaiia epokha i mirovui revoliutsionnyi protsess. (Ucheb. posobie). Pod red. V. D. Rakhmanova. Moscow, 1967. 47 p.

[Theory of the state and law]. Teoriia gosudarstva i prava. Moscow, "Iurid. lit.," 1968. 640 p.

32(177)—Underdeveloped and underdeveloped areas

[Classes and the class struggle in the developing countries. In three volumes]. Klassy i klassovaya bor'ba v razvivaiushchis'ia stranakh. V 3-kh t. Red. kolektiva V. L. Tuganenko (glav. red.) i dr. Moscow, "Mysl'," 1968. 421 p.

T. A. Aliev, G. S. and others. [Obit of a road]. Vystup. pod. Oty. red. G. I. Mirskii. 1968. 421 p.

32(4/9.104)—Capitalist countries of the world [Problems of contemporary imperialism]. Problemy sovremennogo imperiializma. Moscow, Politizdat, 1968. 288 p.

32(3)—Asia

[Countries of South Asia]. Strany Tushoi Asii. Moscow, Politizdat, 1968. 158 p.

32(81)—China

[Roots of the current events in China]. Korol' synosteticheskii sobytii v Kitae. Moscow, Politizdat, 1968. 64 p.

32(73)—United States of America

Mikheyashvili, V. P. [Bourgeois reformism in the U. S. A. (1905-1941)]. Burzhuaznyi reformizm v SShA. (1905-1941). Moscow, "Mysl'," 1968. 418 p.

Shchegol, G. M. [The U. S. A., 1968]. SShA, 1968. Moskva, "Mysl'," 1968. 80 p. (More in this, see, bookshka. Seria "Mezhmirovskaiia," 10).

321 The State and society

Vishnev, V. I., and M. M. Kuznetsov. [Political organization of society during the transition to communism. A methodological manual]. Politicheskaiia organizatsiia obshchestva pri perekhode k kommunizmu. Metod. posobie. Leningrad, izd. Leningr. un-ta, 1968. 28 p.

[History of the state and law of the U.S.S.R. (A collection of documents)] *Istoriia gosudarstva i prava SSSR* (Istoricheskii dokumenty). Moskva, "Turid. lit.", Ch. 2, 1968, 363 p.

[Karl Marx on the state and law. On the 100th anniversary of his birth] Karl Marks o gosudarstve i prave. K 100-letii so dnia rozhdeniia. Otv. red. V. M. Chikhovskii. Moskva, "Turid. lit.", 1968, 307 p.

Politskii, B. M. [Youth of the past and present] Molodost' proshlago i nashago vostoisteka. Tashkent, "Uzbekistan", 1967, 36 p.

221(161)—New states
Makarov, A. V. [Origins and nature of the state and law in the countries liberated from colonial dependence] Voznikoveniye i priroda gosudarstva i prava stran, osvobodivshiesia ot kolonialnoi zavisimosti. Moskva, 1968, 90 p.

221(177)—Underdeveloped and underdeveloped

[Classes and the class struggle in the developing countries. In three volumes] Klassy i klassovaya bor'ba v razvivaiushchiesia stranakh. V 3-kh t. Red. kollektiva V. I. Tuganenko (glav. red. i dr. Moskva, "Mysl", 1968, 481 p.

T. I. Alkhas, O. B. and others. [Choice of a road] Vybór puti. Otv. red. O. I. Mironov. 1968, 481 p.

221(478)—Moldavia S.S.R.
Korlov, A. A. [Moldavia S.S.R., a sovereign Soviet state in the U.S.S.R.] Moldavskaya SSR - suverennoe gosudarstvo gosudarstva v sostave SSSR. Kiev, "Mashyna druka", 1968, 104 p.

222 Internal politics

222(437)—Czechoslovakia
[Events in Czechoslovakia. Facts, documents, accounts published in the press and stories told by eyewitnesses] K sobytiam v Chechoslovakkii. Fakty, dokumenty, svideatel'stva pressy i ocherkivatel'ev. Moskva, Press-gruppa sovetskikh zhurnalistov. Vyp. I, 1968, 180 p.

222(478)—Mexico
[Mexico. Politics. Economy. Culture] Meksika. Politika. Ekonomika. Kul'tura. Moskva, "Maska", 1968, 294 p.

222.1 National, popular, mass movements and tendencies
Mokhymenko, V. I. [Fraternal unity. Progressive Ukrainian (ukrainian) or friendship between the Ukrainian and Russian peoples] Brat'skaie slozheniia. Peredovyi mysl'tel' Ukrainy pro drevnia ukraints'koi i rossiiskoi narodov. Kyiv, Politykday Ukrainy, 1968, 74 p. (Ukr) (Mif) (Viu)

222.18 National minorities. Minority movements
Pankovskii, V. V. [Friendship and cooperation between the Ukrainian people and the fraternal peoples of the U.S.S.R.] Druzba i spivrobitel'stvo ukrains'kogo naroda s brat'skimi narodami SSSR. 1968-1969. Kyiv, "Mashyna druka", 1967, 120 p.
Kozlovskii, M. M. [Building of communism in the U.S.S.R. and the general laws of the development of socialist nations] Stroitel'stvo kommunizma v SSSR i zakonnyye razvitiia sotsialisticheskikh natsii. Leningrad, Izd. Leningr. un-ta, 1968, 224 p.

222.2 Political action, agitation and strife

222.2(44)—France
[Struggle of the French Communist Party for the unity of the left-wing forces] Bor'ba Frantsuzskoi kommunisticheskoi partii za edinstvo levyykh sil. Moskva, "Mysl", 1968, 229 p.

222.2(477)—Vietnam
Chapman, M. A. [Characteristics of the formation of the Vietnamese bourgeoisie] Osvobodivshiesia formirovaniye v'etnamskoi burzhuazii. Moskva, "Maska", 1968, 144 p.

Porokhoshin, V. I. and M. I. Shapovalov. [Heroes of Vietnam continue their struggle] Geroicheskii V'etnam borotsia! Moskva, "Dov. khudozhen", 1968, 8 p.
[The world economy. Illustration of U.S. crimes in Vietnam] Mir obitvaet. Illyustratsii prestuplenii SSHA vo V'ietname. Moskva, Izd. agentstva pechat. Morozov, 1968, 170 p.

222.2(8)—Africa
Kleiss, L. B. [The Great October Revolution and the liberation of Africa] Velikiy Oktjabr' i osvobodeniye Afriki. Leningrad, 1968, 47 p.

222.2(73)—United States of America
Kaiman, Anselm. [The "possessed" in America] school. Translated from the English. "Beshkemye" v amerikanskoi škole. Moskva, "Mashinarn. otchisleniia", 1968, 84 p. (Ukr) (Chk-II)

222.3 Social issues, (house) groups and classes

Vlasov, M. G. [Birth of the Soviet intelligentsia] Roshdeniye sovetskoi intelligentsii. Moskva, Politizdat, 1968, 88 p.

222.3(478)—White Russian S.S.R.

[Building of communism and social changes in the White Russian peasantry] Stroitel'stvo kommunizma i sotsialnye izmeneniia v krest'ianskoi Bolotarskii. Leningrad, "Maska i shcheta", 1968, 240 p.

224 Elections

[Results of elections and the structure of the deputies of supreme soviets in the Union and Autonomous republics. 1967. (A statistical collection)] Dogi vyborov i sostav deputatov Verkhovnykh Sovetov sovsyetskikh i avtonomnykh respublik 1967 g. (Statisticheskii sbornik) Moskva, Izd. "Izvestia Sovetov deputatov trudoispolchivshiesia SSSR", 1967, 88 p.

225 Migration, colonization, colonial policy

[Colonialism: history and our time] Kolonializm: Istoriia i sovremennost'. Moskva, "Maska", 1968, 240 p.

225(4/8.104)—Capitalist countries of the world
[Problems of contemporary imperialism] Problemy sovremennoy imperialisma. Moskva, Politizdat, 1968, 205 p.

227 International and foreign relations and affairs

Berezina, A. V. [Foreign policy of Lenin's party and proletarian internationalism] Vneshnaya politika leninskoi partii i proletarskii internacionalizm. Moskva, "Maska", 1968, 78 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Istoriia i politika KPSR", 10/11).

[Events in Czechoslovakia. Facts, documents, accounts published in the press and stories told by eyewitnesses] K sobytiam v Chechoslovakkii. Fakty, dokumenty, svideatel'stva pressy i ocherkivatel'ev. Moskva, Press-gruppa sovetskikh zhurnalistov. Vyp. I, 1968, 180 p.

Gromyko, Anastasii de. [Franco-Russian alliances. Translated from the French] Frantsuzsko-rossiiskie soyuzy. V step. st. I. I. Rubinsko. Moskva, "Mashinarn. otchisleniia", 1968, 122 p.

Kolomoieva, M. I. [Peaceful coexistence and the problems of war and peace] Mirnoe sotsushchestvoenie i voprosy voyny i mira. Moskva, Izd. Mosk. un-ta, 1968, 36 p.

Kovalev, A. A. [ABC of diplomacy] Asboka diplomatsii. Izd. 2-e, pereizdat. 1 dop. Moskva, "Mashinarn. otchisleniia", 1968, 308 p.

[Reference books for lecturers on international affairs] Spravochnik lektsionno-sposobnostion. (Izd. 2-e, pereizdat. 1 dop.). Moskva, "Mashinarn. otchisleniia", 1968, 178 p.

Kozlovskii, L. A. [Lenin's Decree on Peace in action] Leninski dekrety o mire v deistvii. Leningrad, 1968, 44 p.

[Russia and Italy. From the history of Russo-Italian cultural and public contacts] Rossiia i Italii. In istorii raz. iial. kul'turnykh i obshchestv. otchislenii. Moskva, "Maska", 1968, 444 p.

Stolyev, O. V. [The Great October Revolution and its essence. Role of the October's alliance with the international counterrevolution in the organization of the intervention and civil war] Velikiy Oktjabr' i ego protivopolozhniia. O roli mezvostoi i grazhd. voyny. (Okt. 1917-1918). Moskva, "Mysl", 1968, 227 p.

Trotsky, L. D. [Strategy of a global war] Strategia globalnoi voyny. Moskva, "Mashinarn. otchisleniia", 1968, 302 p.

227(4/8.104)—Communist countries of the world

Shapovalov, M. P. [World system of socialism. Principal problems and stages of its development] Mirovaya sistema sotsializma. Osnovnye problemy i etapy razvitiia. Moskva, "Mashinarn. otchisleniia", 1968, 271 p.

227(4.0)—European capitalist countries

[International contacts among the countries of Central, Eastern, and Southeastern Europe, and the Sino-German relations] Mezhdunarodnye svyazi stran Tsentral'nogo, Vostochnogo i Iugo-Vostochnogo Evropy i slyzhno-germanskie otchisleniia. Moskva, "Maska", 1968, 211 p.

227(433)—Federal Republic of Germany

Shapovalov, M. P. [A bridge over the Rhine?] Most cherez Reinu? Moskva, "Mashinarn. otchisleniia", 1968, 104 p.

227(437)—Czechoslovakia

[Events in Czechoslovakia. Facts, documents, accounts published in the press and stories told by eyewitnesses] K sobytiam v Chechoslovakkii. Fakty, dokumenty, svideatel'stva pressy i ocherkivatel'ev. Moskva, Press-gruppa sovetskikh zhurnalistov. Vyp. I, 1968, 180 p.

227(438)—Poland

Shapovalov, M. P. [Fifty years of independence of Poland] 50 let nezavisimosti Pol'ski. Moskva, "Maska", 1968, 65 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Istoriia", 11).

227(44)—France

Shapovalov, M. P. [A bridge over the Rhine?] Most cherez Reinu? Moskva, "Mashinarn. otchisleniia", 1968, 104 p.

Gromyko, Anastasii de. [Franco-Russian alliances. Translated from the French] Frantsuzsko-rossiiskie soyuzy. V step. st. I. I. Rubinsko. Moskva, "Mashinarn. otchisleniia", 1968, 122 p.

227(45)—Italy

[Russia and Italy. From the history of Russo-Italian cultural and public contacts] Rossiia i Italii. In istorii raz. iial. kul'turnykh i obshchestv. otchislenii. Moskva, "Maska", 1968, 444 p.

227(468)—European communist countries as a group

[International contacts among the countries of Central, Eastern, and Southeastern Europe, and the Sino-German relations] Mezhdunarodnye svyazi stran Tsentral'nogo, Vostochnogo i Iugo-Vostochnogo Evropy i slyzhno-germanskie otchisleniia. Moskva, "Maska", 1968, 211 p.

227(78)—United States of America

Shapovalov, M. P. and I. V. Trukhin. [Merry-go-round of death] Karusel' smerti. Moskva, Politizdat, 1968, 64 p.

228 Parliaments and legislative assemblies

[Results of elections and the structure of the deputies of supreme soviets in the Union and Autonomous republics. 1967. (A statistical collection)] Dogi vyborov i sostav deputatov Verkhovnykh Sovetov sovsyetskikh i avtonomnykh respublik 1967 g. (Statisticheskii sbornik) Moskva, Izd. "Izvestia Sovetov deputatov trudoispolchivshiesia SSSR", 1967, 88 p.

228.01 Communist Party of the Soviet Union

Alkhmedyev, M. [The party should show concern for living conditions] Kul'tura byta - partynskii smotok. Tashkent, Ob'ed. Izd. Tadzhikskoi SSR, 1968, 30 p.

[Development of the revolutionary theory by the Communist Party of the Soviet Union] Razvitiye revoliutsionnoi teorii Kommunisticheskoi partii Sovetskogo Soyuza. Moskva, Politizdat, 1968, 308 p.

Kuznetsov, A. P. [The 10th Congress of the CPSU. Course for the implementation of the building of communism. (Materials for a lecture)] 10 kongress KPSR. Kurs na razvitiye kommunizma. Stroitel'stvo. (Materialy k lektsii). Moskva, Izd. Mosk. un-ta, 1968, 43 p.

[Party committees and the economic reforms] Partynskii komitet i ekonomicheskie reformy. Moskva, Politizdat, 1968, 175 p.

Kozlovskii, V. M. [Party guidelines in vocational education in the U.S.S.R. (1961-1966)] Partynnye rukovodstvo professonno-tekhnicheskimi obrazovaniem v SSSR. (1961-1966 gg.). Moskva, Izd. Mosk. un-ta, 1968, 110 p.

228.02 History of the Communist Party of the Soviet Union

Gladys, A. M., and G. M. Gladys. [With Lenin in his heart. (With Krasnaya's lib)] S Lenynom v serdtshe. (Khim' Petra Krasnaya). Moskva, Politizdat, 1968, 203 p.

[History of the establishment and development of the Bolshevik Party before the October Revolution] In istorii usloviia i razvitiia partii bol'shevikov v dooktjabr'skii period. Moskva, "Mysl", 1968, 279 p.

Lepshinskii, O. B. [Meetings with Il'ich. (Reminiscences of his old Bolshevik)] Vstrechi s Il'ichem. (Vspominaniia staroi bol'shevikskoi). 2-e izd. Moskva, Politizdat, 1968, 84 p.

Logvinov, T. G., and M. A. Sokolovskii. [Readings in the history of the CPSU. (For students studying the principles of Marxism-Leninism)] Khranitel'stvo po istorii KPSR. (V ponimaniie shkolnikov shkol osnovnykh nauchnykh i sotsialnykh nauk). 2-e izd. Moskva, Politizdat, 1968, 464 p.

[Trotskyism is an enemy of Leninism] Trotskizm - vrag leninizma. Moskva, Politizdat, 1968, 150 p.

329.08(471.32)—Central Black Earth regions
Meronov, V. F. [Struggle of the Bolshevik Party for the establishment of Soviet rule in the governments of Central Russia, October 1917–March 1918] *Boevaya bol'shevikskaya partiya za ustanovlenie Sovetskoi vlasti v sverkhchernozemskikh oblastiakh, oktyabr' 1917 g. – mart 1918 g.* Saratov, Privolzhskaya ka. izd., 1967. 83 p. (Penza Gosudarstvennyi pedagogicheskii institut. Uchenyye zapiski. Vyp. 22).

329.08(471.44)—Saratov Province
 [For the role of the soviet] *Za vlast' Sovetov. Saratov, Privolzh. ka. izd., 1968. 137 p.*
Konovshov, D. P. [Red commissar of the press] *Krasnyi komissar pechati. Saratov, Privolzh. ka. izd., 1968. 47 p.*

329.08(471)—Ukraine S. S. R.
Raditskii, P. P., V. E. Kvirin, and M. B. Pereltman. *Kommunisticheskiy Kirovsk. Kharkov, Politizdat, 1968. 136 p.*

329.08(471.8)—Crimea
 [Along the glorious road of the October Revolution. History of the Crimea party organization] *Vostochny putem Oktabria. K istorii Krymskoi part. organizatsii. Stofarsopol', "Krym," 1967. 138 p.*

329.08(471)—Caucasus and Transcaucasia
 [Pravda" (1918–October 1917) and the "Bolshevikskaya" (1906–1917) about Transcaucasia] *"Pravda" (1918–Oktabr' 1917) i "Bolshevikskaya" (1906–1917) o Kavkazsk. Sovetsk. Soet. G. A. Lashina. Krasnodar, "Kavkaz," 1968. 458 p.*
Georgiyevskii, M. S. [A collection of reminiscences and materials] *Georgiyevskii M. S. Ocherki vospominaniy i materialov. Krasnodar, "Almaz," 1968. 97 p.*

329.08(471.24)—Azerbaijan S. S. R.
 [Essentially alive traditions] *Vechno zhivye traditsii. Baku, Azerbaidzhan, 1968. 306 p.*

329.08(471)—Armenia S. S. R.
Shorshakov, M. M. [Two years 1917. The Bolsheviks of Armenia in struggle for the victory of the October Socialist Revolution] *God osvobodivshisya. Bol'shevikskii Shorshakov v borbe za pobedu Oktobr'skoi sots. revoliutsii. Novosibirsk, Zap.-Sib. ka. izd., 1967. 238 p.*

329.03 International communist movement
Yakovlev, L. L. [Friendship born of the October Revolution. Problems of internationalism in the defense of the achievements of the Great October Socialist Revolution] *Druzhestvo, rozhdennoye Oktabrem. Problemy mezhdunarodnogo sotsializma v svyazii s oktyabr'skimi revoliutsionnymi pobedami. Moskva, "Mysl'," 1968. 202 p.*
Marx, K. [The principles of the strategy and tactics of Communist parties] *Leitenskiye printsipy strategii i taktiki kommunisticheskikh partii. Leningrad, 1968. 48 p.*
 [Trotskyism is an enemy of Leninism] *Trotskyizm – vrag leninizma. Moskva, Politizdat, 1968. 360 p.*

329.04 Communist youth organizations
 [Along the revolutionary path! Veterans of Lenin's Komsovol, fighters for the October Revolution, participants in the civil war and the peaceful building of socialism tell their stories] *Revoliutsionnyi derzhavskiy step. Sovetskaya Leninskaya komunisticheskaya bol'shevikskaya, gruzin, volyn, uchastniki mirovogo stroitel'stva. Moskva, "Mol. gvardiya," 1968. 303 p.*

Levin, V. I. [Objectives for the youth leagues. Speech at the Third All-Russian Congress of the Russian Communist Youth League, October 2, 1920] *Zadachi sovmestnogo molodosti. Rech' na III Vsesoy. s'ezde Ros. Kommunist. Sovm. Molodosti 2 okt. 1920 g. (Moskva) "Mol. gvardiya," 1968. 33 p.*

Shalashin, A. S. [If we have to start our march tomorrow...] *Eslava nashya v pokhod... (Moskva) "Mol. gvardiya," 1968. 79 p.*

[Two encounters with history. Members of the Komsovol, students, documents, the epoch] *Dva vstrecha s istoriyey. Komsovol'skoye, Ocherki, dokumenty, epokha. (Moskva) "Mol. gvardiya," 1968. 143 p.*

Khokhlov, O. V., A. L. Mamonov, and T. A. Khramov. [The walk of Lenin's Komsovol] *Boevoy put' Leninskogo komsovola. Moskva, Voenizdat, 1968. 88 p.*

329.04(471)—Ukraine S. S. R.

Raditskii, I. P. [Role of the Ukrainian Komsovol in the partisan movement of 1941–1944. (Political work among the people of occupied regions)] *Komsovol Ukrainy v partizanskom dvizhenii 1941–1944 gg. (Polit. rabota sredi naseleniya okkupirov. raionov). Moskva, "Mysl'," 1968. 80 p.*

329.06 Communist parties outside the Soviet Union

329.06(430)—Germany
Davidovich, D. B. [Ernest Thaelmann. Pages of his life and struggle] *Krest Tshel'mana. Stranyy shchad i bor'by. Moskva, "Mysl'," 1968. 304 p.*
Drachkin, I. A. [Historical path of the Communist Party of Germany] *Istoriicheskiy put' Kommunisticheskoi partii Germanii. Moskva, "Krasnaya," 1968. 63 p.* (Novye v shkole, nauka, tekhnika. Seriya "Istoriya," 10).

329.06(44)—France
 [Struggle of the French Communist Party for the unity of the left-wing forces] *Bor'ba Frantsuzskoi kommunisticheskoi partii za edinstvo levitsy sil. Moskva, "Mysl'," 1968. 219 p.*

329.06(497.2)—Bulgaria
Popov, Boris. [Anti-fascist rebellion. Translated from the Bulgarian] *Derskii bunt. Moskva, Politizdat, 1968. 190 p.*

33 POLITICAL ECONOMY. ECONOMICS

Kryazev, M. P. [Problems of socialist economics in V. V. Kuznetsov's works] *Voprosy sotsialisticheskoi ekonomiki v rabotakh V. V. Kuznetsova. Tomsk, Izd. Tomskogo un-ta, 1967. 123 p.*

[International yearbook. Political and economic] *Mezhdunarodnyi ezhegodnik. Politika i ekonomika. 1968. Moskva, Politizdat, 1968. 379 p.*

Lopatin, V. F. [Role of trade in socialist reproduction] *Rol' torgovli sotsialisticheskoy vosprirodovosti. Moskva, "Ekonomika," 1968. 47 p.*

[Method of teaching political economy. (Some problems of methodology and methods)] *Metodika prepovedaniya politicheskoi ekonomii. (Nekotoryye voprosy metodologii i metody). Moskva, Izd. Mosk. un-ta, 1968. 206 p.*

[Problems of teaching political economy in the system of higher correspondence, and evening school education] *Voprosy prepovedaniya politicheskoi ekonomii v sisteme vysshego korespondentskogo i vechernego obrazovaniya. Moskva, "Vyssh. shkola," 1968. 190 p.*
 [The system of economic sciences] *Sistema ekonomicheskikh nauk. Moskva, "Mysl'," 1968. 481 p.*

331.1 General principles, laws and systems of economics
Kolmogorov, V. M. [K. Marx's "Das Kapital" and our time. Some economic problems of contemporary capitalism and socialism in the light of K. Marx's "Das Kapital"] *"Kapital" K. Marksa i sovremennost'. Nekotoryye problemy ekonomiki sovrem. kapitalizma i sotsializma v svetle "Kapitala" K. Marksa. Gor'kiy, Volgo-Vol. ka. izd., 1968. 70 p.*

Leontyev, L. A. [K. Marx's "Das Kapital" and the present time] *"Kapital" K. Marksa i sovremennaya epokha. (Moskva, "Mysl'," 1968. 368 p.*

Medvedev, V. A. [National reproduction and the sphere of services] *Otkhodivayemoye vosprirodovosti i sfera uslug. Moskva, "Ekonomika," 1968. 204 p.*

[Principles of the economics of capitalism] *Prinsipy po politicheskoi ekonomii kapitalizma. 2-e izd. Moskva, Politizdat, 1968. 240 p.*

330.115 Mathematics of economics. Economy
Dikhshteyn, G. I. [Non-linear programming] *Moysyev, 1968. [Materials of a discussion on optimal planning] (Materials). Moskva, "Ekonomika," 1968. 108 p.*
 [Mathematics in financial planning] *Matematika v finansovom planirovani. Pod red. S. I. Lashina. Moskva, "Finansy," 1968. 119 p.*

Zel'dorich, R. N. [Mathematical methods in the economics and planning of municipal services] *Matematicheskiye metody v ekonomike i planirovani komunal'nogo khozaystva. Moskva, Stroizdat, 1968. 264 p.*

330.115(438)—Poland
Bartel, Zygmunt. [Economic forecasting of economic development in Poland. Translated from the Polish] *Ekonomicheskaya prognozy pol'skoi shkozy sprosu v Pol'sku. Moskva, "Statistika," 1968. 111 p.*

330.19 Economic policy

Khrushchev, A. D. [The 20th Congress of the CPSU. Course for the intensification of the building of communism. (Materials for a lecture)] *XX s'ezd KPSS. Kurs na usilivayemye kommunist. stroitel'stva. (Materialy k lektsii). Moskva, Izd. Mosk. un-ta, 1968. 63 p.*

Kosarin, M. M. [Building of communism in the U. S. S. R. and the general laws of the development of socialist nations] *Stroitel'stvo kommunizma v SSSR i sotsialno-razvitiye natsionalisticheskikh natsii. Leningrad, Izd. Leningr. un-ta, 1968. 224 p.*

330.19(471.6)—Northern Caucasus

[Fraternal cooperation of the peoples of the Northern Caucasus in the building of communism] *Bratstvo sotsialisticheskoy narodov Severnogo Kavkaza v stroitel'stve kommunizma. Krasnodar, 1968. 120 p.* (CIS-H)

330.3 Organization and cooperation in the economic sphere. Cooperation, reform, etc.

[Fruits of a great friendship. Historical experience in fraternal help and cooperation among the peoples of the Soviet Union in the economic and cultural development of the Kazakh S. S. R.] *Plody velikogo sdruzheniya. Ist. opyt brat'skoi pomoshchi i sdruzheniya narodov Sovetskogo Soeta v ekonom. i kul'turnom razviti. Kaz. SSR. Alma-Ata, "Kazakhstan," 1968. 384 p.*

330.3(471.103)—Communist countries of the world

[National resources and international cooperation] *Ressursy i mezhdunarodnoye sdruzheniye. Pod red. I. V. Dedinskogo. Moskva, "Mezhdunar. otnosheniya," 1968. 226 p.*

331 Labor. Work. Employment

[History of the labor class of the U. S. S. R.] *Iz istorii rabochego klassa SSSR. Moskva, "Mysl'," 1968. 180 p.*

[Labor in the U. S. S. R. A statistical abstract] *Trud v SSSR. Stat. sbornik. Moskva, "Statistika," 1968. 348 p.*

Logvinov, I. D. [Universal labor is the socialist economy] *Vseshchinskoye truda v sotsialisticheskoi ekonomike. Moskva, "Znanie," 1968. 24 p.* (Novye v shkole, nauka, tekhnika. Seriya "Ekonomika," 8).

Podolskii, I. A. [The economic reform and labor productivity] *Ekonomicheskaya reforma i proizvoditel'nost' truda. Leningrad, 1968. 38 p.*

331.1 Industrial relations: workers and employers

Mikhlin, I. A., and M. M. Sergeev. [Liability for injury to health] *Material'nyy otvetstvenost' za povrezhdeniye zdorov'ya. Moskva, "Turid. lit.," 1968. 56 p.*

Yendryk, E. E. [The captain of industry and his authority] *Komandir promyshlennogo avtoriteta. Moskva, "Znanie," 1968. 61 p.* (Narodnyi universitet: Tekhnicheskoye stroitel'stvo i tekhnika, 10)

331.1(471.2)—Latvia S. S. R.

[Communist regulations on the comrades courts of the Latvian S. S. R.] *Kommunistarli k politizheniti o tovari'skibskikh sudakh Latviansk. SSR. 2-e izpr. i dop. izd. Riga, "Liorma," 1968. 260 p.*

331.2 Wages, salaries, pay

Orlov, L. E. [Analysis of disbursements from the wage fund in an enterprise] *Analiz raschodovaniya fondov zarabotnoi platy na predpriyatii. Moskva, "Ekonomika," 1968. 100 p.*

[Handbook on labor and wages in the construction industry] *Spravochnik po trudu i zarabotnoi plate v stroitel'stve. Pod red. S. A. Mitina i V. M. Samokritova. Izd. 3-e, pererabot. i dop. Moskva, Stroizdat, 1968. 864 p.*

Lopatin, M. D., and V. A. Kozlovskiy. [Wages of workers employed in housing management] *Plata truda rabotnikov zhilishchnogo khozaystva. Moskva, Stroizdat, 1968. 84 p.*

Stepanyuk, B. V., and P. I. Gilevskiy. [A handbook for calculations of wages] *Spravochnik raschetov po zarabotnoi plate. Minsk, "Mysl' i tekhnika," 1968. 236 p.*

Stirnov, G. I. [Development of the payment method for completed construction work] *Razvitiye metoda raschetov na gotovye stroitel'stva produktivnaya. Moskva, Stroizdat, 1968. 113 p.*

331.3 Working hours and conditions. Living conditions of workers. Labor organization. Labor disputes, strikes, etc.

Chernobay, I. I. [Work of automotive transportation brigades according to hourly graphs] *Rabota avtomobil'nykh brigad po chasovym grafikam. Moskva, Transport, 1968. 47 p.*

Pliginskii, M. I. [Labor rights of disabled persons. (Problems of social security and working conditions)] *Trudovyye prava invalidov. (Voprosy sots. obespecheniya i usloviiy truda). Moskva, "Turid. lit.," 1968. 26 p.*

Khrushchev, N. M. [Five plus two. Legal problems relating to the five-day work week] *Plus plus dva. Pravovyye voprosy pichasovoy rabochey nedeli. Moskva, "Turid. lit.," 1968. 70 p.*

Yelagin, M. M., and P. I. Dedyshev. [Establishing work norms on railroads] *Normirovaniye truda na shlezemodorozhnoy transporte. Izd. 2-e, izpr. i dop. Moskva, "Transport," 1968. 31 p.*

330.3 Y. A. [Analysis of the net income of households] Analiz netoogo dokhoda khol'khozov. Moscow, "Statistika," 1968. 83 p.

[Use of fixed assets and working capital on Kolkhozes and Sovkhozes] Ispol'zovanie osnovnykh i obratnykh sredstv v kolkhozakh i sovkhozakh. Minsk, "Urozhai," 1968. 136 p.

330.1(471.331)—Kalining Province
Kalining, L. I. [Three stories of Moldino] Moldinskiye byti. Moscow, Politizdat, 1968. 190 p.

330.1(475)—White Russian S. S. R.
[Building of communism and social changes in the White Russian peasantry] Stroitel'stvo kommunizma i sotsial'nye izmeneniya v krest'yanstve Belorussii. Minsk, "Nauka i tekhnika," 1968. 248 p.

330.1 A. A. [Agrarian problems in western White Russia. (1920-1930)] Agrarnyye voprosy v Zapadnoi Belorussii. (1920-1930 gg.) Minsk, "Nauka i tekhnika," 1968. 301 p.

330.1(471)—Asiatic R. S. S. R.
Kondrikov, I. V. [Russian peasants of Eastern Siberia in the first half of the 19th century, 1800-1861] Russkiye krest'yanse Vostochnoi Sibiri v pervuyu polovinu XIX veka. (1800-1861 gg.) Leningrad, Izd. Leningr. un-va, 1967. 384 p. (Leningrad. Gosudarstvennyi pedagogicheskiy institut imeni A. I. Gertsena. Uchebnye zapiski, vol. 364)

331.1(471.4)—Soviet Far East
Yegorovskiy, A. D. [Problems of the economization of agriculture of the Far East] Voprosy ekonomizatsii sel'skogo khozaystva Dal'nego Vostoka. Khabarovsk, Kn. izd., 1967. 283 p.

330.1(474)—Kazakh S. S. R.
[Collectivization of agriculture in Kazakhstan. (1920-June 1941)] Kollektivizatsiya sel'skogo khozaystva Kazakhstana. (1920- Iyun 1941 gg.) Pod red. A. B. Turmambetova. Alma-Ata, (Ustoria kollektivizatsii sel'skoy-va SSSR. Doklady i materialy). Ch. 2. (1967. 664 p.).

330.1(471.4)—Uzbek S. S. R.
Yegorovskiy, A. D. [On the aspects of the steppe] Osnovy stepnykh promyslov. Alma-Ata, "Kazakhstan," 1968. 144 p.

330.1(475.1)—Uzbek S. S. R.
Akhmedov, M. [The party should show concern for living conditions] Kul'tura byta - partinyya zabota. Tashkent, O'zbekiston. izd., Tashkent KP Uzbekistana, 1968. 28 p.

330.4 Forms of production. Distribution of industry
[Economics of the machinery industry of the U. S. S. R.] Ekonomika mashinostroyitel'noy promyshlennosti SSSR. Moscow, "Mashinostroyeniye," 1968. 230 p.

[The iron and steel industry of Japan and Britain. Translated from the English] Chernaya metallurgiya Yaponii i Anglii. Predisl. V. V. Lompl'anskogo, A. M. Brodskogo. Moscow, "Progress," 1967. 166 p.

[Methodological principles for working out schemes of the specialization and comprehensive development of industrial centers] Metodicheskiye polozheniya po razrabotke skhem spetsializatsii i kompleksnogo razvitiya promyshlennykh tsentrov. Sverdlovsk, Izd. "Uralskoy kn. izd., 1968. 180 p.

[Problems of economic efficiency in the distribution of socialist production in the U. S. S. R.] Problemy ekonomicheskoy effektivnosti raspredeleniya sotsialisticheskogo proizvodstva v SSSR. Moscow, "Nauka," 1968. 382 p.

[Problems of forestry, and of the wood and chemical industry] Voprosy lesnogo khozaystva, khimicheskoy i cellyuloznoy promyshlennosti. Minsk, "Vysheish. shkola," 1967. 136 p.

330.4(475.104)—Capitalist countries of the world
[Tricks on the economies of capitalism] Rezesy po politicheskoy ekonomii kapitalizma. 2-e dop. izd. Moscow, Politizdat, 1968. 240 p.

330.4(478)—Moldavian S. S. R.
Ondey, A. A., and D. S. Toru. [Creating the heavy industry in the Moldavian S. S. R.] Razvitiye problema i tendentsii razvitiya tyazhelaye promyshlennost' v Moldavskoy SSR. Osnovnye problemy i napravleniya razvitiya. Kishinev, "Kartia moldovenesca," 1967. 147 p.

330.8 Price and value. Cost
Shkol'nikov, T. P. [Cost and profit in one thinking] Stoimost' i pribyl' v gosudarstvennoy promyshlennosti. Moscow, "Medra," 1967. 148 p.

330.6 Organization of production
Shkol'nikov, T. P., and V. M. Shchegoleva. [Mathematical programming in the woodworking industry] Matematicheskoye programirovaniye v derevobratnykh promyshlennost'. Moscow, "Leksia prom-st," 1968. 184 p.

330.6 Factors of production. Form of economy, etc.
[Technological progress and structural changes in industry] Tekhnicheskyye progress i strukturnyye izmeneniya v promyshlennosti. (Sbornik statei). Pod red. Lebedeva, V. G. i V. K. Polternygina. Moscow, "Mysl'," 1968. 236 p.

330.9(475.104)—Capitalist countries of the world
Kishinev, V. I. [Capitalism or "Industrial society"] Problemy kontempornyy kapitalizma i burzhuaznoy sotsiologii Kapitalizm i "industrial'noye obshchestvo" Problemy svetsko, kapitalizma i burzhuaznoy sotsiologii. Moscow, "Mekadunar. otnosheniya," 1968. 207 p.

330.9(471.334)—Voronezh Province
Gladkov, G. T. [Voronezh Province. Economic geography] Voronezhskaya oblast'. Ekonom. geografika. Voronezh, Izd. Voronezhskogo un-va, 1967. 281 p.

330.9(475.22)—Georgian S. S. R.
[History of the industrialization of the Georgian S. S. R. (1920-1941)] Istoriya industrializatsii Gruzinskoy SSR. (1920-1941 gg.) Pod red. A. I. Khokhlovskiy (glav. red. i dr.) Tbilisi, "Mekadunar. otnosheniya," 1968. 170 p.

330.88 Economic planning and control
[Current problems in the science of economics in the light of the decisions of the September Plenum of the Central Committee of the CPSU (1966)] Aktual'nyye problemy ekonomicheskoy nauki v svyazii s resheniyami Plenuma TsK CPSU (1966 g.). [Kyiv], Vyd-vo Kyivskoho un-va, 1968. 88 p.

[Materials of a discussion on optimal planning] Materialy diskussii ob optimal'nom planirovani. Moscow, 1968. [Materials of a discussion on optimal planning] Materialy. Moscow, "Ekonomika," 1968. 183 p.

[Planning for the local economy and cultural development] Planirovaniye mesteinogo khozaystva i kul'turnogo stroitel'stva. Moscow, "Ekonomika," 1968. 243 p.

330.88 Proportionality of social production. Principles on the theory and methodology of planning
[Proportionality of social production] Proporcional'nost' obshchestvennogo proizvodstva. (Osnovy teorii i metodologii planirovaniya). Moscow, "Ekonomika," 1968. 218 p.

330.88(437)—Czechoslovakia
[New developments in the planning and management of the national economy in the Czechoslovak Socialist Republic. Translated from the Czech] Novyye razvitiya v upravlenii narodnoy khozaystvennoy kul'turoy v ChSSR. Pod obshch. red. S. L. Malenkovskoy, Moscow, "Progress," 1968. 232 p.

330.88 Distribution, consumption of wealth or goods, standard of living, etc.

[Income and the purchasing demand of the population] Dokhody i potrobitel'skiy spros naseleniya. Moscow, "Statistika," 1968. 178 p.

[The population and national welfare] Naseleniye i narodnoye blagopoluchiy. Moscow, "Vyssh. shkola," 1968. 187 p.

330.9(475)—White Russian S. S. R.
Bayev, E. I. [National income of White Russia. Practice in compiling the production, distribution and use of national income in the prerevolutionary and Soviet White Russia] Natsional'nyy dokhod Belorussii. Opyt ischisleniya proizvodstva, raspredeleniya i ispol'zovaniya nats. dokhoda predrevolyutsii i Sovetskoy Belorussii. Minsk, "Nauka i tekhnika," 1968. 148 p.

330.85 Conservation of wealth and natural resources

330.85(471)—Asiatic R. S. S. R.
Krylov, G. Y. [Land of localizable wealth. Natural resources of Western Siberia and their full utilization] Strany raspolozheniya bogatstv. Prirodnye resursy Zap. Sibiri i ikh kompleksnoye ispol'zovanie. Novosibirsk, [Razv. kn. izd.], 1968. 128 p.

34 JURISPRUDENCE. LAW. LEGISLATION

340.1 Subjective rights and the forms of their defense
Shkol'nikov, T. P. [Subjective rights and the forms of their defense] Sub'ektivnoye pravo i formy ego zaushchity. Leningrad, Izd. Leningr. un-va, 1968. 73 p.

[Comments on the model statutes of a socialist government-owned industrial enterprise] Kommentarii k položeniya o sotsialisticheskoy gosudarstvennoy promyshlennosti v predpriyati. Pod red. V. V. Laptina. Moscow, "Urozhai," 1968. 204 p.

340.1 Principles of contemporary law. (Comparative law). Translated from the French
Osnovnye pravyye sistemy sovremennosti. (Svrnyatel'noye pravo). Moscow, "Progress," 1967. 498 p.

[History of the state and law of the U. S. S. R. (A collection of documents)] Istoriya gosudarstva i prava SSSR. (Sbornik dokumentov). [Moskva] "Urozhai." Ch. 2. 1968. 808 p.

[Karl Marx on the state and law. On the 150th anniversary of his birth] Karl Marks o gosudarstve i prave. K 150-letiyu so dnya rozhdeniya. Glav. red. V. M. Chikhovskoy. [Moskva, "Urozhai," 1968]. 207 p.

340.1 Preparation of drafts of normative acts. (Organization and methods) Podgotovka projektov normativnykh aktov. (Organizatsiya i metody). Moscow, "Urozhai," 1968. 107 p.

[Soviet people's legislation] Sovetskaya narodnaya zakonodatel'stvo. Moscow, "Izvestiya," 1968. 448 p.

[Theory of the state and law] Teoriya gosudarstva i prava. Moscow, "Urozhai," 1968. 640 p.

34(161)—New states
Shkol'nikov, T. P. [Origin and nature of the state and law in the countries liberated from colonial dependence] Vozniknoveniye sostoyaniya gosudarstva i prava stran, osvobodivshiesya ot kolonial'noy zavisimosti. Moscow, 1968. 80 p.

340.144 Collection
[History of the codification of Soviet laws] Razvitiye kodifikatsii Sovetskogo zakonodatel'stva. Moscow, "Urozhai," 1968. 247 p.

340.8 Forensic medicine and chemistry. Medical jurisprudence
Yegorovskiy, I. V., M. A. Singer, and A. K. Tumanov. [Forensic medicine. (Textbook for secondary vocational schools)] Sudebnaya meditsina. (Uchebnik dlya sred. spets. shkol. naucheni). Moscow, "Urozhai," 1967. 248 p.

341 International law
Shkol'nikov, T. P. [International law problems of economics] Mekadunarodno-pravovyye voprosy ekonomiki. Moscow, "Mekadunar. otnosheniya," 1968. 100 p.

341.7 Diplomacy and consular law
Kovalev, A. A. [ABC of diplomacy] Alfabet diplomatsii. Izd. 2-e, pererabot. i dop. Moscow, "Mekadunar. otnosheniya," 1968. 208 p.

342 Public law. Constitutional law
Shkol'nikov, T. P. [Rights of the U. S. S. R. and the Union Republics. (Problems in constitutional law)] Konstitutsiya SSSR i sotsialnoy respubliky. (Konstitutsiya, voprosy). Moscow, "Nauka," 1968. 137 p.

342.34 Federalism
Shkol'nikov, T. P. [Rights of the U. S. S. R. and the Union Republics. (Problems in constitutional law)] Konstitutsiya SSSR i sotsialnoy respubliky. (Konstitutsiya, voprosy). Moscow, "Nauka," 1968. 237 p.

342.4 Constitutions
342.4(475.104)—Capitalist countries of the world
[Constitutions of bourgeois countries. A collection of documents] Konstitutsii burzhuaznykh stran. Sbornik dokumentov. Vstup. slovo I. U. T. Kuznetsova. Moscow, "Urozhai," 1968. 188 p.

343 Criminal law
Shkol'nikov, T. P., and G. I. Zhelozov. [Who is hoodlumism] Kriminologiiya - sliki krovny. "Nauka," 1967. 83 p.

343.1 Criminal law and the personality of criminals. (A textbook) Ugolovnyy zakon i ličnosti' prestupnika. (Uchebnoye posobie) Moscow, "Nauka," 1968. 77 p.

343(474.2)—Belorussian S. S. R.

[Criminal code of the Belorussian S. S. R. An edition with commentaries] Ugolovnyy kodeks Belorusskoy SSR. Kommentarii. Izd. Tallin, "Kest' razumat," 1968. 808 p.

343(478)—Moldavian S. S. R.

[Comments on the criminal code of the Moldavian S. S. R.] Kommentarii k ugolovnomu kodeksu Moldavskoy SSR. Pod red. Belikova, M. A., Buzukova, A. I. Kishinev, "Kartia moldovenesca," 1968. 308 p.

- 343.1 Criminal procedure
[Crime prevention and forensic expertise] Preduprzedzanie prestupnosti i sudobnaia ekspertiza. Moskva, "Türk. lit.," 1964. 191 p.
- Perlov, I. D. [Appellate procedure in Soviet criminal procedure] Kasseisskoe protivostoyanie v sovetskoy upolnomotsvennoy. Moskva, "Türk. lit.," 1964. 385 p.
- [Problems of legal defense in criminal cases] Voprosy zastupstva po upolnomotsvennoy delam. Sbornik stat'ev. Pod red. P. S. Mikhlin. Leningrad, Izd. Leningr. un-ta, 1967. 304 p.
- 343.1(478)—White Russian S. S. R.
[Commentsaries to the criminal procedure code of the White Russian S. S. R.] Kommentarii k Upolnomotsvennoy protivostoyaniya kodeksu Belorusskoy SSR. Pod obshch. red. S. T. Sharyko. Izd. 2-e, korr. i dop. Minsk, "Belarus", 1963. 562 p.
- 343.8 Forensic. Crime prevention and detection
[Crime prevention and forensic expertise] Preduprzedzanie prestupnosti i sudobnaia ekspertiza. Moskva, "Türk. lit.," 1964. 191 p.
- Stroka, R. I. [Crimes against socialist property and how to prevent them] Prestupleniya protiv sotsialisticheskoy sobstvennosti borba s nimi. Voronezh, Izd. Voronezhskogo un-ta, 1964. 203 p.
- 343.9 Criminology
Gerasimov, A. A. [Criminal law and the personality of criminals. A textbook] Upolnomotsvennoy zakon i lichnost' prestupnika. (Uchebnoye posobie) Moskva, "Znanie," 1963. 77 p. (Mirovaya universitet. Fakul'tet pravnykh nauk. 10).
- Kudryavtsev, V. N. [Causation in criminology. (Structure of individual criminal behavior)] Prichiny i struktura individual'nogo prestupnogo povedeniya. Moskva, "Türk. lit.," 1966. 178 p.
- 347 Private law. Civil law
Chaschot, D. M. [Subjective rights and the forms of their defense] Subektivnoye pravo i formy ego zashchity. Leningrad, Izd. Leningr. un-ta, 1964. 73 p.
- Krasovskiy, I. A. and A. M. Gerasimov. [Legal status of minors] Grazhdansko-pravovoye polozheniye nosoverashennyletnykh. Moskva, "Türk. lit.," 1964. 134 p.
- Melikh, S. B. [Handbook on legal problems in accepting fruit and vegetable crops] Spravochnik po pravovym voprosam priyemki plodovovozrastnoy produktii. Minsk, "Türk. lit.," 1964. 203 p.
- Polevina, S. V. [Basic principles of civil law and civil codes] Osnovy grazhdanskogo zakonodatel'stva i grazhdanskoy kodeksy. Moskva, "Türk. lit.," 1964. 191 p.
- Shkarskiy, I. U. R. [Analysis of the norms of Soviet civil law] Analiz normy sovetskogo grazhdanskogo prava. Voronezh, Izd. Voronezhskogo un-ta, 1964. 133 p.
- 347(478)—Moldavian S. S. R.
Davydov, V. I. [Basic principles and characteristics of the code of Moldavian civil law] Osnovy polozheniya i osobennosti grazhdanskogo kodeksa Moldaviy. Kishinev "Karta moldoveneste," 1966. 194 p.
- 347.81 Legal liability
Klenov, M. A., and V. G. Melov. [Material liability of workers and employees in the enterprises] Material'naya otvetstvennost' rabotnikov i sluzhbasnykh na predpriyatiy. Moskva, "Türk. lit.," 1964. 163 p.
- Melikh, S. B., and M. I. Gerasimov. [Liability for injury to health] Material'naya otvetstvennost' za povrezhdeniye zdorov'ya. Moskva, "Türk. lit.," 1964. 200 p.
- 347.8 Commercial law
Abay, T. E., and V. G. Tsygareva. [Solving commercial conflicts] Resheniye kommersialnykh sporov. Moskva, "Türk. lit.," 1964. 179 p.
- Chernikova, S. V. [International law problems of citizenship] Mezhdunarodno-pravovyye voprosy grazhdanstva. Moskva, "Mezhdunar. Otnosheniya," 1964. 180 p.
- 347.9 Procedure. Judiciary personnel organization, courts
Golovinskiy, I. M. [Public participation in the administration of justice] Uchastie obshchestvennosti v upravlenii pravosudiem. Frunze, "Iltis," 1963. 130 p.
- 347.9(474.3)—Latvian S. S. R.
[Commentsaries to regulations on the organized courts of the Latvian S. S. R.] Kommentarii k polozheniyu o tovarishchestvennykh sudakh Latvisskoy SSR. 2-e izpr. i dop. Riga, "Lietuva," 1968. 260 p.
- 347.9(494)—European communist countries as a group
[Communist courts in the European socialist countries] Obshchestvennyye sudy v Evropeyskikh sotsialisticheskikh stranakh. Moskva, Izd. Mosk. un-ta, 1964. 182 p.
- 347.91 Civil procedure
Dudov, V. A. [Public prosecutors' supervision in the examination of civil cases. A textbook for the students of correspondence and evening departments on "Supervisory functions of public prosecutors in the U. S. S. R."] Prokurorskiy nadzor po grazhdanskim delam. Ucheb. posobie dlya studentov vechernego i smoch. odd-nil po kursu "Prokurorskiy nadzor v SSR." Leningrad, Izd. Leningr. un-ta, 1966. 32 p.
- 347.9(44)—France
Averin, D. D. [Class nature and principal features of French civil procedure] Klassovaya priroda i osnovnyye znachitel'nyye osobennosti prava. Moskva, Izd. Mosk. un-ta, 1964. 46 p.
- 347.9(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
[Civil procedure code of the R. S. F. S. R. Official text with a supplementary index to articles] Grazhdanskii protivostoyaniya kodeks RSFSR. Ots. i sk. s pril. poslatno-ekonomichesk. materialov. Moskva, "Türk. lit.," 1966. 331 p.
- 347.953 Public prosecutor
[Commentsaries to the Regulations on the Supervisory Functions of Public Prosecutors in the U. S. S. R.] Kommentarii k polozheniyu o prokurorskom nadzore v SSR. Pod red. M. V. Zhigala. Moskva, "Türk. lit.," 1964. 323 p.
- Dudov, V. A. [Public prosecutors' supervision in the examination of civil cases. A textbook for the students of correspondence and evening departments on "Supervisory functions of public prosecutors in the U. S. S. R."] Prokurorskiy nadzor po grazhdanskim delam. Ucheb. posobie dlya studentov vechernego i smoch. odd-nil po kursu "Prokurorskiy nadzor v SSR." Leningrad, Izd. Leningr. un-ta, 1966. 32 p.
- 347.963 Arbitration
Abay, T. E., and V. G. Tsygareva. [Solving commercial conflicts] Mezhdunarodnye kommersialnyye spory. Moskva, "Türk. lit.," 1964. 179 p.
- 36 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW
- 361 Government legislation. Public service. Control. Regulations
Pavlov, A. A. [Preparation of drafts of normative acts. (Organization and methods)] Podgotovka projektov normativnykh aktov. (Organizatsiya i metody). Moskva, "Türk. lit.," 1966. 167 p.
- Kalidovich, R. M. [Mathematical methods in the economics and planning of material services] Matematicheskiye metody v ekonomike i planirovaniy kommersial'nogo khozaystva. Moskva, Voenizdat, 1966. 204 p.
- 361.74 Police, civil guard, political police, state secret police, etc.
[Soldiers of inviolable battles. Stories on the heroic deeds of the chekists] Soldaty nezvuknykh bitv. Russkoye o podvignakh chekistov. Spet. I. I. Smolov. Moskva, Voenizdat, 1964. 364 p.
- 361.74(471.318)—Yaroslavl Province
Bashkov, V. P. [In the struggle against the counter-revolution. (Chekists of the Yaroslavl Government during the civil war)] V borbu s kontrrevolyutsiyey. (Izbr. otkrytyye v gody gram. voyny). Yaroslavl, Verkh.-Volzh. kn. izd., 1966. 64 p.
- 361.76 Public security, morals
[Formation of personality in the industrial collectives] Formirovaniye lichnosti v promyshlennom kollektive. Moskva, "Mysl", 1964. 166 p.
- 361.82 Economic legislation and control, agriculture, trade and industry
Ilyash, U. I. [Theoretical principles of the legal rules which regulate the use of irrigated lands in the U. S. S. R.] Teoreticheskiye osnovy pravovogo resheniya oroshayemykh zemel' v SSR. Frunze, "Iltis," 1966. 206 p.
- Molodtseva, M. M. [Legal principles of the seizure of real estate in the U. S. S. R.] Pravovyye osnovy zemei'nogo kusa v Rossii. Moskva, Izd. Mosk. un-ta, 1966. 278 p.
- [Regulation of state trade in the U. S. S. R.] Regulirovaniye gosudarstvennoy torgovli v SSR. Moskva, "Khozimizn", 1966. 343 p.
- 361.83 Labor legislation and control
Korotkov, I. M. [Five plus two. Legal problems relating to the five-day work week] Piat' plus dva. Pravovyye voprosy p'atidnevnoy rabochey nedeli. Moskva, "Türk. lit.," 1964. 70 p.
- Smirnov, O. V. [Effectiveness of the legal regulation of the organization of labor in industrial enterprises] Effektivnost' pravovogo regulirovaniya organizatsii truda na predpriyatiy. Moskva, "Türk. lit.," 1966. 123 p.
- 361.85 Public education, enlightenment and culture. Encouragement of science and the arts, etc.
Danilevich, R. V. [Development of cultural cooperation among the peoples of the U. S. S. R. (1950-1967). Based on the materials of cultural cooperation between the Moldavian S. S. R. and other Soviet republics] Razvitiye kul'turnogo sotrudnichestva narodov SSR (1950-1967) na materialakh kul'turnogo sotrudnichestva SSR s drugimi sotsialisticheskimi respublikami. Kishinev, 1968. 93 p.
- [Planning for the local economy and cultural development] Planirovaniye mestnogo khozaystva i kul'turnogo stroitel'stva. Moskva, "Khozimizn", 1968. 200 p.
- 361.85(478)—Moldavian S. S. R.
Danilevich, R. V. [Development of cultural cooperation among the peoples of the U. S. S. R. (1950-1967). Based on the materials of cultural cooperation between the Moldavian S. S. R. and other Soviet republics] Razvitiye kul'turnogo sotrudnichestva narodov SSR (1950-1967) na materialakh kul'turnogo sotrudnichestva SSR s drugimi sotsialisticheskimi respublikami. Kishinev, 1968. 93 p.
- 362 Local government. Municipal administration
[An aid to the personnel of rural soviets] V pomoshch' rabotnikam sel'skikh Sovetov. Moskva, "Izvestiya," 1964. 356 p.
- [Collection of normative acts. An aid to the personnel of local soviets] Sbornik normativnykh aktov. (V pomoshch' rabotnikam mestnykh Sovetov). Kishinev, "Karta moldoveneste," 1966. 731 p.
- [Handbook for deputies of local soviets. (A practical manual)] V pomoshch' deputatam mestnogo Soveta. (Prakt. posobie). Otv. red. V. I. Vasil'ev. Moskva, "Türk. lit.," 1966. 157 p.
- Zakharova, L. G. [Cooperation of the economy in 1960] Kooptatsiya kontrolyrov 1960 g. Pod red. P. A. Zakharova. Moskva, Izd. Mosk. un-ta, 1964. 778 p.
- 362(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
[Law of the Russian Soviet Federated Socialist Republic on rural settlement soviets of workers' deputies in the R. S. F. S. R. Adopted at the third session of the Seventh Supreme Soviet of the R. S. F. S. R.] Zakon Rossiyskoy Sovetskoy Federatsiiy Sotsialisticheskoy Respubliki o sel'skoy poselkovykh Sovetakh deputatov trudoobshchestvennykh RSFSR. Prilozheniye k Izvestiyam Vostochnogo Soveta RSFSR sel'nogo soyuza. Moskva, 1961. 64 p.
- 364 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES
Chernikov, A. I. [Born in combat] V boevykh rolyakh. Moskva, Izd. DOGAAP, 1967. 181 p.
- Klenov, I. D. [Chinese-Russian military and technological dictionary] Kitaisko-russkiy voennyi i tekhnicheskii slovar'. Moskva, Voenizdat, 1966. 506 p.
- [Problems of military economics in an economic course] Voenno-ekonomicheskiye voprosy v kursе polit-ekonomii. Pod red. R. V. Bolokova. Moskva, Voenizdat, 1964. 304 p.
- Sergey, S. S. [Danish-Russian military dictionary] Dansko-russkiy voennyi slovar'. Moskva, Voenizdat, 1964. 330 p.
- Trofimov, O. A. [Strategy of a global war] Strategiya global'noy voyny. Moskva, "Mezhdunar. Otnosheniya," 1964. 263 p.
- 364(78)—United States of America
Danilevich, R. V., and O. A. Trofimov. [The U. S. Army as it is] Armia SSHA kak ona est'. Pod obshch. red. A. M. Gerasimova. Izd. 2-e, perarabot. i dop. Moskva, "Voenizdat," 1966. 308 p.
- Parshakov, V. B., and I. V. Trushin. [Merry-go-round of death] Karusel' smerti. Moskva, Politizdat, 1964. 64 p.

Turekha, P. K., comp. [Russian-French aeronautical dictionary. About 30,000 terms] Russko-frantsuzskii aviatkhnicheskii slovar'. Okolo 30 000 terminov. Pod red. N. Z. Treznova. Moskva, "Sov. ensiklopediya," 1968. 634 p.
 Yel'shteyn, S. I. [... to the horizon of all people. The way of Paul Eluard]. ... k gorizontu vseh liudei. Put' Polia Eluarda. Moskva, "Khudozh. lit.," 1948. 223 p.
 48 Slavic and Baltic languages
 [Comparative historical syntax of the East Slavic languages. Parts of a sentence] Sravnitel'no-istoricheskii sintaksis vostochnoslavianskikh yazykov. Chast' predlozheniya. Moskva, "Nauka," 1968. 297 p.
 [Problems in Slavic linguistics] Voprosy slavyanskoy lingvistiky. Sbornik statei. Pod red. L. I. Baranovskoy. Leningrad, Izd. Akad. na-uk, 1948. 183 p.
 492 Russian
 Agapin, Y. L. [French-Russian and Russian-French dictionary of oil-field terminology for schools of higher education not specializing in foreign languages] Frantsuzsko-russkii i russko-frantsuzskii terminologicheskii slovar' po neftegornopromyslovomu slovu dlya vysshikh shkol. Moskva, "Vyssh. shkola," 1968. 222 p.
 Avanesov, R. I. [Russian literary pronunciation. A manual for students of medical institutions] Russkoe literaturnoe proiznosheniye. Ucheb. posobie dlya studentov med. in-ov. Izd. 4-ye, pereispr. i dop. Moskva, "Prosvetshchik," 1963. 287 p.
 Baranov, V. and V. Galitskiy. [Russian - Lithuanian dictionary] Russko-litovskii slovar'. Vilnius, "Mintis," 1957. 2 v.
 [Development of functional styles in modern Russian] Razvitiye funktsional'nykh stilei sovremenogo russkogo yazyka. Moskva, "Nauka," 1968. 221 p.
 [German-Russian dictionary. 80,000 words] Nemetsko-russkii slovar'. 80 000 slov. Pod red. A. A. Lapina i N. P. Struchovskoy. Izd. 4-ye, stereotip. Moskva, "Sov. ensiklopediya," 1948. 981 p.
 Orshchikova, K. V. [Studies on the historical dialectology of northern Russia. (Based on the data of historical phonology)] Ocherki istoricheskoi dialektologii severnoi Russii. (Po dannym izd. fonologii). Moskva, Izd. Akad. na-uk, 1958. 92 p.
 Kiselev, I. D. [Chinese-Russian military and technological dictionary] Kitaisko-russkii voennyi i tekhnicheskii slovar'. Moskva, Voenizdat, 1948. 840 p.
 [Mia is a friend, comrade and brother to me. Partially programmed materials in Russian for independent work of foreign students in preparatory departments] Chelovek cheloveku - drug, brat' i drug. Chastichno programirovannyye materialy po razrabotke mya dlya samostoyatel'noy raboty studentov-inostrantsev podgotovlennykh k vstupu v universitet. Kiev, 1968. 280 p. (CU)
 Polinsky, A. A. [From notes on Russian grammar] Iz zapisk po russkoy grammatike. Moskva, "Prosvetshchik," 1963. 233 p.
 T. 3. [Changes in meaning and substitutions of nouns] Ob izmenenii smysla i zamenakh sostavnykh slovoispol'zovaniy. 1968. xiv, 142 p.
 [Polish dialects] Polovskie govory. Polov. 2. [Translations of the Second Polish Dialectological Conference of 1954. In memory of B. A. Luria] Trudy Vtoroi Polovskoi dialektologicheskoi konferentsii 1954 goda. Pamiati B. A. Lurii. 1968. 270 p.
 [Russian literary speech in the 18th century. Three-volume. Neologisms, Psems] Russkaya literaturnaya rech' v XVIII veka. Neologizmy. Psems. Kazanskoye. Moskva, "Nauka," 1968. 270 p.
 [Russian-Yiddish dictionary. Approximately 25,000 words] Russko-yiditskii slovar'. Okolo 25 000 slov. Pod red. P. S. Abram'seva i L. M. Khurlovoy. Moskva, "Sov. ensiklopediya," 1968. 720 p.
 [Grammatical principles of translating from English into Russian] Grammaticheskie osnovy perevoda s angliyskogo yazyka na russkii. Izd. 3-ye, ispr. Moskov-sk-Dom, Izd. Akad. na-uk, 1948. 178 p.
 Bergsøe, S. S. [Danish-Russian military dictionary] Dantsko-russkii voennyi slovar'. Moskva, Voenizdat, 1963. 224 p.
 Gytshikovskaya, E. A., and M. G. Shchegoleva. [Dialectal material for Russian language students in the 31 grade] Dialekticheskiy material dlya studentov po russkomu yazyku po 3-emu klasse. Izd. 2. Moskva, Oshpediya, 1968. 243 p. (NRU)
 [Textbook for developing skills of the spoken language for foreigners. (Russian language)] Podruchnik po razvitiyu myagkoy umnoi rechi dlya inostrantsev. (Rus. iz.). Izd. 2-ye, ispr. Moskva, "Nauka," 1967. 140 p.
 Turekha, P. K., comp. [Russian-French aeronautical dictionary. About 30,000 terms] Russko-frantsuzskii aviatkhnicheskii slovar'. Okolo 30 000 terminov. Pod red. N. Z. Treznova. Moskva, "Sov. ensiklopediya," 1968. 634 p.
 [Turkish-Russian dictionary. Approximately 25,000 words] Turtskoye-russkii slovar'. Okolo 25 000 slov. Pod red. E. R. Turekha. Moskva, "Sov. ensiklopediya," 1968. 644 p.
 492.9 White Russian
 [Polish (Linguistics. Archaeology. Toponymics)] Poleska (Lingvistyka. Arkheologiya. Toponimika). Moskva, "Nauka," 1968. 303 p.
 [Cards for practicing White Russian in the 7th and 8th grades] Kartki dlya prakticheskogo po belarusskuyu movu VII-VIII klasy shkol. "Narodnaya shkola," Ch. 2. 1967. 278 p.
 493 Ukrainian
 [Trubachev, O. M. [Names of the rivers of the right-bank Ukraine. Word formation, etymology, etic interpretation] Nazvannya rek pravoberezhnoi Ukrainy Slovoobrazovniye, etimologiya, etich. interpretatsiya. Moskva, "Nauka," 1968. 280 p.
 496 Baltic languages
 Baranov, V., and V. Galitskiy. [Russian - Lithuanian dictionary] Russko-litovskii slovar'. Vilnius, "Mintis," 1957. 2 v.
 497 Other Indo-European languages
 Balkarov, B. Kh. [Abyghe elements in the Ossetic language] Abyghe elementy v osetinskoy yazyke. Redaktor V. I. Abayev. Mal'tshik, Kabardin-Balkarskoye na-izd., 1966. 128 p. (NRU)
 Demichelskiy, A. V. [The Albanian language and its dialects] Albantskiy yazyk i ego dialekty. Leningrad, "Nauka," 1968. 240 p.
 [Dictionary of Arabic and Persian words. (For reading classical Azerbaidzhan literature)] Slovar' Arabskikh i persidskikh slov. (Dlya obshchego khlusskikh azerbaidzh. literatury). Baku, Izd. AN Azerb., 1967. 1036 p.
 Kichas, Seta. [Affixes in the modern Armenian language] Affiks v sovremennoy armianskoy yazyke. Erevan, Izd. AN Armianskoi SSR, 1963. 242 p. (NRU)
 Kichas, Seta. [Armenian. (Archi dialect)] (Architskii dialekt. Erevan, Izd. AN Armianskoi SSR, 1960. [In Armenian] (NRU)
 498 Semitic languages
 [Arabic philology] Arabistika filologiya. Sbornik statei. Pod red. A. A. Kovaleva i G. M. Obshchinskoy. Moskva, Izd. Akad. na-uk, 1968. 303 p.
 [Dictionary of Arabic and Persian words. (For reading classical Azerbaidzhan literature)] Slovar' Arabskikh i persidskikh slov. (Dlya obshchego khlusskikh azerbaidzh. literatury). Baku, Izd. AN Azerb., 1967. 1036 p.
 Kichas, Seta. [The Moroccan dialect of the Arabic language] Marokkanskiy dialekt arabskogo yazyka. Moskva, "Nauka," 1958. 123 p.
 499.1 Ural-Altaic languages
 [Mordvinian. (Mordvinian writing)] Izskid mordvinskogo pis'mennosti. Moskva, "Nauka," 1968. 98 p. (NRU)
 [Circassian and Tataric] Goryl i Iakutsk. Iakutsk, Iakutskizdat, 1968. 124 p.
 [A grammar of the Kazakh language] Qazaq tilining grammatikasy. Almaty, "Qazaq," [In Kazakh]. II. [Syntax] Sintaksis. 1967. 236 p.
 [Modern Koml. A manual for schools of higher education] Sovremennyy koml yazyk. Ucheb. posobie dlya vyssh. shkol avstralsk. Svytzyur, Koml na-izd. Ch. 2. [Syntax] Sintaksis. Pod red. M. M. Sal'kova. 1967. 204 p.
 [Russian-Yakut dictionary. Approximately 25,000 words] Russko-yakutskii slovar'. Okolo 25 000 slov. Pod red. P. S. Abram'seva i L. M. Khurlovoy. Moskva, "Sov. ensiklopediya," 1968. 720 p.
 Turekha, P. K. [Vowel sounds in the Ugar and Kazakh languages. Experience in comparative analysis of anatomical and physiological characteristics of vowel phonemes and their changes in modern Ugar and Kazakh literary languages] Glasnye zvuki ugarskogo i kazakhskogo yazykov. Opyt sravnitel'nogo analiza anatomicheskikh i fiziologicheskikh kharakteristik glasnykh zvukov i ikh izmeneniy v sovrem. yazyk. I kn. II kn. Almaty-Ast., "Nauka," 1964. 144 p.
 [Turkish-Russian dictionary. Approximately 25,000 words] Turtskoye-russkii slovar'. Okolo 25 000 slov. Pod red. E. R. Turekha. Moskva, "Sov. ensiklopediya," 1968. 644 p.
 499.2 Other minor languages
 [A Not collection. Linguistics] Yazyki aborigenov. Linguistika. Moskva, "Nauka," 1968. 234 p.
 5 MATHEMATICS AND NATURAL SCIENCES
 500 General
 Kopylov, P. V. [Logical principles of science] Logicheskie osnovy nauki. Kiev, "Mukova dachka," 1968. 253 p.
 Korotkiy, G. P. [Principles of science. (Problems of the correlation between nature and human systems)] Printsipy nauki. (K voprosu o sootnoshenii prirody i cheloveka). Leningrad, Izd. Leningr. na-izd., 1968. 163 p.
 501 Exact science in general
 Shvachkin, P. E. [Methodological problems of an experiment in natural sciences] Metodologicheskiye problemy eksperimental'nogo issledovaniya. Moskva, Izd. Mosk. na-izd., 1968. 270 p.
 502 Natural history in general
 Korotkiy, T. B. [Principles of nature study] Osnovy prirodovedeniya. Kyiv, "Radnitsa na shkola," 1967. 250 p.
 Shvachkin, P. E. [Synthesis in nature] Sintaksis v prirode. Leningrad, "Nauka," 1968. 164 p.
 51 MATHEMATICS
 AKADEMIYA NAUK AZERBAIDZHANSKOY SSR. [Materials of a scientific and theoretical conference of young scientists] Materialy nauchno-teoreticheskoi konferentsii molodykh nauchnykh. Baku, Izd. AN Azerbaidzhanskoi SSR. Kn. 2. [Series on physics and mathematics] (Seriya fiziko-matematicheskikh nauk) 1967. 92 p.
 Alexander Petrovich Kotalkov. 1869-1944. Moskva, "Nauka," 1968. 133 p.
 [An aid to teachers teaching the most complex subjects of the mathematics program. Methodological recommendations] V pomoshch' uchitelu pri predlozhenii matematicheskikh tem programmy po matematike. Metod. rekomendatsii. Moskva, 1967. 102 p.
 [History of Soviet mathematics. In four volumes] Istoriya otechestvennoi matematiki. V 4-kh t. Otv. red. I. K. Shklovskiy (Iv. red.) 1 dr. Kiev, "Mukova dachka," T. 3. 1917-1967. Red. I. K. Shklovskiy (Iv. red.) 1 dr. 1964. 798 p.
 [Latvian mathematical yearbook] Latvinskiy matematicheskii zhurnal. Riga, "Zinatne." [In Latvian]. 1968.

Laptev, V. V., K. M. Mikhomedy, and V. G. Pavlov. [Superionic flow about blue coaxes taking into consideration equilibrium physicochemical transformations] Otsvetstvuyushchaya stabilizatsiya prikladnykh kakovostey s uchastviem raznovalentnykh fluktuatsionnykh prevrashcheniy. Moscow, 1968. 203 p.

[Physics and technology of superhigh vacuum] Fizika i tekhnika sverkhvysokogo vakuumu. Stomik statel. Pod obshch. red. G. L. Shteyngoltsa. Leningrad, "Mashino stroenie," 1968. 180 p.

532.4/5.103—Comminutal countries of the world

[Review of the mineral resources of the capitalist countries of the world (capitalist and developing countries) for the beginning of 1967] Obzor mineral'nykh resursov stran kapitalisticheskogo mira (kapitalisticheskikh i razvivayushchikhsya stran) na nachalo 1967 g. Pod red. N. A. Bykova. Moscow, 1968. 275 p.

533.9 Plasma physics
Frank-Durand, D. A. [Lectures on plasma physics] Lektsii po fizike plazmy. Vol. 2-a. Moscow, Atomizdat, 1968. 185 p.

Smirnov, B. M. [Atomic collisions and elementary processes in a plasma] Atomnye stolknoveniya i elementarnyye protsessy v plazme. Moscow, Atomizdat, 1968. 363 p.

[Study of the electric arc and the plasmatron] Issledovaniye elektricheskoy duki i plazmatrona. Frunze, "Ilim," 1968. 76 p.

534 Vibration. Acoustic. Sound
[Applied acoustics and vibration techniques] Prikladnaya akustika i vibratsionnaya tekhnika. Kiev, "Mashkino stroenie," 1968. 178 p.

[Durability, stability, vibration] Prochnost', ustoychivost', kolebaniya. Spravochnik. V 2-kh t. Pod obshch. red. I. A. Birgera i I. A. G. Panova. Moscow, "Mashino stroenie," 1968. 483 p.

Lachyanski, M. D. [Three-dimensional hypersonic gas flow] Tret'yeizmernyye gipervysokosye techeniya gazov. Pod red. A. A. Dorodnitsyna. Moscow, "Mashino stroenie," 1968. 220 p.

Majkov, O. G. [Calculation of shaft vibrations. A reference manual] Raschet kolebaniy valov. Spravochnoe posobie. Moscow, "Mashino stroenie," 1968. 271 p.

Osipov, O. L. [Noise and sound transmission] Shum i zvukoperechisleniya. Moscow, Stroiizdat, 1967. 103 p.

[Problems in vibration technology] Problemy vibratsionnoy tekhniki. Kiev, "Mashkino stroenie," 1968. 188 p.

Vysotskiy, B. D. [Waves and acoustics. Textbook] Volny i zvuk. Ucheb. posobie. Leningrad, 1967. 142 p.

535 Optics. Light

Shvel'ey, I. V. [General physics course] Kurs obshchego fiziki. Vol. 2-a, stereotip. Moscow, "Mashkino." T. 2. [Optics. Atomic physics. Physics of the atomic nucleus and elementary particles] Optika. Atomnaya fizika. Fizika atomnogo yadra i elementarnykh chastits. 1968. 418 p.

535.2 Light radiation, energy. Photochemistry

[Ultraviolet radiation from the sun and the sky] Ultrafioletovaya radiatsiya solntsa i neba. Pod red. V. A. Belitskogo. Moscow, Izd. Mosk. un-ta, 1968. 298 p.

535.27 Luminescence. Fluorescence. Phosphorescence

[Bibliography of Soviet literature on the use of fluorescence analysis in biology, medicine, and agriculture] Bibliograficheskoye posobie po primeneniyu fluoresentsnogo analiza v biologii, meditsine i sel'skoy khimii. Pod red. I. A. A. Rabinova. Dushanbe, 1963. 178 p.

(DNL24)

536 Heat. Thermodynamics

Nykhov, V. V., and M. P. Burdakov. [Thermodynamic calculation of a high-temperature gas] Termodinamicheskii raschet vysokotemperaturnogo gaza. Moscow, "Mashino stroenie," 1968. 116 p.

Ort, D. J. A. [Objective methods of high temperature pyrometry with a continuous radiation spectrum] Ob'ektivnyye metody vysokotemperaturnoy pirometrii pri nepreeryvnom spektre izlucheniya. Moscow, "Mashkino," 1968. 140 p.

Vysotskiy, B. D. [Thermodynamics] Termodinamika. Vol. 1-a, pereizdat i dop. Moscow, "Vysshaya shkola," 1968. 463 p.

Zhukovskiy, A. A., V. M. Kharin, and A. M. Kharin. [Heat transfer of gases in tubes in transverse liquid flow] Teploobmen gazov v trubakh pri poperechnom potoke zhidkosti. Pod red. A. Zhukovskiy. Vilnius, "Mokslas," 1968. 188 p.

536.84 Heat transfer. Exchange

[Convective heat transfer] Konvektivnyy teploobmen. Kiev, "Mashkino stroenie," 1968. 218 p.

[Classification of the heat and mass transfer in drying and thermal processes] Voprosy klassifikatsii perenosu tepla i massy v suskhit'nykh i termicheskikh protsessakh. Minsk, "Nauka i tekhnika," 1967. 268 p.

Shvel'ey, I. V., and R. V. Yakovlev. [Engineering calculation of the dynamics of heat exchangers] Inzhenernyye metody rascheta dinamiki teploobmennyykh apparatov. Moscow, "Mashino stroenie," 1968. 220 p.

536.84 Action of heat upon bodies

[Thermal stability of microorganisms and establishing of methods for the sterilization of canned goods] Termicheskaya ustoychivost' mikroorganizmov i ustanovleniye metodov sterilizatsii konservov. Moscow, 1968. 38 p.

537.3 Electric current. Electrodynamics

[Collection of problems in semiconductor physics] Sbornik zadach po fizike poluprovodnikov. Moscow, "Mashkino," 1968. 110 p.

[Electrostatic effects on semiconductor surfaces] Elektrostaticheskiye yavleniya na poverkhnosti poluprovodnikov. Pod obshch. red. V. I. Litsheiko. Kiev, "Mashkino stroenie," 1968. 480 p.

Radzikhin, E. A. [Surface superconductivity on heterostructures in laminar semiconductor structures] Poverkhnostnaya sverkhprovodimost' na geteroperekhodakh v sloynnykh poluprovodnikovykh strukturakh. Kiev, 1968. 18 p.

[Physical properties of AIBV and AIBV VI semiconductors. (Materials of the All-Union Conference on the Physical Properties of AIBV VI Semiconductors, held in October 1968 in Dnepropetrovsk)] Fizicheskiye svoystva poluprovodnikov AIBV i AIBV VI. (Materialy Vsesoyuznogo konferentsii po fiz. svoystvam poluprovodnikov AIBV i AIBV VI, okt. 1968, Dnepropetrovsk). Baku, Izd. AN Azerb. SSR, 1967. 408 p.

537.4 Electric discharge, radiation, ionization

Shvel'ey, I. V. [Chemical protection against ionizing radiation. Translated from the English] Khimicheskaya zashchita ot ioniziruyushchey radiatsii. Pod red. A. M. Kurba. Moscow, Atomizdat, 1968. 303 p.

[Radiation techniques] Radiatsionnaya tekhnika. Moscow, Atomizdat. Vyp. 1. 1967. 358 p. Vyp. 2. 1968. 378 p.

[Study of the electric arc and the plasmatron] Issledovaniye elektricheskoy duki i plazmatrona. Frunze, "Ilim," 1968. 76 p.

537.531 X rays. Gamma rays

[The albedo of gamma radiation] Albido gamma-izlucheniya. Moscow, Atomizdat, 1968. 423 p.

538 Magnetism

Baranovskiy, M. L. [Thermomagnetic treatment of steel] Termomagnitnaya obrabotka stali. Moscow, "Metalurgiya," 1968. 98 p.

Sholpo, L. K., and B. M. Kiselev. [Investigating the residual magnetization of rocks] Issledovaniye ostatochnoy magnitizatsii gornykh porod. Leningrad, Izd. Leningr. un-ta, 1968. 79 p.

538.12 Magnetic field

[Magnetic field measurements] Izmereniya magnitnykh polov. Frunze, "Ilim," 1968. 500 p.

538.13 Magnetic processes and properties

[Magnetoelectricity] Magnitoelektritsit. Rostov-na-Donu, Izd. Rost. un-ta, 1968. 274 p.

538.13 Electromagnetism. Electrodynamics

Okhramenko, M. M. [Principles of the theory and design of linear induction pumps for liquid metals] Osnovy teorii i proektirovaniya lineynykh induktsionnykh nasosov dlya zhidkikh metallov. Moscow, Atomizdat, 1968. 138 p.

538.1 Nuclear, atomic and molecular physics

[Radiation physics of nonmetallic crystals. Transactions of a conference, September 8-15, 1968] Radiatsionnaya fizika nemetallicheskikh kristallov. Trudy konferentsii. 8-15. 1968 sept. 1968 g. Kiev, "Mashkino stroenie," 1967. 481 p.

Shvel'ey, I. V. [General physics course] Kurs obshchego fiziki. Vol. 2-a, stereotip. Moscow, "Mashkino." T. 2. [Optics. Atomic physics. Physics of the atomic nucleus and elementary particles] Optika. Atomnaya fizika. Fizika atomnogo yadra i elementarnykh chastits. 1968. 418 p.

Smirnov, B. M. [Atomic collisions and elementary processes in a plasma] Atomnye stolknoveniya i elementarnyye protsessy v plazme. Moscow, Atomizdat, 1968. 363 p.

538.104 Effects of radiation: physical, chemical, biological
Shvel'ey, I. V. [Chemical protection against ionizing radiation. Translated from the English] Khimicheskaya zashchita ot ioniziruyushchey radiatsii. Pod red. A. M. Kurba. Moscow, Atomizdat, 1968. 303 p.

[Effect of high energy radiation on the organisms. Radiation medicine] Delistvie na organizmy vysokomenergicheskoy izlucheniya. Radiatsionnaya meditsina. Tomsk, Izd. Tomskogo univ., 1963. 171 p.

Kryukov, F. G. [Mass and radiation] Chelovek i radiatsiya. Moscow, "Znanie," 1968. 68 p. (Narodnyy universitet) Fizika i biologiya, 197.

Rozengart, M. P. [Radiation and chemical protection] Radiatsiya i khimicheskaya zashchita. (Izd. 2-a, pereizdat i dop.) Moscow, Atomizdat, 1968. 248 p.

538.12 Elementary and simple particles

[Electrostatic effects on semiconductor surfaces] Elektrostaticheskiye yavleniya na poverkhnosti poluprovodnikov. Pod obshch. red. V. I. Litsheiko. Kiev, "Mashkino stroenie," 1968. 480 p.

[Problems in the physics of elementary particles] Problemy fiziki elementarnykh chastits. Sbornik statel. Moscow, "Znanie," 1968. 47 p. (Novoe v fizike, matematika. Seriya "Fizika i astronomiya," 10).

Shvel'ey, I. V. [General physics course] Kurs obshchego fiziki. Vol. 2-a, stereotip. Moscow, "Mashkino." T. 2. [Optics. Atomic physics. Physics of the atomic nucleus and elementary particles] Optika. Atomnaya fizika. Fizika atomnogo yadra i elementarnykh chastits. 1968. 418 p.

Vil'kins, O. V. [On nuclear theories and the feasibility of building composite models from quarks] O yadernykh teoriyakh i o vozmozhnosti postroyeniya sootvetnykh model' iz kvarkov. Kiev, 1967. 11 p.

538.16 Radioactivity and decay

Shvel'ey, I. V., and S. A. Palya. [Radioactivity of cosmic rays and soils] Radioaktivnost' kosmicheskikh luchey i pochvy. Moscow, Atomizdat, 1968. 287 p.

538.17 Deposition of thin films

[Thin films and their application. (Materials of the first Leningrad conference) Tunkio plavki i 6th primeneniya. (Materialy I respublikanskoy konferentsii). Vilnius, 1968. 88 p.

538.17 Mechanical properties of solids. Elasticity. Plasticity

Yur'yev, P. [Physics of metals. Translated from the English] Fizika metallov. Pod red. S. V. Serenina. Moscow, "Mashino stroenie," 1968. 363 p.

538.4 Strength. Resistance

Andreyev, A. V. [Stress concentration in mass bearing machine parts] Koncentratsiya napryazheniya v detal'nykh massobremnykh chastyakh. Pod obshch. red. M. D. Taraburova. Moscow, "Mashkino," 1968. 61 p.

[Durability, stability, vibration] Prochnost', ustoychivost', kolebaniya. Spravochnik. V 2-kh t. Pod obshch. red. I. A. Birgera i I. A. G. Panova. Moscow, "Mashino stroenie," 1968. 483 p.

538.5 Material properties influencing deformability

Paschuk, V. V. [Asymptotic equilibrium of brittle bodies with cracks] Predel'noe ravновesie krupnykh tel s treshchinami. Kiev, "Mashkino stroenie," 1968. 248 p.

538.6 Interatomic forces; association phenomena

[Nature of the freezing of solids] O prirode aktivatsionnykh tvordykh tel. Moscow, "Mashkino," 1968. 80 p.

54 CHEMISTRY

AKADEMIYA NAUK AZERBAIDZHANSKOY SSR. [Materials of a scientific and theoretical conference of young scientists] Materialy nauchno-teoreticheskoy konferentsii molodykh nauchnykh. Baku, Izd. AN Azerbaidzhanskoy SSR.

Ka. 1. [Series on chemistry] (Seriya khimicheskikh nauk) 1967. 98 p.

57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES

[Dialectical-materialistic analysis of the fundamental concepts of biology and medicine] *Dialektiko-materialisticheskiy analiz osnovnykh ponyatiy biologii i meditsiny*. Kiev, Izd. Kievskogo un-ta, 1968. 264 p.

571 Prehistoric man (archaeology)

[Origin of man. Life of the hominid organism. An index of popular science literature] *Problemy drevnego cheloveka. Zhizn' chelovecheskogo organizma. Ukazatel' nauchno-populjarnoi literatury*. Moskva, "Kniga," 1967. 37 p.

571(471.318)—Ivanovo Province

[Archaeological monuments of Ivanovo Province. Materials for an archaeological map] *Archeologicheskie pamyatniki Ivanovskogo oblusta. Materialy k archeologicheskoi karte*. Leningrad, Vostochno-Pol'skoe kn. izd., 1968. 63 p.

572 Anthropology (physical) Ethnology

[Ethnology. Methodology of anthropological studies] *Etnologiya. Metodika antropol. issledovaniy*. Moskva, "Vostochno-Pol'skoe kn. izd.," 1968. 106 p.

572(471.343)MAH A. S. R. R.

[Origin of the Mari people. Materials of a seminar conducted by the Mari Institute for the Study of Language, Literature, and History. (December 25-30, 1966)] *Problemy drevnego cheloveka. Materialy k archeologicheskoi karte*. Leningrad, Vostochno-Pol'skoe kn. izd., 1968. 63 p.

572(471.6)—Ural regions

[Anthropology of the ancient population of the Ural Mountain region] *Antropologiya drevnego naseleniya Priural'ya*. Moskva, "Kniga," 1968. 118 p.

572(574)—Kuznetsk B. S. R.

[Structure of Kuznetsk tribes and clans and the history of their settlement. (The late 18th and early 20th century)] *Rodoplemennoye sostav i razmeshenie kuznetsk. (Konets XIX nachalo XX v.)*. Alma-ata, "Mada," 1966. 256 p.

574 General biology

[Assessing the cognitive activity of students in the study of biology. Experience of teachers in the schools of the Russian Federation] *Aktivnost' uchebnogo detsa i uchebnaya aktivnost' uchebnogo detsa*. Moskva, "Kniga," 1967. 131 p.

[Computers in biological research. Translated from the English] *Vychislitel'nye stroyeniya v biologii i meditsine*. Pod red. M. L. Nappel'skaya i dr. Moskva, "Mir," 1967. 80 p.

[Human biology. Translated from the English] *Biologiya cheloveka*. Pod red. V. V. Buzina. Moskva, "Mir," 1968. 440 p.

[Laboratory manual on general biology with the principles of genetics] *Praktikum po obshchey biologii s osnovami genetiky*. Pod red. V. V. Mal'kovskiy. Izd. 3-e. Moskva, "Meditsina," 1968. 302 p.

[Proceedings of the 2nd Scientific Conference. Biology. Geography. Zoology] *Materialy dvukh letnykh nauchnykh konferentsiy po biologii, geografii, zoologii*. Tashkent, "Gosizdat," 1967. 73 p.

[Modern biological principles. Translated from the English] *Osnovy sovremennoi biologii*. Moskva, "Mir," 1967. 328 p.

574(471.4)—Central and Lower Volga regions

[Problems of the biogeography of the central and lower Volga Valley] *Voprosy biogeografii Srednego i Nizhnego Volzh'ya*. Pod red. M. L. Larkov, A. O. Tatarskaya. Saratov, Izd. Saratov. un-ta, 1968. 333 p.

574.10 Space biology

[Coordination of voluntary movements of man during space flight] *Koordinatsiya dobroyvol'nnykh dvizheniy cheloveka v usloviyakh kosmicheskogo poleta*. Prilozhenie k "Biologii," no. 7/8-9. Moskva, "Kniga," 1968. 124 p.

575 Genetic Evolution

[Genetic science and practical applications] *Genetika i praktika*. Moskva, "Kniga," 1968. 80 p. Vyp. 1. V obshchey teorii i praktike. Vyp. 2. 1968. 80 p.

[Laboratory manual on general biology with the principles of genetics] *Praktikum po obshchey biologii s osnovami genetiky*. Pod red. V. V. Mal'kovskiy. Izd. 3-e. Moskva, "Meditsina," 1968. 302 p.

[Modern genetics. Review of recommended literature] *Sovremennaya genetika. Rekomendatsionnyy obzor literatury*. Moskva, "Kniga," 1967. 20 p. (Novoe v nauke i tekhnika. Vyp. 15).

[Problems of development in the modern natural sciences] *Problemy razvitiya v sovremennoy estestvoznaniy*. Saratovskiy sbornik. Pod red. D. I. Gordiyevskiy. Saratov, "Kniga," 1968. 186 p.

575.1 Origin and creation of life

[Abiogenesis and initial stages of the evolution of life] *Abiogenoz i nachalnyye stadii evolyutsii zhizni*. Moskva, "Kniga," 1968. 24 p.

[Origin of man. Life of the hominid organism. An index of popular science literature] *Problemy drevnego cheloveka. Zhizn' chelovecheskogo organizma. Ukazatel' nauchno-populjarnoi literatury*. Moskva, "Kniga," 1967. 37 p.

575.2 Cytology

[Cell and cell structures. Modern methods of plant physiology and biochemistry] *Kletka i kletchnyye struktury. Sovrem. metody fiziologii i biokhimii rasteniy*. Moskva, "Kniga," 1968. 181 p.

[Cytology in modern medicine. Collection of papers dedicated to the 50th anniversary of Academician A. A. Bogomolov's birth] *Citologiya v sovremennoy meditsine. Sbornik nauchnykh rabot posvyashchennykh 50-letiyu so dnya rozhdeniya akad. A. A. Bogomolova*. Kiev, "Zdorov'ya," T. 4. 1967. 306 p.

575.3 Microbiology Bacteriology Parasitology

[Theoretical and methodological principles] *Teoreticheskiye i metodicheskiye printsiipy*. Teoret. i metod. osnovy. Pod red. I. E. Mal'kova i E. P. Pavlovskiy. Pod red. K. P. Andreyev. Moskva, "Vostochno-Pol'skoe kn. izd.," 1968. 146 p.

[Bacteriology. Bacteriological investigation] *Bakteriologiya. Bakteriologicheskoye issledovanie*. Moskva, "Meditsina," 1968. 110 p.

[Microorganisms and the health of animals] *Mikroorganizmy i zdorov'ye zhivotnykh*. Moskva, "Kniga," 1968. 178 p.

[Practical manual on bacteriology] *Prakticheskoye posobie po bakteriologii*. Pod red. I. M. Gerasimovskiy. Minsk, "Vysheishaya shkola," 1968. 179 p.

[Variability of pigmentation in microorganisms] *Peremennost' pigmentatsii mikroorganizmov*. Alma-Ata, "Kniga," 1968. 178 p.

[Theoretical stability of microorganisms and establishment of methods for the sterilization of canned goods] *Teoreticheskaya stabilnost' mikroorganizmov i metody sterilizatsii konzervirovannykh tovarov*. Moskva, 1968. 36 p.

[Ultrastructure of bacterial viruses] *Ultrastroyeniye virusov bakteriy*. Minsk, "Vostochno-Pol'skoe kn. izd.," 1968. 148 p.

[Young scientists' conference] *Materialy konferentsii molodykh uchnykh*. Minsk, 1967. 87 p.

577.1 Biochemistry

[Biochemistry of the cell] *Biokhimiya kletki*. (Role of the relationship between the genetic apparatus and physiological cell function in adaptive reactions of a healthy and sick organism) *Biokhimiya kletki. (Rol' vrazmeneniya i adaptatsii kletki v zdorovom i bolezni organizme)*. Moskva, "Kniga," 1967. 318 p.

[Aspects of biological research] *Aspekty biologicheskogo issledovaniya*. Otv. red. V. V. Tikhonov. Moskva, "Kniga," 1968. 186 p.

577.2 Biophysics. Biomechanics. Biomechanics

[Early diagnosis of oxidative disorders in certain tissues during the postnatal period] *Rannaya diagnostika oksidativnykh porazheniy v opredelennyykh tkanyakh v period posleurozhdeniya*. Tbilisi, "Tbilisskiy gos. univ.," 1967. 41 p.

[Physiology and biochemistry of functional systems of an organism. Transactions of a conference (Sept. 18-20, 1966)] *Fiziologiya i biokhimiya funktsional'nykh sistem organizma. Materialy konferentsii*. (18-20 sent. 1966 g.) Kiev, "Machova duma," Ob. 2. 1968. 228 p.

[Phenol compounds and their biological functions. Materials of the First All-Union Symposium on Phenol Compounds, Dec. 14-17, 1966] *Fenolnyye soedineniya i ikh biologicheskiye funktsii. Materialy I-go Vsesoyuznogo simpoziuma po fenol'nyy soedineniyam, sostoyavshego 14-17 dek. 1966 g. v Moskve*. Moskva, "Kniga," 1968. 481 p.

577.30 Radiochemistry

[Principles of radiation biology and biochemistry] *Osnovy radiatsionnoi biologii i biokhimii*. (3-e dop. i ispr. izd.) Kiev, "Zdorov'ya," 1968. 210 p.

577.4 General conditions of life. Ecology. Phytology

[Abstracts of the 1968 Conference Concerning the Danube] *Teksty dokladov. Konferentsiya po Danubu*. Kiev, "Machova duma," 1967.

[Role and role of water in biological objects] *Skazaniya i rol' vody v biologicheskikh ob'ekтах*. Moskva, "Kniga," 1967. 186 p.

578 Biological techniques

[Computerized analysis of microscopic objects] *Mikroskopicheskyye ob'ekty i ikh analiza na kompyuternykh stroyeniyakh*. Moskva, "Kniga," 1968. 123 p.

[Human fluorescence. Translated from the Polish] *Chelovecheskaya fluoresentsiya*. Pod red. I. V. Kibitovskiy. Moskva, "Meditsina," 1968. 106 p.

[Tissue culture in oncology] *Kultury tkaniy v onkologii*. Moskva, 1968. 321 p.

[Method of determining the dielectric loss rate of the pulse wave] *Metod opredeleniya skorosti rasprostraneniya pul'sovoy volny*. Riga, "Zinatne," 1968. 144 p.

58 BOTANY

581 General botany. Plant biology

[Vavilov's world of ideas] *Mir idey Vavilova*. Moskva, "Kniga," 1968. 61 p.

[Botany. Botanical garden. A guide] *Darmovskiy Botanicheskiy sad. Pervoditel'*. Tbilisi, "Metsnitskaya," 1968. 148 p.

581(479.233)—Admiral A. S. R. R.

[Botanical Garden. A guide] *Darmovskiy Botanicheskiy sad. Pervoditel'*. Tbilisi, "Metsnitskaya," 1968. 148 p.

581.1 Plant physiology and metabolism

[Methods of extraction and determination of various types of sulfur in soils and plants] *Metody izvlecheniya i opredeleniya razlichnykh form sery v pochve i rasteniyakh*. Pod red. I. G. Vashchenko. Moskva, 1968. 21 p.

[Biochemistry of cultivated plants in Moldavia] *Biokhimiya kul'turnykh rasteniy Moldavii*. Kishinev, "Moldavskiy gos. univ.," 1968. 102 p.

[Biochemistry of the apple tree] *Biokhimiya yablochnogo dreva*. 1968. 136 p.

[Cell and cell structures. Modern methods of plant physiology and biochemistry] *Kletka i kletchnyye struktury. Sovrem. metody fiziologii i biokhimii rasteniy*. Moskva, "Kniga," 1968. 181 p.

[Morphophysiology of plants. Morphophysiological analysis of organogenesis stages of different life forms in Angiosperms] *Morfofiziologiya rasteniy. Morfofiziologicheskyy analiz etapov organogeneza razlichnykh zhiznykh form pokrytosemyannykh rasteniy*. Moskva, "Vostochno-Pol'skoe kn. izd.," 1968. 223 p.

[Temperature and development of the cotton plant] *Temperatura i razvitiye khlopkovogo rasteniya*. Moskva, "Kniga," 1968. 130 p.

[Physiological and biochemical studies on plants] *Fiziologiya i biokhimiya rasteniy*. Minsk, "Vostochno-Pol'skoe kn. izd.," 1968. 187 p.

[Physiology of agricultural plants. In 12 volumes] *Fiziologiya sel'skokhozyaystvennykh rasteniy*. V 12 t. Rod. kollektiva. glav. red. B. A. Rubtsov. Moskva, Izd. Mosk. un-ta.

[Physiology of fruit bearing plants] *Fiziologiya plodnykh rasteniy*. Otv. red. B. A. Rubtsov. 1968. 227 p.

[Physiology of dormancy state in plants] *Fiziologiya spatsnogo sostoyaniya rasteniy*. Moskva, "Kniga," 1968. 206 p.

[Vegetative reproduction of plants with the help of growth stimulants] *Vegetativnoye razmnozheniye rasteniy s primeneniye stimulirovaniya rosta*. Moskva, "Kniga," 1968. 94 p.

[Laboratory manual on plant physiology] *Prakticheskoye posobie po fiziologii rasteniy*. Posobie dlya studentov i uchitel'nykh kolektivov. Moskva, "Prosvetshennost'," 1968. 80 p.

- 610.4) —Turkmen S. S. R.
Kozlov, V. V. [Development of medical science in Turkmenistan during the years of Soviet power] Razvitiye meditsinskoi nauki v Turkmenistane na gody Sovetskoi vlasti. Ashkhabad, "Tiyaz," 1968. 73 p.
- 611 Anatomy
Kudrya, I. S. [Anatomy of organs of the oral cavity] Anatomiya organov polosti rta. Moskva, "Meditsina," 1968. 113 p.
- Kolotarev, T. V., and G. M. Toporov.** [Surgical anatomy of the head] Khirurgicheskaya anatomiya golovy. Moskva, "Meditsina," 1968. 237 p.
- 612 Physiology
Gulberg, S. I. [Physiological characteristics of children. Textbook for students of natural science departments of pedagogical institutes] Fiziologicheskie osobennosti detei. Pomoshch dlia studentov fakul'tetov estestvoznaniya pedagogicheskikh institutov. Moskva, "Prosvetshenie," 1966. 243 p. (MBO)
- [Physiology and biochemistry of functional systems of an organism. Transactions of a conference (Sept. 18-21, 1966)] Fiziologiya i biokhimiya funktsional'nykh sistem organizma. Materialy konferentsii (18-21 sent. 1966 g.) Kiev, "Naukova dumka," 1966. 284 p.
 Ch. 1. 1966. 284 p.
 Ch. 2. 1968. 228 p.
- 612.017 Immunity. Allergy. Acquired. Tonic
Gulberg, S. I., and L. A. Zhuravskiy. [Immunology of measles virus] Immunologiya measles'nykh infektsii. Moskva, "Meditsina," 1968. 173 p.
- [Immunofluorescence. Translated from the Polish] Immunofluorescentiya. Pod red. I. U. P. Kibler. Moskva, "Meditsina," [Warsaw, Oss. red. izd.], 1967. 166 p.
- Kudrya, I. S.** [Immunobiological interference. Mann-Brue Immunity. (Report at the Central House of Culture for Medical Workers, December 22, 1967)] Immunobiologicheskaya interferentsiya. Manbrayn's Immunitet. (Doklad v Tsentr. domskul'turny med. rabochimov 22 dek. 1967 g.) Moskva, [Izd. TROP MOOZ], 1968. 20 p.
- 612.1 Blood and circulation
[Heart and sports. Sketches on sports cardiology] Serdtsie i sport. Ochevki sportivnoi kardiologii. Pod red. V. L. Karyagina i G. M. Kulevskogo. 6 predisl. V. V. Parina. Moskva, "Meditsina," 1968. 89 p.
- [Ontogeny of the blood coagulation system] Ontogenez sistemy svyryvaniya krovi. Pod red. A. A. Markovitsa. Leningrad, "Meditsina," 1968. 187 p.
- [Physiology of the blood system] Fiziologiya sistemy krovi. Leningrad, "Meditsina," 1968. 209 p.
- Yeliseyev, I. A. G.** [Physiological mechanisms of blood regulation] Fiziologicheskiye mekhanizmy regulirovaniya krovi. Moskva, "Meditsina," 1968. 144 p.
- Vladimirov, A. G.** [Method of determining the distribution rate of the pulse wave] Metod opredeleniya skorosti rasprostraneniya pul'sovoi volny. Riga, "Zinatne," 1966. 146 p.
- 612.3 Digestion and nutrition
Kolozov, M. G. [Nervous system of the alimentary canal in mammals and man] Nervnaya sistema pishchevaritel'nogo trakta pozroslokh i cheloveka. Leningrad, "Meditsina," 1968. 171 p.
- Kudrya, I. S.** [Anatomy of organs of the oral cavity] Anatomiya organov polosti rta. Moskva, "Meditsina," 1968. 113 p.
- Sokolov, R. M., and P. V. Vlasov.** [Contours of the gastric antrum under normal conditions and in pathology] Bal'of shchitaki shchitaki v norme i patologii. Moskva, "Meditsina," 1968. 308 p.
- 612.4 Reproduction. Development. Growth. Aging. Death
[Ontogeny of the blood coagulation system] Ontogenez sistemy svyryvaniya krovi. Pod red. A. A. Markovitsa. Leningrad, "Meditsina," 1968. 187 p.
- Vladimirov, A. G.** [Physiological mechanisms of blood regulation] Fiziologicheskiye mekhanizmy regulirovaniya krovi. Moskva, "Meditsina," 1968. 144 p.
- 612.5 Nervous system. Sense organs
Kolozov, M. G. [Nervous system of the alimentary canal in mammals and man] Nervnaya sistema pishchevaritel'nogo trakta pozroslokh i cheloveka. Leningrad, "Meditsina," 1968. 171 p.
- [Nervous and internal mechanisms of reflex reactions] Nervnye i vnutrennyye mekhanizmy refleksnykh reaktsii. Minsk, "Nauka i tekhnika," 1968. 270 p.
- [Physiology and pathology of the limbic system] Fiziologiya i patologiya limbicheskogo kompleksa. Moskva, "Meditsina," 1968. 264 p.
- [Physiology of the higher nervous activity of a child] Fiziologiya vysshego nervnogo deiatel'nosti rebenka. Pod red. Z. I. Kolozova (Bilskovoi). Moskva, "Meditsina," 1968. 238 p.
- Papova, E. M.** [Effect of some neurotropic drugs on the cerebral structure] Deistviye nekotorykh neurotropnykh sredstv na strukturu mozga. Leningrad, "Meditsina," 1968. 138 p.
- [Problems of dynamic localization of cerebral functions. Collection of papers dedicated to S. A. Burdakov in connection with his 70th birthday] Problemy dinamicheskoi lokalizatsii funktsii mozga. Sbornik traktov, posvyashch. S. A. Burdakovu v svyazi s 70-letiem so dnya rozhdeniya. Moskva, "Meditsina," 1968. 330 p.
- Tatarskiy, M. I.** [Normal and pathological neurocirculation] Normal'naya i patologicheskaya neirotsirkulyatsiya. Moskva, "Meditsina," 1968. 239 p.
- 613 Health and hygiene
[Orages and human health] Vinograd i zdorov'ye cheloveka. [Krasnodar, Ka. izd.], 1967] 10 p.
- 613.2 Dietetics. Feeding. Food
Shchegolev, M. R. [Principles of children's diet] Printsipy pisheni detei. Moskva, "Meditsina," 1968. 144 p.
- 613.5 Occupational and industrial hygiene
Gulberg, S. I. [Coordination of voluntary movements of man during space flight] Koordinatsiya proizvol'nykh dvizhenii cheloveka v ustoychivom kosmicheskoy potate. Predisl. N. A. Bernskaya. 2-e izd. (Izpr. i dop.) Moskva, "Meditsina," 1968. 134 p.
- Drozdovskiy, E. A.** [Occupational diseases of the nervous system] Professionsnaya bolezn' nervnoy sistemy. Leningrad, "Meditsina," 1968. 173 p.
- Kudrya, I. S., and M. V. Sokolov.** [Industrial sanitation and medical service for construction workers] Promyshlennaya sanitatsiya i meditsinskoye obsluzhivaniye stroitel'ov. Moskva, "Meditsina," 1968. 84 p.
- Pavlov, G. A.** [Medical and sanitary service for plastic industry workers. (Experience of the Sverdlovsk Plastic Plant)] Meditsino-sanitarnoye obsluzhivaniye rabochikh predpriyatiya plastmassy. (Po opytu Sverd. s-dra plastmassy). Moskva, "Meditsina," 1968. 134 p.
- 613.8 (477) —Ukraine S. S. R.
Shchegolev, M. R. [Experience in the study and teaching of morbidity among the workers of Kharkov-Marganets Basin] Opyt po izucheniyu i uchibleniyu zabolevayemosti rabochikh Kharkov-Marganetskogo basaina. Moskva, "Meditsina," 1968. 88 p.
- 613.7 Exercise. Recreation. Rest. Sleep
Trubnikov, G. A. [Perspiration in man at rest and in muscular activity] Potovydeleniye u cheloveka v poke i pri myshetsnoy deiatel'nosti. Leningrad, "Meditsina," 1968. 74 p.
- 613.9 Hygiene in relation to race, age and sex
Gulberg, S. I. [Physiological characteristics of children. Textbook for students of natural science departments of pedagogical institutes] Fiziologicheskie osobennosti detei. Pomoshch dlia studentov fakul'tetov estestvoznaniya pedagogicheskikh institutov. Moskva, "Prosvetshenie," 1966. 243 p. (MBO)
- 614 Public health and safety
Gulberg, S. I. [Main problems of the methodology of scientific organization of the work and planning of laboratory work on the sanitary and epidemiological level] Osnovnyye voprosy nauchnoy organizatsii i planirovaniya raboty laboratorii sanitarno-epidemiologicheskogo profilak. Moskva, 1968. 68 p.
- Bobrovskiy, I. U.** [Health of the world population in the 20th century. Capitalist and developing countries. Sociological study] Zdorov'ye naseleniya mira v XX veka. Kapitalizm i razvivayushchiesya strany. Sociologicheskoye issledovanie. Moskva, "Meditsina," 1968. 418 p.
- Shchegolev, V. I.** [Public health administration in the U. S. S. R.] Upravleniye zdorov'ye naseleniya v SSSR. Moskva, "Turk. Kh.", 1968. 103 p.
- 614.2 Official and professional organizations
[Handbook of the nurse on care] Spravochnik meditsinskoi sestry po uchoke. Pod red. V. V. Kovaleva. Izd. 4-a, smolot. pereabot. Moskva, "Meditsina," 1968. 404 p.
- Rebachev, V. E., and M. A. Roshchina.** [The truth about "miraculous" cures] Pravda o "chudesnykh" izilektsiyakh. Moskva, "Meditsina," 1968. 47 p.
- [Textbook for the training of nurses. Nervous and mental diseases, skin and venereal diseases, diseases of the ear, nose and throat, eye diseases] Uchebnik dlia podgotovki meditsinskikh sestry. Nervnye i psichicheskoye bolezni, kozhnye i vener. bolezni, bolezni shchitki, nosa i gorla, glaznyye bolezni. Pod red. G. V. Arkhangelskogo. 3-e izd. Moskva, "Meditsina," 1968. 435 p.
- 614.3 (471.31) —Moscow Province
[Nature of the Moscow region in the service of health] Podmoskovnaya priroda na sluzhu zdorov'ya. Moskva, "Mok. rabochii," 1967. 100 p.
- 614.8 Accidents: prevention, protection, safety
Kryzhanovskiy, V. M. [Ventilation when handling radioactive substances] Ventilyatsiya pri rabote s radioaktivnymi veshchestvami. Moskva, Atomizdat, 1968. 304 p.
- Kruglyy, S. A.** [Safety rules in working with animals] Pravila bezopasnosti pri rabote s zhivotnyimi. Moskva, "Kolos," 1968. 77 p.
- Rakovich, I. I.** [Electrical equipment of plants with explosion dangers] Elektrifikatsiya varyuopasnykh predpriyatiy. Izd. 2-e. Moskva, "Energiya," 1968. 488 p.
- Romashin, E. V.** [Radiation and chemical protection] Radiatsiya i khimicheskaya zaushchika. [Izd. 3-e, pereabot. i dop.] Moskva, Atomizdat, 1968. 245 p.
- Shchegolev, I. A. A.** [Fundamentals of fire prevention] Osnovy protipovozharnoi tekhniki. Kiev, "Dobrovol'sk.", 1968. 144 p.
- [Theoretical training of fire-prevention personnel] Teoreticheskaya podgotovka liashkogo sostava pozarnoi okhrany. Moskva, "Miroslav", 1968. 122 p.
- 614.86 First aid. Ambulance service
Trubnikov, G. A. [First aid in lesions caused by electric current] Pervaya pomoshch' pri porazhenii elektricheskimi tokom. Moskva, "Energiya," 1967. 10 p.
- 615 Pharmacy. Pharmacology. Toxicology
Trubnikov, G. A., and V. I. Arsen'yev. [Vitamins, trace elements, biotin, biotin, and biotin in livestock breeding] Vitaminy, mikroelementy, biotin, biotin i biotin v zhivotnovodstve. [Leningrad] Lendat, 1967. 193 p.
- 615.1 Pharmacy, pharmacology, material medicine
Kudrya, I. S. [Apothecary] Serbicheskaya voda. 3-e dop. i pereabot. izd. Kiev, "Moskva dumka," 1968. 104 p.
- 615.2 Organic material medicine
[Fungi and solaria] Fungi i solaria. Riga, "Zinatne," 1968. 178 p.
- Gulberg, S. I., and M. D. Shchegolev.** [Of the nature of dairy products] Dary prirody. Moskva, "Meditsina," 1968. 79 p.
- Trubnikov, G. A.** [Hospital on the windowsill] Lezhat'sya na podokonnike. [Kiev, "Moskva dumka," 1968]. 184 p.
- 615.4 Practical pharmacy. Medicine. Instruments
[New devices for gas analysis in modern medicine and physiology. Transactions of the Second Anniversary Conference of the Special Design and Technological Office "Meditsina," June 11-13, 1968] Novyye pribory gazovogo analiza v sovremennoi meditsine i fiziologii. Trudy 2-i, jubileynoi konferentsii OOO "Meditsina," sostoyavshiesya 11-13 iyunya 1968 goda. Krasn., 1967. 303 p.
- 615.7 Drugs according to action. Chemotherapy
[Antibiotics. Collection of scientific papers of medical institutes and institutes of epidemiology, microbiology, and hygiene in the Ukrainian S. S. R.] Antibiotiki. Sbornik nauchnykh traktov meditsinskikh institutov i institutov epidemiologii, mikrobiologii i gigeny USSR. Kiev, "Zdorov'ya," 1968. 113 p. (MBO)
- [Antibacterial antibiotic therapy] Protivobakterial'nyye antibiotiki. Pod red. L. B. Levinsona i M. G. Kiseleva. Moskva, Izd. Mok. un-ta, 1968. 380 p.
- [Medicinal preparations used in psychiatry. Handbook] Lekovennyye preparaty, primenyaemye v psichiatrii. Spravochnik. Pod red. G. I. A. Arkhangelskogo. Moskva, Trakt. izbr. med. informatsii, 1967. 110 p.

[Neuroleptics and its therapeutic properties] Neuroleptika i ego lechebnye svoystva. Kiev, "Meditsina duma," 1968. 164 p.

Popova, K. M. [Effect of some neuroleptic drugs on the cerebral structure] Delistvie nekotorykh neurolepticheskikh sredstv na strukturu mozga. Leningrad, "Meditsina," 1968. 128 p.

Utkin, V. V. [Cycloserine in the treatment of pulmonary tuberculosis] Tsikloserin v terapii tuberkuleza legkikh. Moskva, "Meditsina," 1968. 160 p.

618.6 Physiotherapy and other treatments

Armenakii Institut reumatologii i ortopedii. [Materials of the 11th scientific conference dedicated to the 80th anniversary of the Institute] Materialy XI nauchnoi konferentsii, posviashchennoi 80-letii Instituta. Kieveva, 1967. 300 p.

[Effect of high energy radiation on the organism. Radiation medicine] Delistvie na organizm vysokomergitnogo izlucheniia. Radiatsionnaia meditsina. Tomsk, Izd. Tomskogo univ. 1962. 171 p. (MILCO)

[Manual on physiotherapy and physiotherapy of children's diseases] Rukovodstvo po fizioterapii i fizioterapii detskikh zabolevani. Pod red. A. M. Oborotova i K. V. Laptol. Moskva, "Meditsina," 1968. 343 p.

Moshkov, V. M. [Exercise therapy in health resorts and sanatoriums. A brief course] Lecheniia (fizicheskaia kul'tura na kurortakh i v sanatoriakh). Kratkoie rukovodstvo. Izd. 3-o, dop. i pererabot. Moskva, "Meditsina," 1968. 464 p.

Rozhnov, V. F., and M. A. Rykova. [The truth about "miraculous" cures] Prava o "chudesnykh" izlecheniakh. Moskva, "Meditsina," 1968. 47 p.

Rykhova, E. V., and L. M. Babits. [Health resort treatment for children with sequelae of encephalitis, poliomyelitis and cerebral arachnoiditis] Kurortnoe lecheniie detskikh posledstviy encefalita, poliomyelita i tserebral'nogo arakhnoidita. Moskva, "Meditsina," 1968. 122 p.

Syrovatkin, M. M. [Hydrotherapy] Vodoobcheniia. Moskva, "Meditsina," 1968. 176 p.

Tsygankov, G. I. [Science and religion in human health and diseases] Nauka i religia o zdorov'e i bolezni cheloveka. Izd. 3-o, ispr. (Moskva, "Meditsina," 1968) 67 p.

618.9 Toxicology. Poisons

[Cytotoxic in modern medicine. Collection of papers dedicated to the 80th anniversary of Academician A. A. Bogdanov's birth] Tsitotoksicheskie v sovremennoi meditsine. (Sbornik rabot, posviashchennykh 80-letii so dnia rozhdeniia akad. A. A. Bogdanova). Kiev, "Zdorov'ia," T. 4. 1967. 308 p.

[Toxicological evaluation of volatile substances escaping from synthetic materials] Toksikologicheskaia otsenka letuchikh veshchestv, vydeliaemykh iz sinteticheskikh materialov. Pod obshch. red. I. M. Trakhtenberg. Kiev, "Zdorov'ia," 1968. 198 p.

619 Disease. Pathology and medicine

[Computers in biomedical research. Translated from the English] Vychislitel'nye ustroystva v biologii i meditsine. Pod red. E. L. Nappelsbaum i dr. Moskva, "Mir," 1967. 330 p.

[Manual on the technique of laboratory work] Praktikum po tekhnike laboratornykh rabot. 3-e izd. ispr. i dop. Moskva, "Meditsina," 1968. 247 p.

Mikheev, A. I. [Internal diseases] Vnutrennie bolezni. Moskva, "Meditsina," 1967. 650 p.

Salo, V. M. [Plants and medicine] Rasteniia i meditsina. Moskva, "Meditsina," 1968. 180 p.

619.477 9)—Cytoses

Nauchno-prakticheskoe konferentsiia vrachov-laborantov Stavropol'skogo kraia. 56. [Materials of the Fifth Scientific and Practical Conference of Physicians-Therapists of the Stavropol Territory] Materialy, Pod red. L. N. Borzhenko. Stavropol', Kn. izd., 1967. 222 p.

619.06 Mental processes. Lesions

Shklyarskiy, D. E. [Early diagnosis of oxidative diseases in newborn infants during the postnatal period] K voprosu rannego diagnostiki oksidativnogo distessa v period novorozhdenosti. Tbilisi, "Sobornost' Gekuriyevskoi," 1967. 41 p. (DNLAM)

619.068 Neoplasms. Tumors. Sarcoma. Polyps, etc.

[Anticardiosclerosis antibiotic cream] Profilakticheskiy antibioticheskii krem. Pod red. L. B. Lavrusova i M. G. Kiselev. Moskva, Izd. Mosk. un-ta, 1968. 380 p.

Armenakii Institut reumatologii i ortopedii. [Materials of the 11th scientific conference dedicated to the 80th anniversary of the Institute] Materialy XI nauchnoi konferentsii, posviashchennoi 80-letii Instituta. Kieveva, 1967. 300 p.

[Problems of neurosurgery. Dynamics of the restoration of functions in the postoperative period in patients with tumors of the brain] Problemy neirokhirurgii. Dinamika vosstanovleniya funktsii v posleoperatsionnom periode u bol'nykh s opukholami golovnogo mozga. Kiev, "Zdorov'ia," 1967. 219 p. (DNLAM)

Syvatki, A. I. [Pulmonary cancer] Rak legkogo. Moskva, 1968. 23 p.

[Tissue culture in oncology] Kul'tura tkanei v onkologii. Moskva, 1968. 238 p.

619.087 Malformations. Deformities. Congenital and developmental abnormalities

[Surgery for developmental defects in children] Khirurgiya porokov razvitiia u detei. Pod red. G. A. Balrova. Leningrad, "Meditsina," 1968. 496 p.

619.87 Diagnosis. Signs. Symptoms

Al'myev, N. A. [Brief manual on clinical examination of proctological patients] Kratkoie rukovodstvo po klinicheskomu issledovaniyu proktologicheskikh bol'nykh. Moskva, 1968. 60 p.

Kopylov, M. B. [Fundamentals of X-ray diagnosis in diseases of the brain] Osnovy rentgenodiagnostiki zabolevaniy golovnogo mozga. Moskva, "Meditsina," 1968. 216 p.

Shukla, A. G. [Diagnosis and therapy of the kidney, esophagus, and morphological changes in the intestines] Diagnostika i terapiia zheludka, fermentativnykh i morfolozhicheskikh izmenenii kishchnits. Moskva, "Meditsina," 1968. 224 p.

Shukla, A. G. [X-ray diagnosis of siderosis and siderotuberculosis] Rentgenodiagnostika siderozila i siderotuberkuleza. Kiev, "Zdorov'ia," 1968. 222 p.

Trubal, O. I. [X-ray examination of newborn infants] Rentgenologicheskoe issledovanie novorozhdennykh. Izd. 3-o, ispr. i dop. Leningrad, "Meditsina," 1968. 221 p.

619.889 Surgical, operative techniques

Trubal, O. I. [Topographical anatomy and operative surgery of the chest and extremities. (Textbook for students and physicians)] Topograficheskaya anatomiia i operativnaya khirurgiya grud'i i konchek. (Ucheb. posobie dlia studentov i vrachev). Krasn', Izd. Krasn. un-ta, 1968. 808 p.

[Fundamentals of neurosurgery in childhood] Osnovy neirokhirurgii detskogo vozrasta. Pod red. A. A. Aranda i S. I. Meresianska. Moskva, "Meditsina," 1968. 484 p.

[Problems of neurosurgery. Dynamics of the restoration of functions in the postoperative period in patients with tumors of the brain] Problemy neirokhirurgii. Dinamika vosstanovleniya funktsii v posleoperatsionnom periode u bol'nykh s opukholami golovnogo mozga. Kiev, "Zdorov'ia," 1967. 219 p. (DNLAM)

Shukla, A. G. [Abdominal anatomy section in modern obstetrics] Abdominal'noe kesserovoe soshenie v sovremennoi akuшерstve. Moskva, "Meditsina," 1968. 228 p.

[Special diagnostic methods in pulmonary surgery] Spetsial'nye metody diagnostiki v legochnoi khirurgii. Kishinev, "Karta moldovenaska," 1968. 222 p.

Kozlovskiy, T. V., and G. M. Toporov. [Surgical anatomy of the head] Khirurgicheskaya anatomiia golovy. Moskva, "Meditsina," 1968. 221 p.

619.1 Circulatory, cardiovascular and blood diseases

[Clinical aspects of cardiovascular disorders with mental disturbances. Materials of the Conference dedicated to the 80th anniversary of the activity of the Clinic named after S. S. Korovin (1887-1967)] Klinicheskie aspekty tsirkulatsionno-sosudistykh razstrostv s psichicheskimi narusheniyami. Materialy konferentsii, posviashch. 80-letii deiatel'nosti Kliniki im. S. S. Korovina (1887-1967). Mal'ton', 1968 g. Moskva, 1968. 111 p.

[Experimental therapy of cardiovascular diseases. (Hypertension, infarct and trauma of the heart, myocarditis, hypoxic states)] Eksperimental'naya terapiia serdetsno-sosudistykh zabolevaniy. (Operatsionnaya, bol'shaia, tsirkulatsionnaya, miokardit, gipoksicheskaya, sosudistaya). Moskva, "Meditsina," 1968. 303 p.

Shukla, A. G., and I. A. Chepur. [Ultrastructural foundation of the disturbance of heart muscle function] Ul'trastrukturnaya osnovna narusheniia funktsii serdetsnoi myshitsy. Alma. Moskva, "Meditsina," 1968. 73 p.

Mikheev, A. I. [Prevention and treatment of cardiovascular diseases. Hypertension, atherosclerosis, myocardial infarct] Profilaktika i lecheniie serdetsno-sosudistykh zabolevaniy. (Operatsionnaya, bol'shaia, tsirkulatsionnaya, miokardit, gipoksicheskaya, sosudistaya). Moskva, "Meditsina," 1967. 80 p. (Mirovyy universitet Fakul'tet zdorov'ia, 4).

Shukla, A. G. [Prevention of rheumatism in children and adolescents] Profilaktika revmatizma u detei i podrostkov. Moskva, "Meditsina," 1968. 22 p.

Yel'minov, I. I. [Atherosclerosis, its treatment and prevention] Ateroskleroz - lecheniie i profilaktika. Stavropol', Kn. izd., 1968. 199 p.

619.2 Respiratory diseases

Koryva, A. [Infectious pneumonias] Otrippoznye pnevmonii. Kishinev, "Karta moldovenaska," 1968. 170 p.

[Occupational diseases of the otolaryngological organs and some problems of their prevention and treatment] Professional'nye zabolevaniia otorgankov i nekotoryye voprosy ikh profilaktiki i lecheniia. Kiev, "Zdorov'ia," 1968. 202 p.

Preobrazhenskii, B. S., I. A. S. Terkina, and A. G. Likhachev. [Diseases of the ear, nose, and throat] Bol'shaia ucha, nosa i gort. 7-e izd. ispr. i dop. Moskva, "Meditsina," 1968. 496 p.

Syvatki, A. I. [Pulmonary cancer] Rak legkogo. Moskva, 1968. 23 p.

Shukla, A. G. [X-ray diagnosis of siderosis and siderotuberculosis] Rentgenodiagnostika siderozila i siderotuberkuleza. Kiev, "Zdorov'ia," 1968. 222 p.

Shukla, A. G. [Cerebral pneumonia and its treatment] Tserebral'naya pnevmonii i ikh lecheniie. Leningrad, "Meditsina," 1968. 207 p.

[Special diagnostic methods in pulmonary surgery] Spetsial'nye metody diagnostiki v legochnoi khirurgii. Kishinev, "Karta moldovenaska," 1968. 222 p.

Utkin, V. V. [Cycloserine in the treatment of pulmonary tuberculosis] Tsikloserin v terapii tuberkuleza legkikh. Moskva, "Meditsina," 1968. 160 p.

619.3 Digestive system. Gastroenterology. Deficiency diseases

Al'myev, N. A. [Brief manual on clinical examination of proctological patients] Kratkoie rukovodstvo po klinicheskomu issledovaniyu proktologicheskikh bol'nykh. Moskva, 1968. 60 p.

Moskva. [Gastroenterology and hepatology] Gastroenterologiya i gepatologiya. 60-letii Velikoi Oktjabr'skoi revoliutsii. 1967. [Materials of the Seventh Scientific and Practical Conference dedicated to the 80th anniversary of the Great October Socialist Revolution] Materialy. Leningrad, 1967. 183 p.

Podarshchik, A. P. [Diseases of the liver, gallbladder, and biliary ducts] Zabolevaniia zheltogo pecheni, zheltogo puchka i zheltogo puchka. Pod red. i s predisl. F. G. Uglava. Kiev, "Zdorov'ia," 1968. 194 p.

Podarshchik, A. P. [Diseases of the liver, gallbladder, and biliary ducts] Zabolevaniia zheltogo pecheni, zheltogo puchka i zheltogo puchka. Pod red. i s predisl. F. G. Uglava. Kiev, "Zdorov'ia," 1967. 68 p. (DNLAM)

Syvatki, A. I. [Fundamentals of otolaryngological prophylaxis] Osnovy otolaryngologicheskoi profilaktiki. Moskva, "Meditsina," 1968. 187 p.

Shukla, A. G. [Diagnosis and therapy of the kidney, esophagus, and morphological changes in the intestines] Diagnostika i terapiia zheludka, fermentativnykh i morfolozhicheskikh izmenenii kishchnits. Moskva, "Meditsina," 1968. 224 p.

Shukla, A. G., and P. V. Yagov. [Concours of the gastro-intestinal tract under normal conditions and in pathology] Bol'shaia ucha i shukla v norme i patologii. Moskva, "Meditsina," 1968. 308 p.

Shukla, V. M. [Infectious hepatitis (Botkin's disease)] Infektsionnyi gepatit (Boitkina bolezni). Moskva, "Meditsina," 1968. 28 p.

619.3(474 2)—Latvian S. S. R.

[Development of otolaryngology in the Latvian S. S. R. Materials of the anniversary session of October 25, 1967, dedicated to the 80th anniversary of the Great October Revolution] Razvitiie otolaryngologii v Latvii. 25.10.1967. Materialy jubileynogo sessii. 25 okt. 1967 g., posviashch. 80-letii Velikoi Oktjabr'skoi revoliutsii. Riga, 1967. 120 p.

619.3(475)—Moldavian S. S. R.

[Botkin's epidemic hepatitis in Moldavia] Epidemicheskii gepatit Boitkina v Moldavii. Pod red. M. T. Barosetian. Kishinev, "Karta moldovenaska," 1968. 183 p.

619.314 Teeth. Dentistry. Odontology

Rykhova, E. I. [Preserve your healthy teeth] Sohrani zdravie zdorovykh zubov. Moskva, "Meditsina," 1968. 24 p.

Shukla, A. A. [Odontology. Methodology of anthropological studies] Odontologiya. Metodika antropologicheskikh issledovaniy. Moskva, "Meditsina," 1968. 199 p.

619.7 Diseases of the locomotor (skeletal) system

Trubal, O. I. [Topographical anatomy and operative surgery of the chest and extremities. (Textbook for students and physicians)] Topograficheskaya anatomiia i operativnaya khirurgiya grud'i i konchek. (Ucheb. posobie dlia studentov i vrachev). Krasn', Izd. Krasn. un-ta, 1968. 808 p.

Takhtashev, V. I. [Osteomyelitis of the jaws, their prevention and treatment] Osteomielit cheluchestoi, ikh profilaktika i lecheniie. Leningrad, "Meditsina," 1968. 206 p.

Shapoval, A. P. [Prevention of rheumatism in children and adolescents] Profilaktika revmatizma u detei i podrosnikov. Moskva, "Meditsina," 1966. 82 p.

614.8 Neurology. Neuro- and psychopathology

Drozhzhina, K. A. [Occupational diseases of the nervous system] Professionsnyye bolezni nervnoy sistemy. Leningrad, "Meditsina," 1968. 272 p.

[Fundamentals of neurosurgery in children] Osnovy neirokhirurgii detskogo vozrasta. Pod red. A. A. Aramida i B. I. Krasnolova. Moskva, "Meditsina," 1968. 464 p.

Kayriy, M. D. [Fundamentals of X-ray diagnosis in diseases of the brain] Osnovy rentgenodiagnostiki zabolevaniy golovnogo mozga. Moskva, "Meditsina," 1968. 516 p.

[Problems of neurosurgery. Dynamics of the restoration of functions in the postoperative period in patients with tumors of the brain] Problemy neirokhirurgii. Dinamika vosstanovleniya funktsii v posleoperatsionnom periode u bol'nykh s opukholami golovnogo mozga. Kiev, "Zdorov'ya," 1967. 229 p. (DNL4)

Balshern, M. A. [Treatment of hearing disorders] Lechenie nagrudnosti. Leningrad, "Meditsina," 1968. 111 p.

Bergner, G. A., L. P. Pavlov, and A. P. Romanenko. [Statistical methods of studying human electroencephalograms] Statisticheskiye metody izucheniya elektroencefalogrammy cheloveka. Leningrad, "Nauka," 1968. 207 p.

Medkova, E. V., and L. M. Babina. [Health resort treatment for children with sequelae of otitis media, poliomyelitis and cerebral arachnitis] Kurortnoe lechenie detei s posledstviami otita, poliomielita i tserebral'nogo arakhnoidita. Moskva, "Meditsina," 1968. 152 p.

Turkachev, K. I. [Normal and pathological neurosecretion] Neirosekretsiya v norme i patologii. Moskva, "Meditsina," 1968. 210 p.

614.89 Psychiatry. Psychopathology. Mental diseases. Insanity

Alexandrovskiy, I. A. [Mental defects in medicine. Notes of a psychiatrist] Chelovek s pobesnutymi besnitsami. Zapiski psichiatra. Moskva, "Sov. Rossiya," 1968. 180 p.

[Clinical aspects of cerebrovascular disorders with mental disturbances. Materials of the Conference dedicated to the 80th Anniversary of the Activity of the Clinic named after S. S. Korsakov (1887-1967)] Klinicheskiye aspekty tserebrovaskulyarnykh razstroystv s psichicheskimi narusheniyami. Materialy konferentsii, posvyashch. 80-letiyu deyatelnosti Kliniki im. S. S. Korsakova (1887-1967). Mol.-kuzn' 1968 g. Moskva, 1968. 111 p.

[Medicinal preparations used in psychiatry. Handbook] Lekarnyeye preparaty, primenyaemye v psichiatrii. Spravochnik. Pod red. G. A. Avrotskogo. Moskva, "Tsent. biuro med. informatsii," 1967. 110 p.

[Psychiatry] Psichiatriya. 2-ye izd., pereabot. Moskva, "Meditsina," 1968. 448 p.

616.91 (47) 280—Moscow City

[Clinical aspects and modern therapy of mental diseases. Anniversary scientific and practical conference of physicians of the psychoneurological institutions of Moscow] Voprosy kliniki i sovremennoy terapii psichicheskikh zabolevaniy. Uchebnoye srazh. - prakt. konf. meditsinov vruch psichonevrolog. ustroystv g. Moskva. Moskva, 1968. 304 p.

616.9 Infectious diseases

Caplanishvili, O. M. [Basic problems of the methodology of scientific organization of the work and planning of laboratory work on the sanitary and epidemiological level] Osnovnyye voprosy metodiki nauchnoy organizatsii truda i planirovaniya raboty laboratorii sanitarno-epidemiologicheskogo profilla. Moskva, 1968. 68 p.

Podolskiy, M. I. [Epidemiology and prevention of Q fever] Epidemiologiya i profilaktika Ka-rikkeziy. Moskva, "Meditsina," 1968. 210 p.

[Medical geography] Meditsinskaya geografiya. 1966. Moskva, 1968. 363 p.

Shkharov, V. M. [Infectious hepatitis (Botkin's disease)] Infektsionnyy gepatit. (Bolezn' Botkina). Moskva, "Meditsina," 1968. 16 p.

616.94 (478)—Moldavia S. S. R.

[Botkin's epidemic hepatitis in Moldavia] Epidemicheskii gepatit Botkina v Moldavii. Pod red. M. T. Shirotskogo. Kishinev, "Karta moldoveneske," 1968. 163 p.

616.998 Virus infections

Korovin, A. [Influenza pneumoniae] Grippe s pnevmoniei. Kishinev, "Karta moldoveneske," 1968. 170 p.

617 Surgery

[Current problems of emergency surgery. (Materials of the Fourth and Fifth Scientific and Practical Conferences of the City Hospital and the Department of General Surgery of the Second Moscow M. I. Pirogov Medical Institute)] Aktualnyye voprosy neodkladnoy khirurgii. (Materialy 4-5 nauchno-prakticheskikh konf. razdel' 53-1 gorodskoi bol'nitsy sotsialno s meditsinskimi khirurgii 2-go Moskenskogo meditsinskogo instituta im. M. I. Pirogova) Pod red. I. U. K. Beresova, K. S. Shkolnikova. Moskva, "Meditsina," 1967. 498 p. (DNL4)

[Surgery for developmental defects in children] Khirurgiya porokov razvitiya u detei. Pod red. G. A. Balrova. Leningrad, "Meditsina," 1968. 608 p.

628 Gynecology. Obstetrics

[Practical obstetrics. (Selected sections)] Prakticheskoe akusherstvo (izbr. razdely). Pod red. A. P. Mikhomova. 2-ye izd., dop. izd. Kiev, "Zdorov'ya," 1968. 384 p.

Shashkova, P. G. [Gestational cycle of the woman, and its disorders] Gestatsionnyy tsikl zhenshchiny i ego razstroystva. Tbilisi, "Sobchota Shkole," 1968. 210 p.

Slavich, A. S. [Abdominal cesarean section in modern obstetrics] Abdominal'noe kessarevo sesheniye v sovremennoy akusherstve. Moskva, "Meditsina," 1968. 221 p.

618 Cooperative pathology. Veterinary medicine

Kryzhanov, P. D., and V. I. Artyukov. [Vitamins, trace elements, blood coagulants, and antibiotics in livestock breeding] Vitaminy, mikroelementy, krovosostoyaniye i antibiotiki v khivovodstve. [Leningrad] Leningrad, 1967. 194 p.

[Laboratory manual on obstetrics, gynecology and artificial insemination of farm animals] Praktikum po akusherstvu, ginekologii i iskusstvennomu osemneniyu molokhozhivotnykh zhivotnykh. Moskva, "Koloz," 1968. 304 p.

Yakovlev, M. A. [Microorganisms and the health of animals] Mikroorganizmy i zdorov'ye zhivotnykh. Moskva, "Koloz," 1968. 46 p.

Vysokovskiy, N. N. [Laboratory manual on veterinary virology and bacteriology] Laboratornyy manual po virusologii i bakteriiologii. (Materials of a conference of young scientists) Materialy konferentsii molodykh nauchnykh. Mol. 1967 god. Moskva, 1967. 97 p.

62 ENGINEERING AND TECHNOLOGY

[Basic information on the technology of the most important branches of the national economy] Osnovnyye svedeniya po tekhnologii vuznachestvuyushchikh otaslakh narodnogo khozyaystva. Moskva, "Mashinostroyeniye," 1968. 213 p.

Churba, L. E. [Analysis of disturbances from the wage fund in an enterprise] Analiz razrubodovaniya fondy zarabotnoi platy na predpriyatii. Moskva, "Ekonomika," 1968. 109 p.

Malash, K. Y. [Bibliographies of foreign bibliographies on technology. 1966-1968] Bibliografiya inostrannykh bibliografiy po tekhnologii. 1966-1968. Moskva, "Koloz," 1968. 300 p.

Kleyn, L. D. [Chinese-Russian military and technological dictionary] Kitaisko-russkii slovar' i tekhnicheskii slovar'. Moskva, Voenizdat, 1968. 646 p.

[Technological progress and structural changes in industry] Tekhnicheskii progress i strukturnyye izmeneniya v promyshlennosti. [Moscow state]. Pod red. L. V. O. i V. K. Polovnygina. Moskva, "Mysl'," 1968. 226 p.

625.71.12—Tyumen' Province

Maruyev, A. [Facilities for labor under new conditions] Usloviya truda v novykh usloviyakh. Pod obshch. red. P. A. Zhukova. Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967. 30 p.

625.71 Research. Use of models, etc.

Valov, N. I., and A. V. Shkolov. [Organizational problems in the development and introduction of mechanized information retrieval systems in scientific research institutes] Organizatsionnyye problemy razrabotki i vvedeniya mekhanizirovannykh IPB v nauchnykh IIL. Leningrad, 1968. 20 p.

686.1 Materials testing

Manolov, L. A., G. I. Krut'kovskiy, and V. G. Gerasimov. [Laboratory methods of testing building materials and structural parts] Metody laboratornykh ispytaniy stroitel'nykh materialov i stroitel'nykh detalей. Izd. 2-ye. Moskva, "Vyssh. shkola," 1968. 400 p.

Manolov, L. A. [Study of materials for auxiliary technical facilities, operators of construction machinery] Materialovedeniye dlya spetsial'no-ekspluatatsionnykh, spetsial'no-ekspluatatsionnykh stroitel'nykh mashin. Moskva, "Vyssh. shkola," 1968. 287 p.

620.17 Measurement of mechanical properties. Strength and deformability tests, etc.

[Industrial ultrasonic quality control of rolled plate with the help of UZUL equipment] Promyshlennyye kontrol' kachestva tolkatskogo produkta s pomoshch'yu ustroystv UZUL. Pod red. L. G. Merikova. Leningrad, 1968. 88 p.

Moysyev, I. G. [Effect of the gaseous atmosphere on the wear of metals] Vliyaniye gazovoy sredy na iznos metallor. Kiev, "Tekhnika," 1968. 180 p.

Byta, O. M. [Stress distribution around holes] Rasprede-lenie naprjazhenii okolo otverstii. Kiev, "Mashinostroyeniye," 1968. 87 p.

[Scientific principles and new methods for testing materials used in friction units] Nauchnyye printsipy i novyye metody ispytaniy materialov dlya vol'ov treniya. Moskva, "Mashinostroyeniye," 1968. 208 p.

Sholov, I. M. [Elements of the strength of materials] Elementy soptivnosti materialov. Leningrad, Leningrad, 1968. 143 p.

620.18 Investigation of structure. Metallography. Experimental study of materials

Moysyev, I. G. [Phase transformations in titanium alloys] Fazyovyye prevrashcheniya v splavakh titana. Moskva, "Mashinostroyeniye," 1968. 180 p.

Malov, I. V. [Manual for laboratory work on metallography and the heat treatment of metals and alloys] Posobie k laboratornoy rabote po metallografii i teplovu k obrabotke metallor i splavov. Izd. 2-ye, pereabot. i dop. Moskva, "Mashinostroyeniye," 1968. 155 p.

Petrov, I. I., and G. V. Tikhonchik. [Physical metallurgy of beryllium] Fizicheskoye metallovedeniye berilliya. Moskva, Atomizdat, 1968. 481 p.

[Structure of iron-base ceramic metal materials] Struktura metallokeramicheskikh materialov na osnove zheleza. Moskva, "Mashinostroyeniye," 1968. 140 p.

629.18 Defects and deterioration in materials. Corrosion and erosion

[Collection No. 14-M of standard district uniform estimates for construction work. Anticorrosive material coverings of equipment] Sbornik No. 14-M editsykh raionnykh editsykh razrabotok na montazhnoye raboty. Antikorroziyeye nemetallocheskie pokrytiya oborudovaniya. Izd. ofits. Uv. dlya primeneniya s 1 yanv. 1968 g. Moskva, "Khimika," 1968. 129 p.

[Collection No. 20 of standard district uniform estimates for construction work. Corrosion protection of structural members] Sbornik No. 20 editsykh raionnykh editsykh razrabotok na stroitel'noye raboty. Antikorroziyeye mekhanicheskoye stroitel'nykh konstruktsiy. Izd. ofits. dlya primeneniya s 1 yanv. 1968 g. Moskva, Stroiizdat, 1968. 83 p.

[Oxidation of metals. Translated from the French] Okislениe metallor. Pod red. Ya. Buzara. Moskva, "Mashinostroyeniye," 1968. 400 p.

T. I. [Theoretical principles] Teoreticheskiye osnovy. 1968. 400 p.

Turkachev, K. I. [Radiation defectology] Radiatsionnaya defektologiya. Moskva, Atomizdat, 1968. 840 p.

Shkolov, K. M., and M. A. Malashchikov. [Anti-corrosion coatings and protective anodes] Stokholovskaya belory i mekhanicheskoye stroitel'nykh konstruktsiy. Stroiizdat, 1967. 128 p.

Ullrich, Herbert H. [Corrosion and corrosion control. Translated from the English] Korroziiya metallor. Moskva, "Mol. granit," 1968. 206 p.

Kmit, M. V. [Course on corrosion and the protection of metals] Kurs korrozii i zashchity metallor. Moskva, "Mashinostroyeniye," 1968. 407 p.

681 Mechanical and electrical engineering. Machinery

Derzhev, P. F., M. A. Baidamov, and V. A. Mural'son. [Scientific organization of production, labor, and management] Nauchnaya organizatsiya proizvodstva, truda i upravleniya. Moskva, "Ekonomika," 1968. 261 p.

[Economics of the machinery industry of the U. S. S. R.] Ekonomika mashinostroyeniya i promyshlennosti SSSR. Moskva, "Mashinostroyeniye," 1968. 370 p.

Minayev, M. A. [Increasing the reliability of machinery] Povysheniye naedennosti mashin. Moskva, "Mashinostroyeniye," 1968. 207 p.

Rabchinsk, B. D. [Economic efficiency of standardization in the manufacture of machinery. (Methods of calculation)] Ekonomicheskaya effektivnost' standartizatsii v mashinostroyenii. (Metodika rascheta). Moskva, Izd. standartov, 1968. 107 p.

Vol'kov, I. I., and M. K. Kolosovskiy. [Mechanical problems in the dynamics of machinery] Mekhanicheskiye zadachi dinamiki mashin. Leningrad, "Mashinostroyeniye," 1968. 282 p.

Kovarski, Aleksandr B. [Methodological aid in the course "Electrical wiring operations". Methodological assistance in the course of electrical wiring operations. Moscow, "Vyssh. shkola," 1968, 108 p.

Mykhalovskiy, V. V. [Relay relays in relay protection]. Relays in relay protection. Leningrad, "Mashinostroyeniye," 1968, 283 p.

[Operation of relay protection, automatic control, and remote control equipment in electric power systems in the USSR and in the USSR]. Optimal'nyye relays i avtomaticheskoe upravleniye v sistemakh elektroenergetiki. Moscow, "Energiya," 1968, 81 p.

621.317 Measurement. Instruments and indicators. [Frequency-amplitude characteristics measuring devices and their applications]. Izmereniya amplitudno-chastotnykh kharakteristik i ikh primeneniya. Moscow, "Svyaz," 1968, 188 p.

[Magnetic field measurements]. Izmereniya magnitnykh polov. Moscow, "MFT," 1968, 180 p.

[Measurement of radiothermal and plasma radiation in the microwave band]. Izmereniya radiotermal'nykh i plazmennyykh izlucheniy v SVCh diapazone. Pod red. A. E. Busharova, M. A. Kolosova, Moscow, "Sov. radio," 1968, 300 p.

Troshin, E. A., G. E. Bryukina, and A. I. Trost. [Measurement of time intervals in telephony]. Izmereniya vremennykh intervalov v telefonii. Moscow, "Svyaz," 1968, 63 p.

621.318 Applied magnetism. Materials and apparatus. [Magnetic relays in relay protection]. Magnitnye relays v rel'yezhnoy zaishchite. Leningrad, "Mashinostroyeniye," 1968, 283 p.

621.32 Electric lighting equipment. Lamps. [Electric lighting lamps and lighting equipment]. Lampy elektricheskoye osvesheniya i ustroystva osvetitel'noy apparatury. Izd. offt. Moscow, Izd. standartov, 1968, 283 p.

621.328 Lasers. [Lasers in the technology of the manufacture of thin-film microcircuits]. Lazery v tekhnologii izgotovleniya mikroelektronicheskikh skhem. Leningrad, 1968, 37 p.

621.33 Electric tractors. [Automation and telemechanization of power supply devices on electric railways]. Avtomatizatsiya i telemekhanizatsiya ustroystv osvetitel'noy apparatury elektricheskikh stantsiy. Moscow, "Transport," 1968, 283 p.

[Maintenance and repair of electric rolling stock]. Eksploataatsiya i remont podv'ozhnogo sostava elektricheskikh stantsiy. Pod obshch. red. G. F. Gornova, Izd. 2-e, pereizdat. i dop. Moscow, "Transport," 1968, 283 p.

Mil'man, I. A. [Setup and operation of converting substations of city electric transport]. Ustroystvo i ekspluatatsiya prevrashchayemykh podstantsiy gorodskogo elektropodv'ozha. Moscow, "Vyssh. shkola," 1968, 283 p.

[Semiconductor rectifiers of traction substations]. Poluprovodnikovyye выпрямители тяговых подстанций. Moscow, "Transport," 1968, 111 p.

Mykhalovskiy, V. V., and G. V. Mykhalovskiy. [Electric equipment of the industrial rolling stock]. Elektricheskoye oborudovaniye promyshlennogo podv'ozhnogo sostava. 2-o pereizdat. i dop. Izd. Moscow, "Transport," 1968, 283 p.

Yakov, Mikhail Ivanovich. [Handbook for contact network electricians]. Spravochnik elektromontazhnikov kontaktov. Izd. 2-o, pereizdat. i dop. Moscow, "Transport," 1967, 239 p.

621.34 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.

Purkin, B. A. [Electrodeposition of a number of metals from complex (noncyanide) electrolytes]. Elektroosazhdeniye ruda metallov iz kompleksnykh (tsianidnykh) elektrolitov. Leningrad, 1968, 83 p.

Yung, I. [Acidic oxide films. Translated from the English]. Kisloty oksidnyye plivki. Pod red. L. N. Zelinsko. Leningrad, "Energiya," 1967, 233 p.

621.34 Thermoelectricity. Elements testing

[Low-temperature electric heating]. Nizkotemperaturnyye elektricheskoye greyeniye. Pod obshch. red. A. D. Sverdlovskogo. Moscow, "Energiya," 1968, 184 p.

621.37 Techniques of electric and electromagnetic waves, antennas and cables

[Frequency-amplitude characteristics measuring devices and their applications]. Izmereniya amplitudno-chastotnykh kharakteristik i ikh primeneniya. Moscow, "Svyaz," 1968, 188 p.

[Integrated circuits. Design principles and fabrication]. Integral'nyye skhemny. Printsipy konstruirovaniya i proizvodstva. Pod red. A. A. Kolosova. Moscow, "Sov. radio," 1968, 284 p.

Krivo, M. M. [Amplifiers]. Usilitel'nyye ustroystva. Moscow, "Svyaz," 1968, 338 p.

Ledyshinskiy, M. M. [Transistor modulators with parametric compensation]. Transistornyye modulyatory s parametricheskoy kompensatsiyey. Leningrad, 1968, 89 p.

Mykhalovskiy, V. V., and R. A. Tsigov. [Lasers in the technology of the manufacture of thin-film microcircuits]. Lazery v tekhnologii izgotovleniya mikroelektronicheskikh skhem. Leningrad, 1968, 37 p.

[Measurement of radiothermal and plasma radiation in the microwave band]. Izmereniya radiotermal'nykh i plazmennyykh izlucheniy v SVCh diapazone. Pod red. A. E. Busharova, M. A. Kolosova, Moscow, "Sov. radio," 1968, 300 p.

Mykhalovskiy, V. V., and G. V. Mykhalovskiy. [Theoretical foundations of electrical engineering. In two volumes]. Teoreticheskiye osnovy elektrotekhniki. V 2-kh t. Leningrad, "Energiya," 1968, 300 p.

T. I. Ch. I. [Practical concepts and laws of the electromagnetic field theory and the theory of electrical and magnetic circuits]. Osnovy poimaniya i razvitiya teorii elektromagnitnogo polya i teorii elektrotekhniki i magnitnykh tsirkuitov. Ch. 2. [Theory of linear electrical networks]. Teoriya lineynykh elektrotekhnicheskikh tsirkuitov. 1967, 233 p.

Prishepa, A. B. [Electromagnetic fields and their nature]. Elektromagnitnyye polya i ikh priroda. Moscow, "MFT," 1968, 283 p.

[Radio physics and semiconductor electronics]. Radiofizika i poluprovodnikovaya elektronika. Dnepropetrovsk, 1967, 180 p.

621.38 Electronics

[Integrated circuits. Design principles and fabrication]. Integral'nyye skhemny. Printsipy konstruirovaniya i proizvodstva. Pod red. A. A. Kolosova. Moscow, "Sov. radio," 1968, 284 p.

Krivo, M. M. [Metal bonding with glass]. Metal'noye svyazaniye s steklom. Pod red. N. D. Derisova. Izd. 2-o, pereizdat. i dop. Moscow, "Energiya," 1968, 280 p.

[Optimal problems in reliability. Translated from the English]. Optimal'nyye zadachi nadeynosti. Pod red. I. A. Ushakov. Moscow, Izd. standartov, 1968, 303 p.

Pol'kovoy, V. I. [Coefficient of effectiveness of the increase of reliability of electronic devices]. Koeffitsient effektivnosti povysheniya nadeynosti elektronnykh priborov. Leningrad, 1968, 24 p.

621.382 Semiconductor devices

[Control systems of thyristor converters with direct coupling]. Sistemy upravleniya tiristornymi prevrashchayemyimi ustroystvami s neposredstvennoy svyaz'yu. Leningrad, 1968, 81 p.

Kozlov, G. G., G. G. Kozlov, and G. G. Kozlov. [Technology of the serial manufacture of transistors and semiconductor diodes]. Tekhnologiya seriyonogo proizvodstva tranzistorov i poluprovodnikovyykh diodov. Moscow, "Energiya," 1968, 280 p.

[Radio physics and semiconductor electronics]. Radiofizika i poluprovodnikovaya elektronika. Dnepropetrovsk, 1967, 180 p.

621.383 Photoelectric tubes, cells, image converters

[Semiconductor solar energy converters]. Predchislitel'nyye kolektory energii na poluprovodnikakh. Moscow, "MFT," 1968, 233 p.

621.386 Electronic discharge tubes

[Electron microscopy and strength of crystals. Translated from the English]. Elektronnaya mikroskopiya i prochnost' kristallov. Pod red. D. A. Petrova. Moscow, "Mashinostroyeniye," 1968, 279 p.

[High energy electronics]. Elektronika bol'shikh energiy. Moscow, "MFT," 1968, 211 p.

Kovalevskiy, R. M., and A. A. Chikmarov. [Construction and technology of vacuum tight soldered connections]. Konstruktsiya i tekhnologiya vakuumoplotnykh svyaznykh soedineniy. Moscow, "Energiya," 1968, 204 p.

621.391 General electrical (communication) problems

Porokhov, A. I., and K. V. Mikhlin. [Measurement of the systems]. Izmereniya sistem informatsionnykh sistem. Moscow, "MFT," 1968, 63 p. (Novoe v shkol'noy tekhnike, Seriya "Radioelektronika i svyaz," 3).

621.398 Telephony

Troshin, E. A., G. E. Bryukina, and A. I. Trost. [Measurement of time intervals in telephony]. Izmereniya vremennykh intervalov v telefonii. Moscow, "Svyaz," 1968, 63 p.

621.398 Radiocommunication

[Long-distance tropospheric radiocommunication]. Dn's - dlya troposfernykh radiovysv'aznykh sistem. Moscow, "Svyaz," 1968, 248 p.

[Optimal problems in reliability. Translated from the English]. Optimal'nyye zadachi nadeynosti. Pod red. I. A. Ushakov. Moscow, Izd. standartov, 1968, 303 p.

Golov, David Mikhaylovich. [Alignment and testing of radio equipment]. Regulirovaniye i ispytaniya radioapparatury. Moscow, "Vyssh. shkola," 1968, 298 p.

[Radio receiving circuits using semiconductor devices. Design and calculations]. Radiopriemnyye skhemny na poluprovodnikovyykh priborakh. Proektirovaniye i raschet. Pod red. R. A. Val'kova, A. A. Krikovskogo, Moscow, "Sov. radio," 1968, 284 p.

Kozlov, Viktor H. [Frequency independent antennas]. Antennyy nezavisimyye ot chastoty. Pod red. A. F. Chelpana. Moscow, "MFT," 1968, 176 p.

621.397 Facsimile. Television

Kozlov, A. M. [Industrial television]. Promyshlennaya televideniye. Dnepropetrovsk, "Promin," 1968, 212 p.

[Radio] Moscow, "MFT," 1968, 186 p.

621.43 Internal combustion engines

[The IAMZ-238 and IAMZ-238 engines]. Dvigateli IAMZ-238 i IAMZ-238. Pod red. G. D. Chernysheva. Moscow, "Mashinostroyeniye," 1968, 231 p.

Kozlov, L. E. [Piston-type gas engines]. Osnovy dizel'nykh porshnevnykh tipa. 2-o izd. pereizdat. i dop. Leningrad, "Mashinostroyeniye," 1968, 248 p.

[Operating characteristics of the IAMZ-238 and IAMZ-238 engines]. Eksploataatsionnyye kharakteristiki dizel'nykh IAMZ-238 i IAMZ-238. Moscow, "Transport," 1968, 24 p.

Pol'kovoy, V. I., and V. I. Pol'kovoy. [Repair of the IAMZ-238 and IAMZ-238 engines]. Remont dizel'nykh IAMZ-238 i IAMZ-238. Moscow, "Transport," 1968, 24 p.

621.46 Rocket and jet engines

Kozlov, V. M., and V. A. Kozlov. [Jet engines and fuel]. Reaktivnyye dvigateli i toplivo. Moscow, "Mashinostroyeniye," 1968, 211 p.

621.47 Solar energy technology

[Semiconductor solar energy converters]. Predchislitel'nyye kolektory energii na poluprovodnikakh. Moscow, "MFT," 1968, 233 p.

621.5 Pneumatic energy. Machines. Refrigeration. Heat pumps

Kovalevskiy, R. M., and A. A. Chikmarov. [Construction and technology of vacuum tight soldered connections]. Konstruktsiya i tekhnologiya vakuumoplotnykh svyaznykh soedineniy. Moscow, "Energiya," 1968, 204 p.

[Manual pneumatic machinery. Handbook]. Pnevmaticheskaya mashinostroyeniye. Spravochnik. Leningrad, "MFT," 1968, 270 p.

[Price list for the installation of equipment]. Tsentral'nyy tsennik na ustankovku i ispytaniya priborov. Izd. offt. Dlya primeneniya s 1 ianv. 1968 g. Moscow, "Mashinostroyeniye," 1968, 47 p.

[Use of organosilicon coatings for decreasing radial gaps in axial flow compressors]. Primeneniye organosilikonnykh pokrytiy dlya umen'sheniya radial'nykh zazorov v osyevykh kompressorakh. Leningrad, 1968, 16 p.

621.6 Fluid distribution. Storage containers. Pipes. Pumps

[Construction and assembly of pipeline pumping and compressor stations]. Stroitel'stvo i montazh naosobnykh i kompressornykh stantsiy na magistral'nykh truboprovodakh. Moscow, "MFT," 1968, 243 p.

Oseleznikov, E. M., and V. P. Rott. [Electrohydraulic pumps] *Elektroprivodnye soobsheniya*. Moscow, "Energiya," 1968. 111 p.

[Instructions on the operation and acceptance of work in the construction of reinforced-concrete storage tanks for petroleum and petroleum products] *Ustavnye po proizvodstvu i priemke rabot pri sooruzhenii shkolobetonnykh rezervuarov dlya nefi i nefteproduktov* SN 383-67. Ind. offt. Ukr. 25/XII 1967 g. Moscow, Stroizdat, 1968. 43 p.

Oshremenko, M. M. [Principles of the theory and design of linear bedrock pumps for liquid metals] *Osnovy teorii i projektirovaniya lineynykh bedrochnykh nasosov dlya zhidkikh metallov*. Moscow, Atomizdat, 1968. 204 p.

[Parts of joints and the reinforcement of pipelines operating at $P \leq 250 \text{ kg/cm}^2$] *Detali spetsialnykh armaturnykh truboprovodov na $P \leq 250 \text{ kg/cm}^2$* . OOST 4340-68 OOST 4341-68. Ind. offt. Moscow, [Ind. standartov], 1968. 64 p.

[Price list for the installation of equipment] *Tsennik na montazh oborudovaniya*. Ind. offt. dlya prirasheniya s 1 iav. 1968 g. Moscow, "Mashinostroyeniye."

Mo. 7. [Compressor machines, pumps and fans] *Kompresornyye mashiny, nasosy i ventilatory*. 1968. 47 p.

Starichenko, V. V. [Standard pumping station for SNV-1000 powered radio supports. (Circle to their operation)] *Unifikirovannaya nasosnaya stantsiya dlya shkolbnykh mashinostroyennykh krepel SNV-1000*. (Rukovodstvo po eksploatatsii). Moscow, "Vedra," 1968. 58 p.

Vakhlov, B. L. [Extraction of pumping and air blower stations in metallurgical plants] *Cherpadovnye i vzdukhodувные stantsii metallurgicheskikh zavodov*. Moscow, "Metallurgiya," 1968. 278 p.

621.7 Workshop practice. Plastic working, forming. Burillo, D. A., and A. A. Shpil'ts. [Schematic study of complex equipment using the "Minsk-32" digital computer] *Razrabotka skhemnykh izdeliy na EVM "Minsk-32"*. Leningrad, 1968. 28 p.

Mahozov, M. L., and B. L. Goriun. [Business accounting in auxiliary workshops] *Khozraschet v pomogatel'nykh tsakhov*. Moscow, "Ekonomika," 1968. 154 p.

Nikitin, V. M. [Technology of metals and building materials (brief course)] *Tekhnologiya metallov i stroitel'skiye materialy*. (Kratkiy kurs). Ind. 8-o, pererabot. 1 dop. Moscow, "Vyssh. shkola," 1968. 260 p.

621.7 (471.32) — Leningrad City [Metalworkers of the Malaya Island. Brief outline history of the Leningrad Nonferrous Metal Working Plant] *Metalurgiy a Malaya ostrova*. Kratkiy ocherk istorii Leningr. s-da po obrabotke met. metallov. Leningrad, Izdatel'stvo, 1967. 250 p.

621.78 Pattern and die casting. Kozlov, D. P., A. V. Yakubov, and A. V. Lashinoy. [Making metal dies impression cavities by solid extrusion] *Izgotovleniye rabochikh poleznoy massy presovaniy kholodnykh vydavleniyem*. Leningrad, 1968. 54 p.

621.73 Forge and hammer work. Rubtsov, A. V. [Hammer forging of alloyed steel ingots] *Kovka na molotakh sploykov iz legirovannykh metallov*. Moscow, "Mashinostroyeniye," 1968. 26 p.

621.74 Foundry. Foundry work. [Applying modern technical means and systems in the automation and mechanization of foundry processes. Automation and mechanization of foundry processes. Abstracts of reports of the Second All-Union Scientific and Technological Conference. Section 3] *Primeneniye sovremennykh tekhnicheskikh sredstv i sistem pri avtomatizatsii i mekhanizatsii litovnykh protsessov*. Avtomatizatsiya i mekhanizatsiya litovnykh protsessov. Tezisy dokladov II Vsesoyuz. nauch.-tekhn. soveshchaniya. Sektoria III. Leningrad, 1967. 144 p.

Rashkov, M. P. [Drying and hardening foundry molds and cores] *Bumka i uprochneniye litovnykh form i sterzhnev*. Moscow, "Vyssh. shkola," 1968. 176 p.

[Continuous iron casting] *Nepreeryvnoe litie zheleza*. Moscow, "Metallurgiya," 1968. 236 p.

[Coremaking in heated molds] *Proizvodstvo sterzhnev v nagretykh opankach*. Kiev, "Tekhnika," 1968. 60 p.

Kozlov, A. P. [Technology of the foundry mold] *Tekhnologiya litovnoy formy*. Pod red. I. A. Skopnaya. Moscow, "Mashinostroyeniye," 1968. 247 p.

Milits, I. A., and A. B. Imay. [Powder workers of new alloyed alloys] *Litovnykh novykh sploykov*. Leningrad, "Mashinostroyeniye," 1968. 300 p.

[Precision casting of alloyed alloys in gypsum and ceramic molds] *Tokovoe litie sploykov v gipsovykh i keramicheskikh formakh*. Moscow, "Mashinostroyeniye," 1968. 260 p.

Mich, J. K. [Precision casting] *Tokovoe litie po vyplavimym modeliam*. Ind. 8-o, pererabot. 1 dop. Leningrad, "Mashinostroyeniye," 1968. 228 p.

Shvachkin, A. M. [Principles of forming foundry alloys. Abstracts of reports] *Osnovy obrabotki litovnykh sploykov*. Tezisy dokladov. Moscow, "Mashinostroyeniye," 1968. 78 p.

621.74 (474.3) — Latvian S. S. R. Pashkevich, V. M., P. Q. Vinnichenko, and O. K. Poltchik. [Latvian scientific and technological conference on progressive technology in foundry practice (Abstract of reports)] *Latvianka respublikaunskaya nauchno-tekhnicheskaya konferentsiya po progressivnoy tekhnologii v litovnoy proizvodstve* (Referativnyi ocherk dokladov). Riga. Vyp. 1. 1967. 7 p.

621.78 Toolmaking. Gearing. Filips. Assembly. Belykh, M. E. [Methods for teaching a general course in filing] *Metody naucheniya obrabotke obshchego kursa filirovaniya*. Moscow, "Vyssh. shkola," 1968. 148 p.

Belykh, M. E. [Mechanization of the assembly of metal-urgical plant equipment] *Mekhanizatsiya montazha oborudovaniya metallurgicheskikh predpriyatiy*. Moscow, "Metallurgiya," 1968. 261 p.

Shneider, M. I. U. [Calculating the efficiency of a metal forming machine taking into account the operational properties of parts] *Raschet ekonomicheskoi verkhnei chislolov obrabotki s uchedom stroitel'stvennykh svoystv detalей*. Leningrad, 1968. 36 p.

Shvachkin, A. M., and M. M. Oshremenko. [Precision of multipurpose interchangeable attachments (USP)] *Tokovost' obrotki universal'no-svobodnykh pripodobi* (USP). Moscow, Ind. standartov, 1968. 90 p.

621.77 Rolling. Bogdanovskiy, K. M., and I. V. Shchegolev. [Bent aluminum alloy sheets] *Gnutyie profil' iz aluminovykh sploykov*. Leningrad, 1968. 36 p.

[Technical ultrasonic quality control of rolled plate with the help of USU equipment] *Proyecheniye i ustroystvo kontrol' kachestva tolkolistovogo produkta s pomoshch'yu ustroystv USU*. Pod red. L. G. Merkulova. Leningrad, 1968. 83 p.

Shvachkin, A. M., and I. I. Orskil. [Rolling with small reduction] *Prokatka s malym obshchennym*. Moscow, "Mashinostroyeniye," 1968. 187 p.

621.771 Rolling mill. Kozlov, A. I., and G. D. Solov'yev. [Rolling mill electricity] *Elektricheskoye oborudovaniye*. Moscow, "Metallurgiya," 1968. 224 p.

Shvachkin, A. M. [Ventilation and heating of rolling mills] *Ventilyatsiya i otopleniye rolkovnykh tsakhov*. Moscow, "Metallurgiya," 1968. 186 p.

621.774 Pipe and tube manufacturing. Shvachkin, A. M., and A. M. Bytchikov. [Increasing the efficiency of nonferrous metal tube production. (Extraction, drawing, rolling)] *Povysheniye effektivnosti proizvodstva trub iz nerzhavayushchikh metallov*. (Proizvodstvo, volokneniye, produktsiya). Moscow, "Metallurgiya," 1968. 140 p.

621.78 Heat treatment. Bytchikov, A. M. [The nonmagnetic treatment of steel] *Termomagnitnaya obrabotka stali*. Moscow, "Metallurgiya," 1968. 98 p.

Bobro, I. O. [Isothermal hardening of cast iron] *Izotermicheskaya zashchima chuguna*. Kharkov, "Prepor," 1968. 113 p.

[Heat treatment of large-size parts with a large diameter] *Sobremennyye metody obrabotki velikikh detalей s bol'shimi diametrami*. Temat. sbornik otechestv. literatury za 1963 - 1967 gg. Moscow, 1967. 28 p.

Martynovskiy, M. S. [Technology and equipment of heat-treatment shops] *Tekhnologiya i oborudovaniye termitovnykh tsakhov*. Moscow, "Mashinostroyeniye," 1968. 126 p.

Fal'kov, I. V. [Manual for laboratory work on metallography and the heat treatment of metals and alloys] *Posobie k laboratornoy rabote po metallografii i termicheskoy obrabotke metallov i sploykov*. Ind. 8-o, pererabot. 1 dop. Moscow, "Metallurgiya," 1968. 186 p.

621.79 Vacuum other kinds of metalwork. [Collection No. 4-M of standard district uniform conditions for construction work. Anticorrosive nonmetal coatings of equipment] *Sbornik No. 4-M editsykh raionnykh edicheskikh razrabotok na temy: Antikorroziyaya nemetallicheskaya pokrytiya oborudovaniya*. Ind. offt. Ukr. dlya prirasheniya s 1 iav. 1968 g. Moscow, "Khimiya," 1968. 126 p.

621.791 Welding and allied techniques. Burtskii, K. V., K. A. Dobrotya, and K. K. Kharepov. [Theory of welding processes] *Teoriya svartovnykh protsessov*. Kharkov, Izd. Khark. univ., 1968. 503 p.

[Calculating temperature fields in plates during their electric fusion welding. Handbook. (Computation tables)] *Raschet temperaturnykh pol' v plastinakh pri elektro-svartke plavleniyem*. Spravochnik. (Tablitsy dlya vychisleniya). Kiev, "Mashinostroyeniye," 1968. 623 p.

Dobrotya, K. A. [X-ray microspectral analysis in welding] *Mikrospektralnaya analiza v svartke*. Kiev, "Mashinostroyeniye," 1967. 11 p.

[Electrodes for arc welding and hard facing Catalog] *Elektrody dlya dugovoi svarki i napravki*. Katalog. Kiev, "Mashinostroyeniye," 1967. 440 p.

Kryazev, B. E. [Thermal welding in electric wiring operations] *Termicheskaya svarka v elektricheskikh operatsiyakh*. Tekhnicheskaya svarka v elektricheskikh operatsiyakh. Moscow, Stroizdat, 1968. 127 p.

Kovalevskiy, B. M., and A. A. Chukmarov. [Construction and technology of metal in high soldered connections] *Stroitel'stvo i tekhnologiya voloknosvartnykh svyaznykh soedineniy*. Moscow, "Energiya," 1968. 208 p.

Shvachkin, A. M., and P. A. Kharepov. [Approximate method of calculating the reduction in length of metal structure elements during their welding] *Priblizhennyye metody rascheta skorocheniya elementov metallostrukturnykh pri svartke*. Leningrad, 1968. 36 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Progressivnyye metody obrabotki materialov").

621.793 Joining by adhesion. Bonding, gluing. Pressure joining, plugging, caulking. Lashinoy, A. V. [Metal bonding with glass] *Spal metallov so staklom*. Pod red. M. D. Derzhavina. Ind. 8-o, pererabot. 1 dop. Moscow, "Mashinostroyeniye," 1968. 289 p.

621.793 Metallization. Burko, B. A. [Electrodeposition of a number of metals from complex (cyanide) electrolytes] *Elektroosazhdeniye rade metallov iz slozhnykh (tsianidnykh) elektrolitov*. Leningrad, 1968. 32 p.

621.82 Transmission systems and parts. Makov, O. B. [Calculation of shaft vibrations. A reference manual] *Raschet kolebaniy velov*. Spravochnoe posobie. Moscow, "Mashinostroyeniye," 1968. 271 p.

621.83 Gears, cones, helms, racks. Lashinoy, A. V. [Design of cone mechanisms for hoisting] *Raschet i projektirovaniye konicheskikh mekhanizmov priborov*. Moscow, "Mashinostroyeniye," 1968. 104 p.

Lashinoy, A. V. [Measurement of gear wheels. (Allowances, methods and means of control)] *Izmereniye zubechnykh kolos*. (Dopusk, metody i sredstva kontrolya). Ind. 8-o, pererabot. 1 dop. Leningrad, "Mashinostroyeniye," 1968. 208 p.

621.84 Materials handling. Mechanical handling and hoisting equipment. Porton, I. A., and M. T. Barinov. [Modern equipment of plant transportation systems] *Progressivnyye sredstva voznika i volokneniya*. Leningrad, 1968. 28 p.

Fal'kov, I. V. [Theoretical and experimental investigation of ball-ropes conveyors] *Teoreticheskiye i eksperimental'nye issledovaniya kugolozno-konatnykh konveyerov*. Moscow, "Vedra," 1968. 87 p.

621.86 Lubrication. Friction reducing and increasing devices. Makovskiy, A. B., and others. [Lengthening the life of crank case lubricants in diesel locomotive engines] *Prodleniye zhizni smazkiykh sredstv v dizelnykh dvigatel'nykh diskakh*. Moscow, "Transport," 1968. 68 p. (Moskva. Vsesoyuznyi nauchno-issledovatel'skiy institut shkolnodozruchnogo transporta. Trudy, no 871).

621.8 Tools. Machine tools. Modeling. [Electric automatic control of precision machine tools] *Elektroavtomaticheskoe upravleniye tochnykh stankov*. Moscow, "Mashinostroyeniye," 1968. 129 p.

Orskil, B. A., and A. B. Shvachkin. [Automatic regulation and control of electroerosion machines] *Avtomaticheskoe regulirovaniye i upravleniye elektroeroziyonykh stankami*. Leningrad, 1968. 14 p.

Tekhnicheskoy, V. K. [Devices for preventing machine-tool overloading] *Prisoboraniya dlya zabeshchazheniya ot peregruzki stankov*. Ind. 8-o, dop. 1 pererabot. Moscow, "Mashinostroyeniye," 1968. 111 p.

Vakhlov, B. L., and V. L. Kozlovskiy. [Operating electro-eroding equipment of machine tools] *Eksploatatsiya elektro-erodirovaniya metalloobrabotnykh stankov*. Leningrad, "Mashinostroyeniye," 1968. 160 p.

- 621.92 Abrading, abrasive. Grinding, polishing. Cracking, separating and sizing.
Dobson, L.D. [Diamond smoothing of machine-part surfaces] Abrasivno vyglazhivanie poverkhnostei detalей mashin. Kishinev, 1958. 21 p.
- Yankel, L.D., and J.U.A. Kaplan. [High purpose grinding machines] Universal'no-svetovnye stanki. Moskva, "Mashinostroyeniye," 1968. 228 p.
- Sokolov, V.P., and V.O. Oparnyk. [Crusher operator] Mashinist drobitel'. Pod red. M.K. Kalita. Leningrad, Stroitel', 1968. 88 p.
- 621.94 Lathes and lathe work. Turning.
Dunlop, B.F. [New tools for turning] Noveye instrumenty dlya tokarykh robot. Opyt raboty. Izd. 2-e, dop. i ispr. Moskva, "Mashinostroyeniye," 1968. 80 p.
- 621.98 Sheet metal working, bending machines.
Popov, V.A. [Principles of the theory of sheet metal work] Osnovy teorii listovoi obrabotki. Moskva, "Mashinostroyeniye," 1968. 283 p.
- 622.1 Preliminary investigation. Exploration. Sampling and analysis.
Pepov, M.O., and R.O. Mogilyov. [Theory of errors and the least squares method] Teoriya oshibok i spetsial'nykh kvadrator. Moskva, "Nedra," 1968. 283 p.
- Mavrovo, A.Kh. [Organization of mine surveying operations and survey maintenance service] Organizatsiya snimatel'skoy sluzhby i markirovaniya rabot. 2-e pereizd. izd. Moskva, "Nedra," 1968. 207 p.
- 622.8 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling.
Akhmet, A.K. [Testing of mineral resources in well drilling] Oprobovaniye poleznykh iskopaemykh pri borezheni skvazhin. Moskva, "Nedra," 1968. 204 p.
- [Drilling of deep wells and cost accounting] Razvitiye glubokikh skvazhin i khoskhet. Uzhgorod, "Karpaty," 1968. 111 p.
- [Expansion of open-pit mining in the U.S.S.R.] Razvitiye otkrytykh gornykh robot v SSSR. Moskva, "Nedra," 1968. 358 p.
- [Handbook of a strip mine power engineer] Spravochnik energetika kuznits. Pod obshch. red. L.B. Sverdlova. Moskva, "Nedra," 1968. 537 p.
- Karabagov, M.A., and V.I. Mityayev. [Micromethod for drilling horizontal boreholes] Mikroreol v probleme gorizontal'nykh skvazhin. Moskva, "Nedra," 1968. 163 p.
- Kovalov, I.A., and B.A. Babakov. [Increasing the efficiency of ore deposit mining] Povysheniye effektivnosti razrabotki rudnykh massirobrazheniy. Moskva, "Nedra," 1968. 206 p.
- Kulakov, N.A., and U.I. Anisimov. [Technology of open-pit mining] Tekhnologiya otkrytykh gornykh robot. Moskva, "Nedra," 1968. 400 p.
- Lavrenko, P.M. [Underground repair of shafts] Podzemnyy remont skvazhin. 3-e, dop. i pereizd. izd. Moskva, "Nedra," 1968. 413 p.
- [Materials for artificial pillars and the technology of their erection] Materialy dlya iskusstvennykh steblov i tekhnologiya ikh vozvedeniya. Moskva, "Nedra," 1968. 78 p.
- [Modern drills and drilling rigs of foreign make] Sovremennyye zarubezhnye burovyye stanki i stanki. Moskva, "Nedra," 1967. 228 p.
- Napieriev, N.M., M.A. Padoykin, and A.I. Markov. [Characteristics of the thermal field of an oil field] Osobennosti teplovogo polya neftegornogo mestorozhdeniya. Kuus', Izd. Kuus', un-ty, 1968. 163 p.
- Phade, A.A., V.A. Yarovskoy, and A.N. Borshch. [Manual on shot working] Posobie po strobovym boreniam. Izd. 2-e, pereizd. i dop. Moskva, "Nedra," 1968. 171 p.
- [Present state of mining engineering in the U.S.S.R.] Sovremennoye sostoyeniye gornoy nauki v SSSR. Moskva, "Nedra," 1968. 684 p.
- Sokolov, M.A. [New developments in the technique and technology of building oil wells] Noveye razvitiya i tekhnologiya stroitel'stva skvazhin. Moskva, "Nedra," 1968. 147 p.
- Shkiba, I.B. [Working carbonate rock deposits. (Over the production of gravel)] Razrabotka karbonatnykh horstovykh porod. (Dlya proizvodstva shvetsov). Moskva, "Nedra," 1968. 202 p.
- Shteyn, M.Y. [Pulsed infusion blasting for the fracturing of solid media] Vozmozhnosty pul'snogo razrabotki tverdykh sred. Moskva, "Nedra," 1968. 49 p.
- [Strength, durability and reliability of mining equipment. Bibliography of Russian and foreign literature. Prochnost', dolgovechnost' i naiznashchivost' gornogo oborudovaniya. Bibliogr. uchenykh obozneniy i nauch. literatura. Moskva, 1967. 72 p.
- Berguchev, M.L. [Methods for controlling and regulating the development of oil fields] Metody kontrolia i regulirovaniya protsessov razrabotki neftegnykh mestorozhdeniy. Moskva, "Nedra," 1968. 380 p.
- [Unified safety regulations during blasting operations. Compulsory for all ministries, administrations, organizations and enterprises conducting blasting operations except the Ministry of Defense of the U.S.S.R.] Edinye pravila bezopasnosti pri vzyvnykh operatsiyakh i predpriyatiyakh, vysshchikh vuznykh i inzh. kromе M-vn obraty SSSR. Ust. Gosgortekhnobezopasnosti SSSR. 26/III 1947 g. [Pereizd. i dop. izd.] Moskva, "Nedra," 1968. 349 p.
- Voloshin, M.E. [Advanced development of protective safety stopping sheets] Operatsionnaya razrabotka ushchegnykh polozhnykh plastov. Moskva, "Nedra," 1968. 86 p.
- 622.9 Mining of specific minerals, ores, rocks, liquid and gaseous minerals.
Ajajon, T.L. [French-Russian and Russian-French dictionary of oil-field terminology for schools of higher education not specializing in foreign languages] Frantsuzsko-russkiy i russko-frantsuzskiy (terminologicheskii slovar') po neftegornoyu delu dlya vuznykh uchilishch. Moskva, "Vyssh. shkola," 1968. 279 p.
- [Analyzing the economic activity of enterprises of the petroleum and gas industries] Analiz khoskhetvennoi deyatelnosti predpriyatiy neftegornoy i gazovoy promyshlennosti. Moskva, "Nedra," 1968. 181 p.
- Barlov, M.M., A.I. Zakhov, and T.S. Alekseev. [Preparation of natural gas and condensate for transportation] Podgotovka prirodnogo gaza i kondensata k transportu. Moskva, "Nedra," 1968. 218 p.
- Chirkov, I.I., G.S. Zynayev, and M.P. Zippenskiy. [Economic evaluation of systems of mining from ore deposits] Ekonomicheskaya otsenka sistem razrabotki shchegolnykh massirobrazheniy. Moskva, "Nedra," 1968. 176 p.
- [Enterprise for the production of gravel. Technology and mechanization of the quarrying and processing of stone for gravel] Predpriyatiya po proizvodstvu shchegola. Tekhnologiya i mekhanizatsiya dobychi i pererabotki kamnya na shchegol. Pod red. P.M. Yagel'boya. Moskva, "Transport," 1967. 321 p.
- Kapustov, K.K. [Reorganization, mechanization and automation of mines in foreign countries] Reorganizatsiya, mekhanizatsiya i avtomatizatsiya shchitov na razrabotku. Moskva, "Nedra," 1968. 213 p.
- [Modern methods of designing coal mines] Sovremennyye metody projektirovaniya ugli'nykh shchitov. Moskva, "Nedra," 1968. 143 p.
- Martynov, N.M., M.A. Padoykin, and A.I. Markov. [Characteristics of the thermal field of an oil field] Osobennosti teplovogo polya neftegornogo mestorozhdeniya. Kuus', Izd. Kuus', un-ty, 1968. 163 p.
- [Radio wave measurements in soil mining, preparation, and prospecting operations] Radiovolnovyye izmereniya pri dobyche, podgotovke i razvedke ugla. Pod obshch. red. E.I. Arana. Kiev, "Rada," 1967. 221 p.
- [Miners, their trapping and dewatering] Shkury, ikh uylivaniye i obovoshivaniye. Moskva, "Nedra," 1968. 204 p.
- Shteyn, M.Y. [Coal and profit in ore mining] Shchegol i pribyl' v gornorudnoy promyshlennosti. Moskva, "Nedra," 1967. 149 p.
- Shukhail, O.E. [Theoretical foundations of the use of pressure energy of natural gas] Teoreticheskiye osnovy ispol'zovaniya energii davleniya prirodnogo gaza. Moskva, "Nedra," 1968. 268 p.
- 622.9444—France
[Natural gas of France] Prirodnyy gas Frantsii. Pod obshch. red. A.K. Kortanova. Moskva, "Nedra," 1968. 136 p.
- 622.9(471.323)—Kursk Province
Lozskiy, V.V. [Working and draining water-logged rocks in open-pit mines of the Kursk Magnetic Anomaly] Razrabotka i osushcheniye obvodnenykh porod na kuznetskoy KMA. Moskva, "Nedra," 1968. 133 p.
- 622.9(477)—Ukraine S.S.R.
Shchegolev, S.A. [Experience in the study and reducing of morbidity among the workers of Khropol'-Margarita Dacha] Opyt po izucheniyu i snizheniyu zabolevayemosti rabochikh Khropol'-Margaritskogo bazena. Moskva, "Meditsina," 1968. 88 p.
- 622.9(571.17)—Kansans Province
[Handbook for miners of the Kansas Basin] Spravochnik shchitovaya kuznitsa. Pod obshch. red. L.K. Orlov. Moskva, "Nedra," 1968. 224 p.
- 622.9(73)—United States of America
Podolskiy, R.U. [Coal mining industry of the U.S.A. (Technical and economic survey of industry and equipment and methods of coal-mining equipment performance)] Ugli'naya promyshlennost' SShA. (Tekhn. i ekon. issled. i osnasteniye i oborudovaniye i metody razrabotki i proizvodstva shchitov). Moskva, "Nedra," 1968. 177 p.
- Barlov, M.M., A.I. Zakhov, and T.S. Alekseev. [Preparation of natural gas and condensate for transportation] Podgotovka prirodnogo gaza i kondensata k transportu. Moskva, "Nedra," 1968. 218 p.
- 622.4 Mine services, installations, equipment.
Barlov, M.M., and V.P. Chernyak. [Heat calculations and methods of cooling mine air in the building of (large) mines] Teplovyye raschyety i sposoby okhlazhdeniya rodnogo vozdukh pri stroitel'stve glubokikh shchitov. Moskva, "Nedra," 1968. 123 p.
- Kulikov, M.V. [Efficiency of using pipes of glass resin-forced plastics in the mining industry] Effektivnost' primeneniya trub iz stekloplastikov v gornodobyivno-shchitovoy promyshlennosti. Moskva, "Nedra," 1968. 81 p.
- Radakov, L.Y., and I.M. Dobinskii. [Brook and fuel-jetment of electrical equipment and means of automation in mines. (A reference manual)] Montazh i ulavlieniye elektrooborudovaniya i sredstv avtomatizatsii na shchitakh. (Spravochnoe posobie). Moskva, "Nedra," 1968. 336 p.
- Shteyn, M.Y. [Dry transformers and portable substations in mines] Suchinye elektrotansformatory i peredachnye podstantsii. Moskva, "Nedra," 1967. 263 p.
- Starichkov, V.V. [Standard pumping stations for DMU-IMK powered mine supports. (Guide to their operation)] Ustoychivyye stantsii dlya shchitov dlya shchitov dlya shchitov dlya shchitov. (Rukovodstvo po eksploatatsii). Moskva, "Nedra," 1968. 88 p.
- [Ventilation of mine workings of great length] Proventsiyazhnyye teplovyye vybroski bol'shoi dliny. Moskva, "Nedra," 1968. 78 p.
- 622.8 Mine water. Drainage. Unwatering.
622.8(471.323)—Kursk Province
Plesnits, E.P., and V.A. Mironov. [Water drainage procedure in open-pit mines of the Kursk Magnetic Anomaly] Vodopostavleniye na kuznetskoy KMA. Moskva, "Nedra," 1968. 136 p.
- 622.8 Drainage and handling. Hoisting. Winding.
Shteyn, M.Y. [Straw concentration in mine handling machine parts] Koncentratsiya sypucheykh veshchestv v mashinnykh chastyakh. Pod obshch. red. M. V. Tarasova. Moskva, "Nedra," 1968. 81 p.
- [Instructions on the erection and acceptance of work in the construction of reinforced-concrete storage tanks for petroleum and petroleum products] Ustav dlya po stroitel'stvo i priemka robot pri sooruzhenii shchitovnykh rezervuarov dlya nefi i nefteproduktov. SN 263-67, izd. otkr. Ust. 28/XII 1967 g. Moskva, Stroitel', 1968. 43 p.
- [Reinforced-concrete tanks for the storage of petroleum and petroleum products. Designing and construction] Shchitovyye rezervuary dlya khraneniya nefi i nefteproduktov. Projektirovaniye i sooruzheniye. Pod obshch. red. T.T. Stukova. Moskva, "Nedra," 1967. 237 p.
- [Storage of gas in horizontal and gently sloping water-bearing layers] Khraneniye gaza v gorizontal'nykh i pologonagibnykh vodonashchykh plastakh. Kuznitsa, "Nedra," 1968. 300 p.
- 622.7 Mineral dressing. Ore preparation.
Shteyn, M.Y. [Brickmaking coal with petroleum handling agents] Brikitirovaniye kuznetskogo ugla s neftegnyimi sredstvami. Moskva, "Nedra," 1968. 88 p.
- [Methods of improving the physicochemical properties of structured suspensions] Metody uluchsheniya fiziko-khicheskikh svoystv strukturirovannykh suspenziy. Moskva, "Nedra," 1968. 178 p.
- Shcherba, V.P., and D.S. Sobolev. [Present state and basic trends in the further development of flotation in foreign countries] Sostoyaniye i osnovnyye napravleniya razvitiya flotatsii na razrabotku. Pod. nach. red. V.A. Gerasimova. Moskva, "Nedra," 1968. 854 p.
- [New methods of increasing the efficiency of mineral dressing] Noveye metody povysheniya effektivnosti obrabotki. Pod. otkr. Dlya primeneniya i izv. 1960 g. Moskva, "Nedra," 1968. 108 p.
- No. 4. [Crushing, grinding, dressing, and sorting equipment] Drobitel'no-rastol'mos, obogalitel'noy i slegmental'noye oborudovaniye. 1968. 108 p.
- Shcherba, V.P., and M.P. Antoshchukhin. [Treatment of a similar charge] Razrabotka i osushcheniye obvodnenykh porod na kuznetskoy KMA. Moskva, "Nedra," 1968. 177 p.
- [Miners, their trapping and dewatering] Shkury, ikh uylivaniye i obovoshivaniye. Moskva, "Nedra," 1968. 204 p.

- 627.4 Improvement of rivers, streams. Protection. Treating water
Dagilarev, Y. V. [Straightening of rivers] Vypravlenie rek. Bd. 1-2, pereizdat. Moskva, "Transport," 1968. 192 p.
- 627.8 Dams. Large concrete and masonry dams. Hydraulic power plant works
Mikhlin, B. L. [Power engineering in hydraulic power plants] Energetika gidroelektrits. Moskva, "Mashin," 1968. 268 p.
[Problems of organizing the work of engineering-seismology on dams built from local building materials] Voprosy organizatsii inzhenerno-seismologicheskoy sluzhby na plotinakh iz mestnykh materialov. Pod red. Sh. G. Nigmatovskaya. Dushanbe, "Dushanbe," 1968. 41 p.
- 627.8471.53—Irkutsk Province
Kedrina, S. I. A. [Full-scale investigation of the dam at the Bratsk Hydroelectric Power Plant] Natsionalno-issledovatel'skiy tsentr OES. Leningrad, "Energiya," 1968. 250 p.
- 628.1 Water supply. Waterworks
[Collection No. 37 of standard district water estimates for construction work. Water] Sbornik No. 37 edinykh rayonnykh edinstvennykh raschetov na stroitel'nye raboty. Sbornik, Izd. of S. U. dlya priblizheniya s i kuznitsa 1969 g. Leningrad, "Mashinostroenie," 1968. 111 p.
[Scientific studies on water problems] Nauchnye issledovaniya po vodnym problemam. Moskva, "Mashin," 1968. 143 p.
- Shchegolev, V. P. [Methods and calculations of water pipelines and water-supply systems] Shkoly i raschet vodovodov i vodoprovodnykh sistem. 2-o izd., pereizdat. Moskva, "Vysshaya shkola," 1968. 271 p.
- 628.3 Sewage. Purification, etc.
[Problems of sewage disposal sewage-treatment devices] Voprosy resheniya problem vyvoda i obrabotki stочnykh vod. Informatsionnoye posobie. Stroitel'stvo i arkhitektura, 1968. 21 p.
- 628.5 Illuminatory engineering
[Electric lighting lamps and lighting equipment] Lampy elektricheskoy osvещения i svetotekhnicheskaya apparatura. Bd. of S. U. Moskva, Izd. standartov, 1968. 263 p.
- 628.11 Land and road vehicles
Krupnyy, G. A. [Electric motor vehicles] Elektricheskiye avtomobily. Moskva, "Transport," 1968. 104 p.
- 628.113 Mechanically propelled (motor) vehicles. Automobile engineering
[Adjustment of tractors. (Handbook)] Regulirovaniye traktorov. (Spravochnik). Pod obshch. red. M. S. Gorbunova. Leningrad, "Kolos," 1968. 266 p.
[Checking the technical condition of motor vehicles. Introduction to technical diagnostics] Proverka tekhnicheskogo sostoyaniya avtomobilov. Vved. v tekhn. sluzhbu. Pod obshch. red. I. A. Kh. Zakhid. Moskva, "Transport," 1968. 98 p.
[Complete motor-vehicle handbook] Komplet avtomobil'nykh spravochnikov. Bd. 2-3, pereizdat, 1 dop. Moskva, "Transport," 1968. 643 p.
[The GAZ-53A motortruck] Avtomobil' GAZ-53A. Pod red. A. D. Prosvirnykh. Moskva, "Mashinostroenie," 1968. 143 p.
Lazarev, A. A., A. A. Shalost, and M. A. Etkin. [The T-100M and B-180 tractors. (Design, operation, and maintenance)] Traktory T-100M i B-180. (Konstruktsiya, Eksploataatsiya, Uchod). Pod red. I. B. Khar'kova. Moskva, "Kolos," 1968. 340 p.
[The MAZ motor vehicles] Avtomobily MAZ. Moskva, "Transport," 1968. 238 p.
Polter, K. M., and M. R. Polter. [Safety of automobile movement] Bezopasnost' dyzhaniya avtomobilov. Moskva, "Mashin. stroitel'stvo," 1968. 238 p.
Ryabovskiy, G. T. [Improving the organization of maintenance and repair of motor vehicles] Sovershenstvovaniye organizatsii tekhnicheskogo obsluzhivaniya i remonta avtomobilov. Minsk, "Mashin i tekhnika," 1968. 94 p.
[Technology of the manufacture of motor vehicles and tractors] Tekhnologiya avtomobilostroeniya. Moskva, "Mashinostroenie," 1968. 444 p.
- Yablitskiy, Y. N. [Complete handbook of the tractor operator] Kratkiy spravochnik traktorista. 3-e pereizdat. 1 dop. Bd. 1-2, izd. "Kolos," 1968. 469 p.
Zakhid, A. A. [The ZIL-130 motortruck] Avtomobil' ZIL-130. Moskva, Izd. Dostav, 1968. 273 p.
- 628.113.471.44—Volgograd Province
Spiridon, M. V., and V. P. Anisimov. [Let us be thrifty! Reduce in boreholes!] Moskva, "Sov. Rossiya," 1968. 103 p.
- 628.12 Shipbuilding. Ships. Boats
Adlersteins, I. T. S., and V. P. Shkolov. [Handbook on ship layout and checking calculations] Spravochnik po sudovym razmetokam i proverochym rabotam. Leningrad, "Mashinostroenie," 1968. 363 p.
Aleksandrov, M. M. [Ship systems] Sudovye sistemy. Leningrad, "Mashinostroenie," 1968. 360 p.
[Collection no. 41 of standard district outline estimates for construction work. Ship lifts and shipway gear. Underwater construction (diver) operations] Sbornik No. 41 edinykh rayonnykh edinstvennykh raschetov na stroitel'nye raboty. Sudovyye pod'i, stepel i stepy. Podrobo-stroitel'nye (razbivnyye) raboty. Bd. of S. U. dlya priblizheniya s i kuznitsa 1969 g. Leningrad, "Mashinostroenie," 1968. 83 p.
- Filits, I. U. A. and A. S. Isakov. [Pondry worker of new shipbuilding alloys] Ispytaniya novykh sudostroitel'nykh splavov. Leningrad, "Mashinostroenie," 1968. 300 p.
Gins, L. V. [First Russian trial built. (Outline history)] Pervyy russkiy opytovyy besmota. (Ist. ocherk). Leningrad, "Mashinostroenie," 1968. 184 p.
Khalkin, A. B. [Automated electric propulsion systems] Avtomatizirovannyye grabye elektricheskoye sudostroitel'stvo. "Transport," 1968. 308 p.
Petrov, I. U. P. [Methods of optimizing construction processes and their application in shipbuilding] Metody optimizatsii sudostroyen'nykh protsessov i ikh primeneniye v sudostroyenii. Leningrad, "Mashinostroenie," 1968. 171 p.
Podgry, G. A. [Remote control of main marine diesel engines] Distantionnoye upravleniye glavnykh sudovymi diesel'nykh. Leningrad, "Mashinostroenie," 1968. 193 p.
- [Ship hulls made of reinforced concrete. (Design, strength and construction technology)] Korpusy sudov iz armirovannogo. (Konstruktsiya, protsessy i tekhnologiya stroitel'stva). Pod obshch. red. V. F. Barmadova. Leningrad, "Mashinostroenie," 1968. 107 p.
Kuznetsov, M. G. [Storing gear on ships] Rukovodstvo po skladirovaniyu. (Prilozheniya k raschetu). Pod red. I. I. Kravtsovskogo. Leningrad, "Mashinostroenie," 1968. 264 p.
Krupnyy, G. A. [Synthesis of correcting devices for ship servomechanisms] Sintez korektiruyemykh ustroystv v sudovykh avtomaticheskikh sistemakh. Leningrad, "Mashinostroenie," 1968. 343 p.
Spiridonov, V. P., and B. I. Lobovskiy. [Automatic control of marine steam boilers] Avtomaticheskoye regulirovaniye sudovymi parovymi kotlov. Bd. 2-3, pereizdat. Moskva, "Transport," 1968. 273 p.
- 628.123 Inland (fresh) water craft
Artemyev, S. P. [Selecting ship types for the merchant marine. (Principles of the methodology of technical and economic justification)] Vybor tipov sudov transportnoy floty. (Osnovy metodiki tekhnicheskoye i ekonomicheskoye obosnovaniya). Moskva, "Transport," 1968. 230 p.
[Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy, vyp. 50].
[Safety regulations in the operation and repair of electrical equipment on ships of the river fleet] Pravila tekhnicheskikh posetokov pri ekspluatatsii i remonte elektrooborudovaniya sudov rechnogo flota. (Bd. 2-3, dop.) Moskva, "Transport," 1968. 68 p.
- 628.123 Sea or ocean going vessels and ships
Vil'kovitskiy, A. I. A., and M. P. Krivogloz. [Handbook on the equipment of living quarters and medical facilities on seagoing ships] Spravochnik po oborudovaniyu bytovykh i meditsinskikh posetokov na morskikh sudakh. Pod obshch. red. V. V. Ashkin. Leningrad, "Mashinostroenie," 1968. 215 p.
- 628.124 Special types of vessels or craft
Koshchik, I. U. M. [Fishing trawlers] Rybolovnyye traly. Moskva, "Mashinostroenie," 1968. 176 p.
- 628.127 Submarine. Underwater craft
Dorogov, P. A., and V. P. Prokhor. [A life line under water] Chelovek zhivet pod vodoi. Bd. 1-2, izd. L. A. Zerkov. Leningrad, "Mashinostroenie," 1968. 204 p.
Krupnyy, G. A. [Location from a submarine] Ispytaniya s podvodnoi lodki. Moskva, Izd. Dostav, 1968. 112 p.
- 628.128 Docks. Dockyards
Shchegolev, V. N., H. I. Belov, and A. V. Khodkov. [Repair of ship propellers] Remont sudovyykh grabnykh vintov. Moskva, "Transport," 1968. 136 p.
- 628.13 Aeronautical engineering. Aircraft
[Aviation and astronautics of the U. S. S. R.] Aviatstsia i kosmonavtika SSSR. Moskva, Voenizdat, 1968. 590 p.
Yerohin, P. M., comp. [Russian-French aeronautical dictionary. About 30,000 terms] Russko-frantsuzskii aviatstsionno-tekhnicheskii slovar'. Okolo 30 000 terminov. Pod red. M. K. Tremanova. Moskva, "Sov. entziklopediya," 1968. 624 p.
- 628.135 Heavy-lift aircraft
Lazarev, T. I. [Aerodynamics and dynamics of the flight of a turboprop aircraft] Aerodinamika i dinamika poleta turbopropnykh samoletov. Moskva, "Transport," 1967. 251 p.
- 628.19 Astronautics. Space vehicles and stations. Artificial satellites
[Aviation and astronautics of the U. S. S. R.] Aviatstsia i kosmonavtika SSSR. Moskva, Voenizdat, 1968. 590 p.
- 63 AGRICULTURE. FORESTRY. STOCKBREEDING. ANIMAL PRODUCTS. HUNTING. FISHERIES
[Agricultural industries] Sel'skoye promyshlennost'. Moskva, "Sov. Rossiya," 1968. 138 p.
[Field experience] Polevoi opyt. Pod red. P. G. Mikhlin. Bd. 2-3, izd. 1 dop. Moskva, "Kolos," 1968. 238 p.
Kuznetsov, A. V., comp. [Vavilov's world of ideas] Mir I. V. Vavilova. Moskva, "Znaniye," 1968. 41 p.
[Novos v zhenit, nauka, tekhnika, sport] "Sel'skoye khozaystvo," 10.
Petrov, D. V., P. V. Pashkovskiy, and P. S. Shkolov. [Cybernetics in agriculture] Kibernetika v sel'skom khozaystve. Novosibirsk, Zap. - Sib. kn. izd., 1968. 63 p.
- 63(23)—Hot (tropical, subtropical) regions
Shchegolev, I. I. [Tropical agriculture] Tropicheskiye sel'skoye. Moskva, "Kolos," 1968. 477 p.
- 63(3)—Asia
[Problem of food supply in Asia and North Africa] Problema pishchevogo problema v stranakh Azii i severnoi Afriki. Moskva, "Mashin," 1968. 280 p.
- 63(47)—Atlantic U. S. S. R.
[System of agricultural management in the northwestern zone of Siberia] Sistema vedeniya sel'skogo khozaystva severo-zapadnoi zony RSFSR. Leningrad, "Kolos," 1968. 252 p.
- 63(5)—North Africa
[Problem of food supply in Asia and North Africa] Problema pishchevogo problema v stranakh Azii i severnoi Afriki. Moskva, "Mashin," 1968. 280 p.
- 631 Agronomy
Mikhnevich, G. A., G. A. Aliev, [G. A. Aliev, B. B. Logovskiy] Bologovskiy. Bd. 1-2, izd. AN AN SSSR, 1968. 90 p.
- 63(471.23)—Central Black Earth regions
[Distribution and specialization of agriculture and livestock breeding in the central Chernozem zone] Razmestovleniye i spetsializatsiya sel'skogo khozaystva v tsentral'no-chernozemnoy zone. Pod obshch. red. M. P. Aleksandrova. Moskva, Nauch'no-issledovatel'skiy tsentr, 1968. 264 p.
- 63(471.23)—Kamchatka Province
[Agroecological counsel on cultivation of farm crops in Kamchatka] Agrotekhnicheskaya sovet po vospityvaniyu sel'skoye khozaystva na Kamchatke. Pol'nochnyye-Kamchatki, Dal'n'evostochnoye kn. izd., 1968. 107 p.
(CU)
- 631 Farm management
[Accounting and control on the farms operated on a business accounting basis] Uchet i kontrol' pri khoshozovani. Moskva, "Statistika," 1968. 168 p.
[Use of mathematical methods and computational technique in agriculture] Ispol'zovanie matematicheskikh metodov i vychislitel'noy tekhniki v sel'skom khozaystve. Moskva, "Mashin," 1968. 344 p.
- 631.2 Farmstead, farmyards
Podgry, G. S. [Mass-reinforced concrete structural design for industrial farm and public buildings] Armirovannyye konstruktsii dlya promyshlennykh sel'skoye khozaystva i grazhdanskikh zdaniy. Moskva, Stroitel'stvo, 1968. 199 p.

631.3 Agricultural implements, machinery. Farm mechanization
Dmitriy, A. P. [Training methods for the operation of self-propelled combines] Metodika provedeniya sushchey po vozmozhnosti samostoyatel'noy obrabotke, Moskva, "Vyssh. shkola," 1968. 47 p.

Korostovskiy, V. E., I. A. Miloshev, and I. A. Peltko. [Mechanization in sowing and planting vegetable cultures] Mekhanizatsiya posева i posadki ovoshchnykh kul'tur. Minsk, "Urochay," 1966. 52 p.

Orlov, G. I., and I. A. Peltko. [Operation of tractors under winter conditions] Eksploataatsiya traktorov v zimnikh usloviyakh. Minsk, Rossel'khozizdat, 1968. 84 p.

[Handbook of the machine operator and livestock breeder] Spravochnik mashinistov i zhivotnovodov. Moskva, Rossel'khozizdat, 1968. 207 p.

Myrskiy, A. A. [Running-in tractors and combine engines after repair] Obshchaya teoriya i konstruktivnyye dvigateli posle remonta. Moskva, "Kolos," 1968. 79 p.

[New combines for sugar beet harvesting] Novyye avtomatizirovannyye kombayny. Moskva, "Kolos," 1968. 240 p.

[Operation and technical maintenance of milking devices] Eksploataatsiya i tekhnicheskoye obsluzhivaniye moloknykh apparatov. Pod red. V. S. Mironovskaya. Novosibirsk, Zap.-Sib. kn. izd., 1968. 150 p.

Gerasimov, I. M., I. S. Gerasimov, and V. A. Danayev. [Repair of grain combines] Remont semennykh kombaynov. Izd. 4-3, pereizdat. Moskva, "Kolos," 1968. 303 p.

Vysotskiy, M. I., A. I. Mal'ko, and K. A. Piskachov. [Brief handbook of the machine operator in potato growing] Kratkiy spravochnik mashinistov-kartofolovodov. Moskva, "Kolos," 1968. 263 p.

Vysotskiy, A. A. [Dynamics of agricultural machinery] Dinamika razvitiya sel'skokhozyaystvennykh mashin. Sovrem. konstruktivnyye priemy i metody konstruirovaniya. 3-o, pereizdat. i dop. Moskva, "Mashinostroyeniye," 1968. 226 p.

631.4 Soil science

Akhmetov, R. Kh., M. S. Ibragimov, and T. G. Solov'yev. [Methods of extraction and determination of various types of sulfur in soils and plants] Metody izvlecheniya i opredeleniya raznykh form sery v pochvakh i rasteniyakh. Pod red. I. O. Yashchenko. Moskva, 1968. 82 p.

[Control of soil erosion] Bor'ba s eroziyey pochv. Moskva, "Rossel'khozizdat," 1968. 168 p.

Dmitriy, V. V. [The thermal and aqueous condition of soils in the U.S.S.R. (Report)] Teplovoy i vodnyy rezhim pochv SSSR. [Doklady] k IX Mezhdunar. kongressu pochvedovedov. Moskva, "Mekha," 1968. 143 p.

[Improving the fertility of soils. Bibliography of Soviet and foreign literature for 1966] Povysheniye plodородimosti pochv. Bibliogr. aktual'nykh otchetov i literat. literatura za 1966 g. Moskva, 1967. 71 p.

Mikhaylov, E. V., and I. V. Orlinskaya. [Agrochemistry of aluminum and calcium radioactive isotopes] Agrokhimiya radioaktivnykh izotopov svernykh i tsinka. Moskva, Atomizdat, 1968. 472 p.

Malin, P. B. [Processes of soil loss in leached layers of soils] Protsessy erozii i prosvetlayaniya tolshch pochv. Otv. red. R. V. Kovalev. Novosibirsk, "Mekha," 1968. 303 p.

Yakovlev, A. M. [Soil chemistry] Khimiya pochv. Pod red. B. L. Akimov. Izd. 3-o, izm. i dop. Moskva, "Vyssh. shkola," 1968. 427 p.

631.4(471.6)—Northern Caspian
Dobrykh, M. V. [Trace elements in the soils of Northern Caspian] Mikroelementy v pochvakh severnogo Kavkaza. Leningrad, Izd. Leningr. un.-a, 1968. 84 p.

631.5 Operations. Growing. Cultivation methods

Anshin, A. M. [Secondary sowing] Povtornyy posev. Leningrad, Leningr. un.-a, 1968. 82 p.

Korostovskiy, V. E., and T. T. Vlasov. [Soil cultivation and the yield] Obrabotka pochv i urozhay. Novosibirsk, Zap.-Sib. kn. izd., 1968. 126 p.

[Organization and technology of cultivating and harvesting from crops] Organizatsiya i tekhnologiya vozdevaniya i uborki sel'skokhozyaystvennykh kul'tur. Moskva, "Vyssh. shkola," 1968. 215 p.

Belov, V. P. [Blush and burn agriculture] Podsechennyye i zhiznennyye. Kiev, "Mekha dacha," 1968. 228 p.

[Results of state trials testing of barley for 1961-1966] Rezultaty gosudarstvennogo sortirovaniya i ispytaniya kashitsy na 1961-1966 gody. Moskva, "Kolos," 1968. 166 p.

Tkachenko, S. A. [Control of the grain drying process] Kontrol' protsessov sushki zerna. Moskva, "Kolos," 1968. 187 p.

Kondratyev, V. M. [Winter grafting of fruit cultures] Zimnyaya privivka plodovykh kul'tur. Moskva, Rossel'khozizdat, 1968. 68 p.

631.6 Selection. Breeding. Acclimatization

[Laboratory manual on selection and seed growing of field crops] Praktikum po selektsii i semenovodstvu pol'yevykh kul'tur. Pod red. A. P. Gortsa. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 479 p.

Prokhorov, M. A. [Biology of the blooming and fruit bearing of the bollworm spruce (in connection with problems of seed growing and selection)] Biologiya tsveteniya i plodonošeniya shchitov'noy smoly (v svyazi s voprosami semenovodstva i selektsii). Alma-Ata, "Kainar," 1968. 124 p.

631.6 Rural engineering
Kryazev, M. N., and M. A. Anan'ev. [Irrigation agriculture] Oroseniye zemledeliya. Alma-Ata, "Kainar," 1968. 421 p.

Tkachenko, S. A. [Theoretical principles of the legal rules which regulate the use of irrigated lands in the U.S.S.R.] Teoreticheskiye osnovy pravnogo regulyrovaniya orosimyykh zemel' v SSSR. Frunze, "Ilim," 1968. 208 p.

[Problems of hydromineralization in forestry] Voprosy gidromineralizatsii v lesnitsy. "Krasnaya," 1968. 170 p.

631.6(471.3)—Tajik S.S.R.
Khatamov, M. M. [Land and water reform in northern Tajikistan] Zemel'no-vodnaya reforma v severnom Tadzhikistane. Dushanbe, "Trifon," 1968. 83 p.

631.8 Fertilizers. Manures

Korostovskiy, V. E. [Neutralization of acid soils] Neutralizatsiya kisl'ykh pochv. Moskva, "Znanie," 1968. 30 p.

[New fertilizers, manure, technical. Series "Khimika," 11].

632 Crop damage and protection

Mikhaylov, E. V., and I. V. Orlinskaya. [Agrochemistry of aluminum and calcium radioactive isotopes] Agrokhimiya radioaktivnykh izotopov svernykh i tsinka. Moskva, Atomizdat, 1968. 472 p.

632.5 Injurious plants

Shchegolev, A. D. [Poisonous plants] Iadovitye rasteniya. (Orbita). Volgograd, kn. izd., 1968. 48 p.

632.6 Crop protection. Pest control

Korostovskiy, V. E. [Harmful rodents and their control] Vrednyye gryzuny i bor'ba s nimi. Izd. 3-o, pereizdat. i dop. Leningrad, "Kolos," 1968. 255 p.

[Recommendations on using ants in forest pest control] Rekomendatsii po ispol'zovaniyu formyev dlya bor'by s vrednymi lesn. Moskva, "Lesnaya prom-st'," 1968. 15 p.

Shchegolev, A. D. [Control of wild oats] Bor'ba s ovosogom. Moskva, Rossel'khozizdat, 1968. 103 p.

632.6 Field crops. Industrial crops
Korostovskiy, V. E. [Economic effectiveness of overall mechanization of field crop growing] Ekonomicheskaya effektivnost' kompleksnoy mekhanizatsii vozdevaniya pol'yevykh kul'tur. Moskva, "Kolos," 1968. 220 p.

[Laboratory manual on selection and seed growing of field crops] Praktikum po selektsii i semenovodstvu pol'yevykh kul'tur. Pod red. A. P. Gortsa. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 479 p.

[Seeds of farm crops. Methods of determining quality] Seena sel'skokhozyaystvennykh kul'tur. Metody opredeleniya kachestva. GOST 13304-66 - GOST 13047-66. Izd. ofts. Moskva, (Izd. standartov), 1967. 180 p.

632.1 Cereals. Cereals. Grain crops

[Results of state trials testing of barley for 1961-1966] Rezultaty gosudarstvennogo sortirovaniya i ispytaniya kashitsy na 1961-1966 gody. Moskva, "Kolos," 1968. 166 p.

Tkachenko, S. A. [Control of the grain drying process] Kontrol' protsessov sushki zerna. Moskva, "Kolos," 1968. 187 p.

[Wheat and its qualities] Psheniitsa i oshchitsa ee kachestva. Pod red. i s predl. M. P. Konstantinov i L. M. Leshchinskoy. Moskva, "Kolos," 1968. 486 p.

632.1(471.34)—Volga-Vyatka regions
Korostovskiy, V. E. [Quality of the wheat grain of the Volga-Vyatka regions] Kachestvo zerna psheniitsy Volzh'sk. i Vyatsk. Priokh. kn. izd., 1968. 21 p.

632.1(471.34)—Austrian U.S.S.R.
Ulin, I. I., and G. G. [Grain of Siberia] Khleb Sibiri. Sbornik statei. Moskva, "Znanie," 1968. 48 p.

[New fertilizers, manure, technical. Series "Khimika," 11].

632.1(471.34)—Altai Territory
Korostovskiy, V. E. [Winter wheat in the Altai] Oshchitsa psheniitsy na Altaye. Barnaul, (Alt. kn. izd.), 1968. 40 p.

632.1(471.34)—Central Asia

Korostovskiy, V. E. [Botanical, geographical and variety resources of wheat of Central Asia and adjoining countries] Botaniko-geograficheskiye i sortovyye resursy psheniitsy srednei Azii i sosednykh stran. Tashkent, "Mekha," 1964. 86 p.

632.1(471.34)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

632.2(471.3)—Austrian U.S.S.R.
Korostovskiy, V. E. [Use of pastures on sheep breeding farms] Ispol'zovanie pastbishch na ovtsobreednykh farmakh. Izd. 3-o, pereizdat. Moskva, "Kolos," 1968. 207 p.

- [illegible]

- [Safety engineering instructions for geophysical prospecting] *Instruktsiya po tekhnicheskoy bezopasnosti pri geofizicheskikh rabotakh*. Utr. 31/XII 1966 g. Izd. 2-e. Leningrad, "Nedra," 1968. 60 p.
- [Safety regulations for enterprises of automotive transportation] *Pravila tekhnicheskoy bezopasnosti dlya predpriyatiy avtomobil'nogo transporta*. Utr. 13/I 1966 g. Moskva, "Transport," 1966. 136 p.
- Shuprikov, V. M. [Ventilation and heating of rolling mills] *Ventilyatsiya i otoplenie proizvodnykh tsukhov*. Moskva, "Metallurgiya," 1968. 133 p.
- 64.3 Personnel. Human relations
[Effect of basic factors on the productivity of labor and the professional contingent of railroad transportation workers] *Vliyaniye osnovnykh faktorov na proizvodivost' i kvalifikatsionnyy sostav rabotnikov transporta*. Pod obshch. red. M. M. Tolstokhova. Moskva, "Transport," 1967. 128 p. (Moscow Vsesoyuznyy nauchno issledovatel'skiy institut zhelezнодорожного transporta. Trudy, No. 248).
- [Safety regulations in the operation and repair of electrical equipment on ships of the river fleet] *Pravila tekhnicheskoy bezopasnosti pri ekspluatatsii i remonte elektrooborudovaniya sudov rechnogo flota*. (Izd. 2-o, dop.) Moskva, "Transport," 1968. 66 p.
- [Unified safety regulations during blasting operations. Compendium for all railways, administrations, organizations and enterprises conducting blasting operations except the Ministry of Defense of the U.S.S.R.] *Edinyye pravila bezopasnosti pri vsporyvnykh operatsiyakh i predpriyatiy, vychislivshikh sob vosporyvnyye raboty*. Brosh. M. V. Cherny 5082. Utr. Otkrytoye izdaniye. 5082. 32/III 1967 g. (Pererabot. i dop. izd.) Moskva, "Nedra," 1968. 122 p.
- 65.3 (471.310)—Moscow City
- 65.5 Production management and control
Alekseyev, M. M., K. B. Gusev, and A. D. Yermashov. [Specialization is an important factor for increasing production efficiency] *Spetsializatsiya - vazhnyy faktor povysheniya effektivnosti proizvodstva*. Prizna, "Utr," 1967. 85 p.
- Babitskiy, I. A. [Analysis of managerial work in building organizations] *Analiz kharakteristik raboty v stroitel'skoy organizatsii*. Moskva, "Finansy," 1968. 136 p.
- Durkin, D. A., and A. A. Stepanov. [Schematic study of complex equipment using the "Minsk-22" digital computer] *Skhematicheskoye issledovaniye slozhnogo oborudovaniya na EVM "Minsk-22"*. Leningrad, 1968. 38 p.
- Chervinskii, I. A. [Establishing time norms for assembling planned production capacity] *Ustanovleniye normov vremeni na skladku planirovannoy proizvodstvennoy kapaciteta*. Moskva, "Ekonomika," 1968. 181 p.
- Chirikov, D. I., O. S. Zernov, and M. P. Kharkevich. [Economic evaluation of systems of mining from ore deposits] *Ekonomicheskaya otsenka sistem razrabotki skladkovskikh mestonashcheyaniy*. Moskva, "Nedra," 1968. 176 p.
- [Control and quality of production. Translated from the German] *Kontrol' i kachestvo proizvodstva*. Moskva, Izd. inostran. 1968. 366 p.
- Demaree, P. F., N. A. Bekasova, and V. A. Khramova. [Scientific organization of production, labor and management] *Nauchnaya organizatsiya proizvodstva, truda i upravleniya*. (Moskva), "Ekonomika," 1968. 234 p.
- [Mineral resources of the coal and lignite industry under new economic conditions] *Proizvodstva uglei i neproduktivnykh resursov pri novykh usloviyakh*. Pod red. M. K. Barabashov. Moskva, "Gosizdatizdat pressa," 1968. 86 p.
- Shchegoleva, I. A., and V. G. Zhuravskiy. [Democracy and the economic reform. (A textbook)] *Demokratiya i ikhazhstvennaya reforma. (Uchebnoye posobie)*. Moskva, "Nauka," 1968. 75 p. (Moscow Vsesoyuznyy nauchno issledovatel'skiy institut pravovoykh nauk. Trudy, No. 248).
- [Improving the planning and management of production] *Sovremennyye podkhody k planirovaniyu i upravleniyu proizvodstvom*. Pod red. M. K. Bora, I. K. Khramova. Moskva, "Mysl," 1968. 188 p.
- [Industrial specialization and planning in metallurgical enterprises] *Spetsializatsiya i planirovaniye proizvodstva na metallurgicheskikh predpriyatiyakh*. Pod obshch. red. I. A. Medvedeva. (Kiev, "Tekhnika," 1968). 260 p.
- Karlin, R. M., and A. P. Grigorov. [Economic problems in the specialization of production in machinery and instrument industries] *Ekonomicheskiye voprosy spetsializatsii proizvodstva v mashinostroyenii i priborostroyenii*. Leningrad, 1968. 40 p.
- Kozlovskiy, K. K. [Reorganization, mechanization and automation of mines in foreign countries] *Reorganizatsiya, mekhanizatsiya i avtomatizatsiya shakht na rubezhakh*. Moskva, "Nedra," 1968. 213 p.
- Levin, B. V., and A. P. Loshchik. [Scientific organization of labor in a chemical plant] *Nauchnaya organizatsiya truda na khimicheskoy zavode*. Moskva, "Khimiya," 1968. 164 p.
- [Party committees and the economic reform] *Partiynyy komitet i ikhazhstvennaya reforma*. Moskva, Politizdat, 1968. 175 p.
- Shchegoleva, I. A. [Economic analysis is the key to production potentialities] *Ekonomicheskyy analiz - klyuch k razvitiyu*. Alma-Ata, "Kazakhstan," 1968. 141 p.
- [Scientific organization of labor and the economics of production] *Nauchnaya organizatsiya truda i ikhazhstvennaya reforma*. Pod red. A. M. Ginzburgskogo i I. P. Tikhonova. Moskva, "Mysl," 1968. 220 p.
- Shchegoleva, I. A., and A. M. Pechkov. [Increasing the efficiency of nonferrous metal tube production, (Extraction, drawing, rolling)] *Povysheniye effektivnosti proizvodstva trub iz tsukhnicheskikh metallov. (Promyshlennaya tekhnika, profil)*. Moskva, "Metallurgiya," 1968. 240 p.
- Shchegoleva, I. A. [Experience in labor organization and technological standardization in the cotton industry] *Opyt organizatsii truda i tekhnicheskoye normirovaniye v khlopkopriborostroyenii promyshlennosti*. Moskva, "Legkaya industriya," 1968. 191 p.
- Smirnov, O. V. [Effectiveness of the legal regulation of the organization of labor in industrial enterprises] *Effektivnost' pravovogo regulirovaniya organizatsii truda na predpriyatiyakh*. Moskva, "Utr. Izd.," 1968. 183 p.
- [Socialist production management] *Upravleniye sovetstvennoy proizvodstvom*. Moskva, "Ekonomika," 1968. 228 p.
- Starr, Maria Kanegish. [Production management. Translated from the English] *Upravleniye proizvodstvom*. Moskva, "Progress," 1968. 294 p.
- Sviridov, M. V., and Y. P. Anisimov. [Let us be thrifty!] *Nachem berezhiv'!* Moskva, "Vor. Raznitsa," 1968. 103 p.
- Vasilev, V. B. [The captain of industry and his authority] *Komandir proizvodstva i ego avtoritet*. Moskva, "Znaniye," 1968. 91 p. (Moscow Vsesoyuznyy nauchno issledovatel'skiy institut tekhnicheskoy ekonomiki. Trudy, No. 248).
- Viktorov, S. P. [Organization and planning of production in the wood processing industry. Methodological textbook on project work for course credit of students of forestry engineering departments of schools of higher education] *Organizatsiya i planirovaniye proizvodstva v lesopromyshlennosti. Ucheb.-metod. posobie po kursovomu projektirovaniyu dlya studentov lesokhazhstvennykh fak. vuzov*. Minsk, "Vysheishaya shkola," 1968. 104 p.
- 65.57 Utilization and control of waste, scrap, and material
[Materials for artificial plants and the technology of their erection] *Materialy dlya ikhazhstvennykh tsukhov i tekhnologiya ikh vovvedeniya*. Moskva, "Nedra," 1968. 79 p.
- Shchegoleva, I. A., and S. G. Pechkov. [Mechanical equipment for the recovery of secondary metals] *Mekhanicheskoye oborudovaniye dlya pererabotki vtorichnykh metallov*. Moskva, "Metallurgiya," 1968. 204 p.
- 65.58 Marketing. Selling. Distribution
Lashkov, A. V. [Trade and supply during the years of the Great Patriotic War] *Torgovlya i snabzheniye v gody Velikoy Otechestvennoy volny*. Moskva, "Ekonomika," 1968. 228 p.
- Ostrov, G. A. [Method of teaching a course on the "Organization technique of Soviet cooperative trade"] *Metodika prepodavaniya kursa "Organizatsiya i tekhnika sovetstvennoy kooperatsionnoy torgovli"*. Moskva, "Ekonomika," 1968. 164 p.
- 65.59 CHEMICAL INDUSTRY. CHEMICAL TECHNOLOGY
- 65.60 Chemical engineering
Bergel'm, Konstantin O. [Chemical reactor theory. Translated from the English] *Teoriya khimicheskikh reaktivirov*. Pod red. N. M. Khavrovskaya. Moskva, "Nauka," 1968. 191 p.
- Levin, B. V., and A. P. Loshchik. [Scientific organization of labor in a chemical plant] *Nauchnaya organizatsiya truda na khimicheskoy zavode*. Moskva, "Khimiya," 1968. 164 p.
- Mikhail, R., and O. Chirigova. [Research in the chemical industry. Translated from the Russian] *Razrysk v ikhazhstvennoy promyshlennosti*. Pod red. P. G. Romanova i N. M. Barabashov. Leningrad, "Khimiya," 1968. 167 p.
- 65.63 Chemical processes and plant generally
Shchegoleva, I. A., M. I. Kozlov, and I. P. Kozlovskiy. [Qualitative chemical analysis of plant raw materials] *Kvalitativnyy ikhazhstvennyy analiz surovykh materialov*. Moskva, "Leningradskaya pressa," 1968. 60 p.
- 65.67 Working with gases: handling, treatment
Rylov, V. V., and M. P. Burdakov. [Thermodynamic calculation of a high-temperature gas] *Termodinamicheskyy raschet vysokotemperaturnogo gaza*. Moskva, "Mashinostroyeniye," 1968. 115 p.
- 65.68 Organic chemical processes
Chervinskii, K. A. [Controlling the reactions of petrochemical synthesis] *Upravleniye reaktsiyami neftekhimicheskogo sinteza*. 2-e izd. Moskva, "Khimiya," 1968. 144 p.
- 65.1 Special chemical industries. Fine chemicals
Dukhov, O. M. [Chemical glass grinding] *Khimicheskaya polirovka stekla*. Moskva, "Legkaya industriya," 1968. 80 p.
- [Ion-exchange membranes, their properties and application. Bibliography for 1950-1968] *Ionobimennyye membrany, ikh svoystva i primeneniye. Bibliografiya 1950-1968*. Moscow, 1967. 640 p.
- [Synthesis and properties of ion-exchange materials] *Sintez i svoystva ionobimennyykh materialov*. Moskva, "Nauka," 1968. 310 p.
- Kozlov, S. P., and K. M. Kozlovskiy. [Chemistry of zeolites] *Khimiya tsukhvolitov*. Leningrad, "Nedra," 1968. 184 p.
- 65.13 Sulfur and sulfonates
Arkhut, R. Kh., M. A. Ivanova, and T. G. Sholopya. [Methods of extraction and determination of various types of sulfur in soils and plants] *Metody izvlecheniya i opredeleniya raznykh form sery v pochvakh i rasteniyakh*. Pod red. I. G. Vashchenko. Moskva, 1968. 23 p.
- 65.15 Nitrogen compounds
[Course in the technology of fixed nitrogen] *Kurs tekhnologii svyazannogo azota*. Pod red. V. I. Abramovskogo. Izd. 2-o, pererabot. i dop. Moskva, "Khimiya," 1968. 212 p.
- 65.18 Metals compounds. Mineral pigments
[Beryllium oxide. Transactions of the First International Conference on Beryllium Oxide, Sydney, Australia, Oct. 21-25, 1962. Translated from the English] *Oksid berilliya. Trudy Pervoy mezhdunarod. konferentsii po oksidu berilliya*. (Sydney, Australia, 21-25 okt. 1962 g.). Pod red. R. A. Belkova i V. I. Koshchikovskogo. Moskva, Atomizdat, 1968. 603 p.
- Belkova, R. A. [Vapor pressure and the dissociation of metal sulfides] *Davleniye para i disotsiatsiya metallov*. Alma-Ata, "Nauka," 1968. 280 p.
- Belkova, Robert V. [Fodder salts and metal iodides. Translated from the English] *Iodidnyye soedyneniya i kiodidy metallov*. Pod red. A. I. Belkova i V. M. Vlasovskogo. Moskva, "Metallurgiya," 1968. 184 p.
- 65.2 Fuels. Combustion. Heat economy
[Combustion products of natural gas at high temperatures. (Composition and thermodynamic properties)] *Proizvedeniye spirovannykh gazov pri vysokikh temperaturakh. (Sostav i termodynamicheskiye svoystva)*. Kiev, "Tekhnika," 1967. 362 p.
- Shchegoleva, I. A. [Theoretical fundamentals of the use of pressure energy of natural gas] *Teoreticheskiye osnovy ispol'zovaniya energii davleniya prirodnogo gaza*. Moskva, "Nedra," 1968. 208 p.
- 65.27 Thermally or chemically produced fuels
Arkhut, R. Kh., M. O. Medvedev, and I. B. Yushmanov. [Complex chemical and technological processing of coals] *Kompleksnaya khimiko-tekhnologicheskaya pererabotka uglya*. (Kiev), "Tekhnika," 1968. 192 p.
- Belkov, M. D. [Explosion and breakdown losses of petroleum products and their prevention] *Ikhplozitsionno-razvalnoye i avariynoye poteri nefteproduktov i borba s nimi*. Leningrad, "Nedra," 1968. 180 p.
- Kozlov, K. M., and M. S. Chirigova. [Coke-oven operator for by-product gas production] *Osnovnyye ikhazhstvennyye pechki*. Moskva, "Metallurgiya," 1968. 148 p.
- [Processes of the thermal transformation of coal] *Protsessy termicheskoy prevrashcheniya ikhazhstvennykh ugley*. Moscow, "Nedra," 1968. 440 p.
- 65.29 Fuores and combustion engineering
[Collection No. 22 of standard district unknown estimation for construction work. Industrial furnaces and pipes] *Sbornik No. 22 skhazhnykh raznykh skhazhnykh raznosov na stroitel'skiye raboty. Promyshlennyye pechki i trubyy*. Izd. ofits. Utr. dlya primeneniya s 1 iyun. 1968 g. Moskva, "Mashinostroyeniye," 1968. 144 p.

- Shchegolev, S. S.** [Refractory brickwork of industrial furnaces] Osnovnaya knizhka promyshlennykh pechel. Moskva, "Vysht. shkola," 1964. 318 p.
- Syromiatnikov, M. L., and O. K. Potapov.** [Heat processes in fluidized bed furnaces] Teplovye protsessy v pechakh s kiplyashchimi sloem. Moskva, "Metallurgiya," 1968. 118 p.
- 603 Beverages. Stimulants. Wine.** [Grapes and human health] Vinograd i zdorov'e cheloveka. [Krasnodar, Kz. izd., 1967] 104 p.
- Shchegolev, S. S.** [Chemistry of cognac production] Khimiya kognachnogo proizvodstva. Moskva, "Pishchevaya prom-st'," 1964. 263 p.
- 604 FOOD INDUSTRIES. PRESERVATION.** [International Congress of Food Science and Technology, 2d, Warsaw, 1966. Technology of food products of animal origin. Reports] Tekhnologiya pishchevyykh produktov zhivotnogo proisshozhdeniya. Doklady. Moskva, T. 2. 1966. 171 p.
- [Laboratory manual on the general technology of food products] Laboratornyy praktikum po obshchey tekhnologii pishchevyykh veshchestv. Pod red. A. I. Ostrovskogo. [3-o izd.] Moskva, "Pishchevaya prom-st'," 1964. 192 p.
- Malov, B. M., and E. V. Reshetko.** [Electrophysical methods in the food industry] Elektrofizicheskie metody v pishchevoy promyshlennosti. Kievskiy, "Karta naukovirovstva," 1966. 184 p.
- [Thermal stability of microorganisms and establishment of methods for the sterilization of canned goods] Termoustoihivost' mikroorganizmov i ustanovka metodov sterilizatsii konzervov. Moskva, 1964. 39 p.
- 604.1 Sugar industry.** **Morozin, I. A.** [Processes of the sugar industry] Protsessy melkanoi promyshlennosti. Moskva, "Pishchevaya prom-st'," 1966. 220 p.
- 604.3 Edible and cooking fats and oils.** **Dobrynin, L. V., and M. S. Uspenskiy.** [Assembly of pneumatic transportation installations in enterprises of the oil and fat industry] Montazh pnevmotransportnykh ustanovok na predpriyatiyakh maslo-shirovoy promyshlennosti. Moskva, "Pishchevaya prom-st'," 1966. 64 p.
- 604.33 Edible vegetable fats.** **Malachuk, O. M.** [Food value of margarine] Pishchevaya tsennost' margarina. Moskva, "Pishchevaya prom-st'," 1966. 76 p.
- 604.6 Baking, bread and flour confectionery.** **Zhiglov, N. Y.** [Technological equipment of bakery plants] Tekhnologicheskoe oborudovanie khlebozavodov. Izd. 3-o, dop. i pererabot. Moskva, "Pishchevaya prom-st'," 1967. 564 p.
- 604.7 Flour and grain milling. Grain processing.** **Korotkiy, G. A.** [Hydrothermal processing of grain] Gidrotermalnaya obrabotka zerna. Moskva, "Kolos," 1964. 97 p.
- [Manual for flour, grain, and mixed fodder millers] Spravochnik molokoshnik, krepkashchik i smeshannozhnikov. G. M. Bardynskiy i dr. Moskva, "Kolos," 1964. 190 p.
- 604.8 Petroleum. Mineral oil processing.** **Chernyshevskiy, K. A.** [Controlling the reactions of petrochemical synthesis] Upravleniye reaktsiyami petrokhimicheskogo sinteza. 2-o izd. Moskva, "Khimiya," 1966. 144 p.
- Trubov, M. D.** [Exploitation and breakdown losses of petroleum products and their prevention] Eksploataatsionnyye i avarijnye poteri nefteproduktov i borba s nimi. Leningrad, "Nedra," 1964. 180 p.
- 605 Glass, cement, clay, etc. industries.** **Dialova, O. N.** [Chemical glass grinding] Khimicheskaya polirovka stekla. Moskva, "Legkaya industriya," 1962. 80 p.
- 605.7 Heavy clayware and refractories.** [Refractory materials and articles] Osnovnyye i osnovevnye izdeliya. Izd. 2-ye. Moskva, Izd. standartov, 1964. 463 p.
- Shchegolev, S. S.** [Refractory brickwork of industrial furnaces] Osnovnaya knizhka promyshlennykh pechel. Moskva, "Vysht. shkola," 1964. 318 p.
- Toporkov, A. A.** [Clay tiles] Glinitnaya okrapka. Moskva, Stroizdat, 1966. 122 p.
- 605.9 Gypsum and other plaster.** [Chemically stable mortars, plasters, and concrete made with heat-reactive resins] Khimicheskii stabilnyye masstki i betony na osnove termoreaktivnykh sukh. Pod red. M. A. Mostchanskogo. Moskva, Stroizdat, 1963. 184 p.
- Kulik, G. M., and I. M. Shumakovskiy.** [Methods for finding synthetic building materials] Metody dlya prikladnoy statisticheskoy stroitel'nykh materialov. Leningrad, 1966. 36 p.
- 605.9 Lime, cement, mortar, concrete.** [Concrete of autoclave hardening] Beton avtoklavnogo (verdebnia). Moskva, Stroizdat, 1966. 279 p.
- [Manual on designing reinforced concrete members (without prestressing)] Rukovodstvo po projektirovaniyu zhelezobetonnykh konstruktiv (bez predvaritel'nogo napriazheniya). Moskva, Stroizdat, 1966. 334 p.
- [Prestressed reinforced concrete. (Based on the materials of the Fifth International Congress of the Federation of Prestressing of Reinforced Concrete Structural Members "TIP" held in Paris, 1966)] Predvaritel'no napriazhenyy zhelezobeton. (Po materialam V Mezhdunar. kongressa Federatsii po predvaritel'no napriazhen. zhelezobetonnykh konstruktivam "TIP," Parizh, 1966 g.) Moskva, Stroizdat, 1966. 334 p.
- Shchegolev, S. S., and V. D. Topchil.** [Alloys of formwork and mold drawings of concrete and precast and autoclave reinforced concrete structures] Al'ternativnyye shablony i formy dlya monolitnykh i skompozitsionnykh zhelezobetonnykh konstruktiv. Pod red. I. G. Sovolova. Izd. 4-2, kop. i pererabot. Moskva, Stroizdat, 1966. 85 p.
- 605.9.4 Gases and (natural) resins.** [Resins and acetates of wood and cellulose, and their role in cellulose and paper industry] Smoly i celuloznye druzhki i tseluloznoy, khim. rol' v tselulozno-bumazhnoy promyshlennosti. Pod red. I. A. Nagrodskogo. Moskva, "Leksika prom-st'," 1966. 241 p.
- 606 Metallurgy.** [Industrial organization and planning in metallurgical enterprises] Organizatsiya i planirovaniye proizvodstva na metallurgicheskikh predpriyatiyakh. Pod obshch. red. I. A. Medvedeva. Kiev, "Tekhnika," 1966. 280 p.
- [Nature of the treatment of acids] O prirode aktivnykh i tvrdykh tsid. Moskva, "Mashin," 1966. 66 p.
- [Oxidation of metals. Translated from the French] Okislennye metallov. Pod red. Kh. Besera. Moskva, "Metallurgiya," 1964. 490 p.
- T. L. [Theoretical principles] Teoreticheskie osnovy. 1964. 490 p.
- Khutik, A. M.** [Mechanization of the assembly of metallurgical plant equipment] Mekhanizatsiya montazha oborudovaniya metallurgicheskikh predpriyatiy. Moskva, "Metallurgiya," 1964. 224 p.
- Shchegolev, G. M., and S. G. Spitserskiy.** [Mechanical equipment for the recovery of secondary metals] Mekhanicheskoe oborudovanie dlya pererabotki vtorichnykh metallov. Moskva, "Metallurgiya," 1966. 204 p.
- Symchuk, G. M.** [Principles of the assembly of metallurgical plant equipment] Printsipy montazha i razrabotki stroitel'nykh materialov. Moskva, "Mashin," 1966. 78 p.
- Vikharev, D. I.** [Equipment of pumping and air blowers stations in metallurgical plants] Oborudovanie stantsiy i vodokhodnykh stantsiy metallurgicheskikh zavodov. Moskva, "Metallurgiya," 1966. 276 p.
- Klim, N. P.** [Corrosion and the protection of metals] Korrozii i zashchita metallov. Moskva, "Metallurgiya," 1964. 407 p.
- 606.017 Physical metallurgy.** [Physical metallurgy. Translated from the English] Fizicheskaya metallurgiya. Pod red. R. Kana. Moskva, "Mir," 1967. 444 p.
- Vyp. 1. [Defects of crystal structure. Mechanical properties of metals and alloys] Defekty kristallicheskogo stroeniya. Mekhanicheskie svoystva metallov i spлавov. Pod red. V. M. Rosenberga. 1966. 444 p.
- [Physical properties of rare-metal materials and methods to investigate them] Fizicheskie svoystva redumetal'nykh materialov i metody ikh issledovaniya. Moskva, "Mashin," 1966. 133 p.
- [Some problems of electron structure of transition metals. Outline materials] Nekotoryye voprosy elektronnoy struktury perekhodnykh metallov. Obzornyye materialy. Kiev, 1966. 163 p.
- 606.018 Alloys with particular properties. Ceramic metals.** **Radchikov, P. P., and I. E. Prigodnyy.** [New ceramic materials] Novyye keramicheskiye materialy. Moskva, "Znanie," 1964. 44 p. (Novos v shkole, nauka, tekhnika, Seriya "Khimiya," 10).
- [Structure of iron-base ceramic metal materials] Struktura metallokeramicheskikh materialov na osnove zheleza. Moskva, "Metallurgiya," 1966. 140 p.
- Yakovlev, R. Y., and E. A. Papisov.** [Oxidation of high-strength compounds. Handbook] Okislennye vysokosilnykh soedineniy. Spravochnik. Pod red. G. V. Shumakova. Kiev, "Naukova dumka," 1964. 84 p.
- 606.041 Metallurgical furnaces.** **Khromchikov, S. I.** [Control of thermal conditions in the blast furnace hearth] Kontrol' teplovogo sostoyaniya gornoi domeny pachi. Kiev, "Tekhnika," 1964. 164 p.
- [Repair of blast furnaces] Remont domennykh pechel. Moskva, "Metallurgiya," 1964. 230 p.
- 606.046 Heating processes.** **Syromiatnikov, M. L., and O. K. Potapov.** [Heat processes in fluidized bed furnaces] Teplovye protsessy v pechakh s kiplyashchimi sloem. Moskva, "Metallurgiya," 1964. 118 p.
- 606.058 Metal plating.** [Protection of metals from oxidation at high temperatures] Zashchita vol'tov od okislenniya pri vysokikh temperaturakh. Moskva, Akademiya, 1964. 150 p.
- 606.1 Ferrous metals. Iron. Steel.** **Spravskiy, M. L.** [Thermomagnetic treatment of steel] Termomagnitnaya obrabotka stali. Moskva, "Metallurgiya," 1966. 96 p.
- Bobrov, I. U.** [Isothermal hardening of cast iron] Izotermalnaya zakalivka chuguna. Kharkov, "Prospok," 1964. 112 p.
- [Cast iron, ferroalloys and rolled ferrous metal products. Handbook] Chugun, ferrosplavy i produkti shvachnykh metallov. Spravochnik. Pod red. E. A. Lashkovitsa. Moskva, "Metallurgiya," 1964. 600 p.
- [Materials in machinery manufacture. Selection and use. Handbook. In 6 volumes] Materialy v mashinostroyenii. Vybór i primeneniye. Spravochnik. V 6-ti t. Pod obshch. red. I. V. Koshchinskogo. Moskva, "Mashinostroyeniye," 1964. 440 p.
- Mal'nev, B. G., L. V. Il'icheva, and V. T. Lazareva.** [Metallurgical technology in cast iron with spherical graphite] Metallurgicheskaya tekhnologiya v litse s sfericheskoy grafitom. Moskva, "Metallurgiya," 1963. 163 p.
- Mironov, A. M.** [Hydrogen and nitrogen in steel] Vodorod i azot v stali. Izd. 2-o, pererabot. Moskva, "Metallurgiya," 1964. 223 p.
- Spitserskiy, S. G.** [Production of ferroalloys] Proizvodstvo ferrosplavov. Moskva, "Metallurgiya," 1966. 203 p.
- 606.1(4)—United Kingdom and Northern Ireland.** [The iron and steel industry of Japan and Britain. Translated from the English] Chugun i metallurgiya Yaponii i Anglii. Predisl. V. V. Lomplinskogo, A. M. Brodskogo. Moskva, "Progress," 1967. 244 p.
- [National steel specifications. Special collection No. 66. Report on the work of the annual general meeting of the Institute of Construction Engineers in London in 1964. A translation] Standartnyye i tekhnicheskkiye usloviya na stal'. Spets. sbornik No. 66. Otchet o rabote obshchego godnogo obshchego sobraniya In-ta inzhenerov-stroitel'ov Londona v 1964 g. Moskva, "Metallurgiya," 1966. 175 p.
- 606.1(63)—Japan.** [The iron and steel industry of Japan and Britain. Translated from the English] Chugun i metallurgiya Yaponii i Anglii. Predisl. V. V. Lomplinskogo, A. M. Brodskogo. Moskva, "Progress," 1967. 244 p.
- 606.2 Nonferrous metals.** **Chernyshevskiy, K. A., and I. E. Prigodnyy.** [Ventilation of non-ferrous metallurgy plants] Ventilyatsiya tsekhov predpriyatiy tsvetnoy metallurgii. Moskva, "Metallurgiya," 1966. 263 p.
- Mal'nev, B. G.** [Vapor pressure and the dissociation of metal sulfides] Davleniye para i disotsiatsiya sulfidov metallov. Akad. Nauk, "Mashin," 1966. 230 p.
- Kleber, Richard, and R. Dron.** [Vanadium, niobium, tantalum. Metallurgy of pure metals and their alloys. Translated from the German] Vanadiy, niobiy, tantal. (Metallurgiya chistykh metallov i ikh spлавov. Pod red. R. M. Davidskogo. Moskva, "Metallurgiya," 1966. 212 p.

Moscow, O. I. [Phase transformations in titanium alloys] Fizicheskie svoystva i sploshnye (Titan. Moskva, "Metallurgiya," 1968, 188 p.

Petrov, I. I., and O. E. [Physical metallurgy of beryllium] Fizicheskie svoystva i sploshnye berillia. Moskva, Akademiya, 1964, 451 p.

[Physical properties of rare-metal minerals and methods to investigate them] Fizicheskie svoystva i sploshnye mineralov i metody ikh issledovaniya. Moskva, "Nauka," 1964, 138 p.

659 (471.338)—Leningrad City
[Methodology of the Leningrad Metallurgical Plant] Metodologiya i organizatsiya proizvodstva i upravleniya zavodskimi proizvodstvennymi podrazdeleniyami Leningradskogo metalurgicheskogo zavoda. Leningrad, 1967, 260 p.

662.7 Light metal and alloys
Bogdanovskiy, M. N., and N. V. [Best aluminum alloy shapes] Dobreye profilizirovannyye sploshnye sploshnye. Leningrad, 1966, 38 p.

67/68 MANUFACTURES

67.08(478)—Moscow Province
Bogdanovskiy, M. N., and N. V. [Light industry of Moscow Province. Its past, present and future. (1844-1970)] Legkaya industriya Mosk. prov. Ee vozrast, soyuznaya i budushaya. (1844-1970 gg.) Moskva, "Mosk. molodozhnitsa," 1968, 122 p.

67(471.331)—Moscow Province

67. Industry and crafts based on processable materials
[From the history of factories and plants of Moscow city and Moscow Government. (From the late 18th to early 20th century). Survey of documents.] Iz istorii zavodov i zavodskoy promyshlennosti Moskvy. (Konets XVIII - nachalo XX v.) Obozr. dokumentov. Pod red. V. A. Konstantinova i V. I. Nevzorova. Moskva, 1968, 235 p.

673 Nonferrous metal goods
Dobrotvorskaya, K. S. [Process of making of machine parts] Protsess izgotovleniya detalей mashin. Izd. 3-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1964, 192 p.

674 Timber and woodworking industry
Lashin, V. A. [Utilization of waste products in saw mills and woodworking enterprises] Ispol'zovanie otkhodov dereva na zavodakh i v promyshlennosti. Leningrad, 1964, 27 p.
[Problems of forestry, use of the wood and chemical industry] Voprosy lesnogo khozyaystva, ispol'zovaniya i khimicheskoy promyshlennosti. Moskva, "Vysheishiy shkola," 1967, 136 p.

Byk, N. A. [Wood drying] Suшка dereva. Kiev, "Dobrotvorskaya," 1962, 120 p.

Byk, N. A. [Work mechanization and increase of labor productivity in lumbering] Mekhanizatsiya raboty i povysheniye produktivnosti truda na lesnykh predpriyatiyakh. Moskva, "Lesnaya prom-st'," 1964, 96 p.

Byk, N. A., and V. M. [Mechanization of programming in the woodworking industry] Mekhanizatsiya programirovaniya v derevopromyshlennosti. Moskva, "Lesnaya prom-st'," 1968, 154 p.

Byk, N. A., and I. I. [Using synthetic materials in repairing lumbering machinery] Primeneniye sinteticheskikh materialov pri remonte lesnogo stroitel'nogo mashin. Moskva, "Lesnaya prom-st'," 1968, 107 p.

675 Leather industry
Lashin, V. A. [Use of chemical materials in the leather industry] Ispol'zovanie khimicheskikh materialov v kozhennoy promyshlennosti. Moskva, "Legkaya industriya," 1968, 170 p.

676 Paper and pulp industries
Lashin, V. A. [Principles of the technology of paper and cardboard processing] Osnovy tekhnologii pererabotki bumagi i kartona. Moskva, "Lesnaya prom-st'," 1968, 240 p.

[Processes substances of wood and cellulose, and their role in cellulose and paper industry] Substancii i ikh rol' v tselulozno-bumazhnoy promyshlennosti. Pod red. I. A. Kuznetsova. Moskva, "Lesnaya prom-st'," 1968, 351 p.

477 Textile and sewing industries
[The FE-128-I machine for the production of high-tech yarn. (Mounting, adjustment and servicing)] Mashina FE-128-I dlya proizvodstva vysokotekhnicheskikh nitok. (Ustroystvo, nastranovka i obsluzhivaniye). Moskva, "Legkaya industriya," 1968, 102 p.

Shchegolev, S. M. [Experience in labor organization and technological standardization in the cotton industry] Opyt organizatsii truda i tekhnicheskoy normirovaniya v khlopchatobumazhnoy promyshlennosti. Moskva, "Legkaya industriya," 1968, 191 p.

[Wool] Sheral', Izd. of the. Moskva, Izd. standartov, 1968, 63 p.

676 Macromolecular materials. Rubber and plastic
Pechenkin, M. V., and V. P. [Polymers in road construction] Polymery v stroitel'stve dorozhnoy stroitel'stva. Kiev, "Dobrotvorskaya," 1968, 55 p.

Shchegolev, S. M. [Introduction to polymer crystallization. Translated from the English] Kristallizatsiya polimerov. Pod red. N. F. Dolobova. Moskva, "Mir," 1964, 300 p.

Shchegolev, S. M. [Polymers materials and their use in railroad engineering] Polymery materialy i ikh primeneniye v zhелеznodorozhnoy tekhnike. Pod red. I. A. Kuznetsova. Moskva, Transport, 1968, 236 p.

[Toxicological evaluation of volatile substances occurring from synthetic materials] Toksikologicheskaya otsenka letuchikh veshchestv, vydukhayemykh iz sinteticheskikh materialov. Pod obshch. red. I. M. Trakhtenberg. Kiev, "Zdorov'ya," 1968, 198 p.

Shchegolev, S. M., and I. I. [Using synthetic materials in repairing lumbering machinery] Primeneniye sinteticheskikh materialov pri remonte lesnogo stroitel'nogo mashin. Moskva, "Lesnaya prom-st'," 1968, 107 p.

678 Glass
Lashin, V. A. [Efficiency of using pieces of glass reinforced plastics in the mining industry] Effektivnost' primeneniya trub iz stekloplastikov v gornodobyvayushchey promyshlennosti. Moskva, "Nauka," 1968, 84 p.

Shchegolev, S. M. [Medical and military service for plastics industry workers. (Experience of the Dnepropetrovsk Plastic Plant)] Meditsinsko-sanitarnaya obsluzhivaniye rabochikh proizvodstva plastmass. (Po opytu Dnepropetrovskogo zavoda plastmass). Moskva, "Meditsina," 1968, 184 p.

Shchegolev, S. M. [Fundamentals of the formation of glass-reinforced plastic shells] Osnovy formirovaniya stekloplasticheskikh obolochek. Leningrad, "Mashinostroyeniye," 1964, 174 p.

670.8 Stone industry and technology

Shchegolev, S. M. [Working carbonaceous rock deposits. (For the production of gravel)] Razrabotka uglekislodnykh karbonatnykh porod. (Dlya proizvodstva shchebala). Moskva, "Nauka," 1968, 202 p.

68 Specialized trades, crafts and industries for finished articles and goods

68.1 Wheel mechanisms. Clockwork. Counting, computing and control devices
[Analog and analog-digital computing equipment] Sredstva analogovoy i analogo-tsifrovoy vychislitel'noy tekhniki. Moskva, "Mashinostroyeniye," 1968, 450 p.

Byk, N. A. [Fundamentals of electronic technology of building materials] Osnovy elektronnoy tekhnologii stroitel'nykh materialov. Moskva, Stroitel'stvo, 1968, 174 p.

[Collection of standard programs for the "Boson-1M" computer] Sbornik standartnykh program dlya mashiny "Boson-1M." "Boson," Izd. AN ANSRR. Vyp. 1, 1964, 46 p.

[Computerized analysis of microscope objects] Mashinnyi analiz mikroskopicheskikh ob'ektov. Moskva, "Nauka," 1968, 133 p.

[Computers in biomedical research. Translated from the English] Vychislitel'nye mashiny v biologii i meditsine. Pod red. E. L. Mappel'baum i dr. Moskva, "Mir," 1967, 630 p.

[Control computer for statistical regulation of technological processes] Upravlyayushchaya vychislitel'naya mashina dlya statisticheskogo regulyrovaniya tekhnicheskikh protsessov. Leningrad, 1968, 80 p.

[Elements of technical cybernetics. Information theory. Automation (Fundamental concepts). Computer technique (general concepts; digital computers). Terminology] Elementy tekhnicheskoy kibernetiki. Teoriya informatsii. Avtomatizatsiya (osnovnye ponyatiya). Vychislitel'naya tekhnika (obshchie ponyatiya; tsifrovyye vychislitel'nye mashiny). Terminologiya. Moskva, "Nauka," 1968, 53 p. (Sbornik tekhnicheskoy kibernetiki. Teoriya informatsii. Avtomatizatsiya (osnovnye ponyatiya). Vychislitel'naya tekhnika (obshchie ponyatiya; tsifrovyye vychislitel'nye mashiny). Terminologiya. Vyp. 77).

Byk, N. A. [Machines are computing. (Computers in livestock breeding)] Mashiny slyuchayno. (Kompyutery v zhivotnovodstve). Moskva, "Kolos," 1968, 86 p.

Byk, N. A. [Computers and the human mind. Translated from the English] Vychislitel'nye mashiny i chelovechestvo. Moskva, "Mir," 1967, 364 p.

[Magnetic analog elements and electromagnetic devices] Analogovyye magnitnyye elementy i elektromagnitnyye ustroystva. Moskva, "Nauka," 1968, 307 p.

[Magnetic modulation converters of the angle of turn into a code] Magnitno-modulyatsionnyye prevrashchayushcheye ustroystvo v kod. Moskva, "Energiya," 1968, 87 p. (O-chin po avtomatike. Vyp. 86).

Shchegolev, S. M. [Electric clock systems] Elektricheskiye sistemy. Moskva, "Mashinostroyeniye," 1964, 408 p.

Shchegolev, S. M. [Rationally indeterminate systems. Construction and development of algorithms] Ratsionalno neodredimyye sistemy. Postroyeniye i razvitiye algoritmov. Kiev, "Dobrotvorskaya," 1968, 311 p.

[Synthesis of digital automata and control devices] Sintez tsifrovyykh avtomatov i upravlyayushchikh ustroystv. Moskva, "Nauka," 1968, 187 p.

[Two translators for electronic computers] Dva translatora dlya elektronnykh vychislitel'nykh mashin. Kiev, 1968, 79 p.

[Use of electronic computers in structural mechanics. (Proceedings of the Fourth All-Union Conference on the Use of Electronic Computers in Structural Mechanics)] Primeneniye elektronnykh vychislitel'nykh mashin v stroitel'noy mekhanike. (Trudy IV Vsesoyuzn. konferentsii po primeneniyu elektronnykh mashin v stroitel'noy mekhanike). Kiev, "Mashinostroyeniye," 1968, 503 p.

Shchegolev, S. M., and S. V. [Memory devices using transistors] Zapomnaniye na tranzistorakh. Moskva, 1968, 81 p.

68.3 Instrument making. Instrumentation
[Construction specifications and regulations] Stroitel'nyye normy i pravila. Izd. of the. Moskva, Stroitel'stvo.

Ch. 3, Razd. I, Gl. 7. [Assembly of automatic apparatus and equipment. Regulations for the organization and execution of work. Acceptance of completed work] Montazh priborov i sredstv avtomatizatsii. Pravila organizatsii i provedeniya rabot. Priklady v avtomatizatsii. SNIP III-1. 7-87. Ust. 3/VII 1967 g. 1968, 80 p.

[Encyclopedia of measurements, control, and automation] Entsiklopediya izmereniy, kontrolya i avtomatizatsii. Moskva, "Energiya," 1968, 68 p.

Shchegolev, S. M. [Allowances and fits in instrument manufacture] Dopusk i podskid v priborostroyeniye. Izd. 3-e, dop. i pererabot. Leningrad, "Mashinostroyeniye," 1968, 121 p.

[Trends in the development of technology in instrument manufacture] Napravleniya razvitiya tekhnologii priborostroyeniya. Pod red. A. M. Gavrilova. Moskva, "Mashinostroyeniye," 1968, 338 p.

684 Clockmaking. Furniture and cabinetmaking. Upholstery
Shchegolev, S. M. [Manual for the furniture maker] Spravochnik mebel'shchika. Kiev, "Tekhnika," 1968, 533 p.

687 Clothing industry. Textile articles, fabrics, etc.
Shchegolev, S. M., and M. B. [Work experience of the Leningrad House of Clothing Models and its relations with the industry. Leningrad, 1968] Opyt raboty Leningradskogo doma modelirovaniya i ego svyaz s promyshlennost'yu. Leningrad, 1968, 40 p.

69 BUILDING INDUSTRY, MATERIALS, TRADES, CONSTRUCTION

Shchegolev, S. M. [Analysis of managerial work in building organizations] Analiz khosyaystvennoy detalей i sooruzheniy stroitel'noy organizatsii. Moskva, "Finansy," 1968, 136 p.

[Collection No. 8 of standard district uniform estimates for construction work. Reconstruction of industrial buildings and structures] Sbornik No. 8 edinykh rayonnykh tsenok na stroitel'nye raboty. Raboty po rekonstruktsii promyshlennyykh zdaniy i sooruzheniy. Izd. of the. Ust. dlya primeneniya s 1 ianv. 1968 g. Leningrad, "Dobrotvorskaya," 1968, 84 p.

[Collection No. 9 of standard district uniform estimates for construction work. Ceilings and work walls] Sbornik No. 9 edinykh rayonnykh tsenok na stroitel'nye raboty. Remont i oshcheyeniye potolkov. Izd. of the. Ust. dlya primeneniya s 1 ianv. 1968 g. Moskva, Stroitel'stvo, 1968, 41 p.

[Collection No. 18 of standard district uniform estimates for construction work. Wood structural elements] Sbornik No. 18 edinykh rayonnykh tsenok na stroitel'nye raboty. Derevyannyye konstruktsii. Izd. of the. Ust. dlya primeneniya s 1 ianv. 1968 g. Moskva, Stroitel'stvo, 1968, 145 p.

- 411

681.5 Concrete in situ

Rebrikov, S. G., and V. D. Topchik. [Alloys of reinforced concrete structures] Al'ternativnye i opalubki i formy dlya monolitnykh i zhutobetonnykh konstruktsiy. Pod red. I. O. Aralova. Izd. 4-e, dop. i pererabot. Moskva, Stroitel', 1948. 45 p.

681.8 Metal and structural work

Belikov, S. I., and V. R. Kuznetsov. [Causes of failure of steel structural members and means for eliminating them] Prichiny sversta stal'nykh konstruktsiy i sposoby ikh ustroystva. Moskva, Stroitel', 1948. 108 p.

681.9 Formed construction

[Durability of large-panel structural members] Prochnost' i krasopomesheniye konstruktsiy. Pod red. A. A. Brumstova i V. A. Kuznetsova. Moskva, Stroitel', 1948. 271 p.

Livshits, I. E. [Design characteristics of truss-like structures] Osobennosti rascheta stancheynykh prostirayemykh konstruktsiy. Leningrad, Stroitel', 1948. 248 p.

[Manufacture of reinforced concrete frames] Proizvodstvo zhelezobetonnykh ram. Moskva, Stroitel', 1948. 120 p.

681.9(37)—Asiatic R. & P. R.

[Development of large-panel house construction in Western Siberia] Razvitiye krasopomesheniya domostroyeniya v Zapadnoi Sibiri. Pod obshch. red. P. I. Otkrina i dr. Novosibirsk, Zap.-Sib. kn. izd., 1947. 223 p.

691 Equipment. Service. Installations in buildings

[Collection No. 22 of standard district uniform estimates for construction work. Interior water-supply lines. Water-supply and sewer systems - interior installations. Heating] Sbornik No. 22 edinykh rayonnykh edinchestvnykh tsen na stroitel'nye raboty. Truboprovody vnutrennie. Vodoprovod i kanalizatsiya - vnutrennie ustroystva. Otopleniye. Izd. ofits. Moskva, Stroitel', 1948. 128 p.

697 Heating, ventilation, air conditioning

[Collection No. 23 of standard district uniform estimates for construction work. Ventilation and air conditioning] Sbornik No. 23 edinykh rayonnykh edinchestvnykh tsen na stroitel'nye raboty. Ventsilyatsiya i klimatizatsionnye ustroystva. Izd. ofits. Dlya primeneniya s 1 ianv. 1949 g. Moskva, "Mekhtekhnika," 1948. 101 p.

Alimovskiy, V. A. [Maintenance of gas-fired heating boilers] Eksploatatsiya opogaznykh kotlov, razbortshchik na gazovom toplive. Moskva, Stroitel', 1948. 121 p.

698.5 Protective, special, limited construction

Osipov, G. I. [Noise and sound insulation] Shum i zvukozashchita. Moskva, Stroitel', 1947. 103 p.

[Problems of organizing the work of engineering-technical staff on design of local building materials] Voprosy organizatsii inzhenerno-tekhnicheskogo stabiya na spetsial'nykh i spetsial'nykh materialov. Pod red. Sh. G. Meysternika. Dnepropetrovsk, "Dnepro," 1948. 41 p.

7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.

7.8 General. Works of individual artists

Alimovskiy, V. V. [Mural art and school] Mural'noe iskusstvo i shkola. Moskva, "Izobrazitel'skoye," 1948. 288 p.

Bark, A. V. [Busts and art in the collections of the Soviet Union] Skulpturnoye iskusstvo v sobraniyakh sovetskogo soyuza. Leningrad, "Izobrazitel'skoye," 1948. 280 p.

(OC)

Dmitriyev, M. A. [Brief history of art] Kratkaya istoriya iskusstva. Oskolki. [Moskva, "Izobrazitel'skoye," 1948. 240 p.]

Yp. I. [From the ancient period to the 19th century] Ot drevnykh vremen po XVI v. 1948. 240 p.

[Eugene Adol'fovich Khrushch, people's artist of the R. S. F. S. R., laureate of the State Prize, member of the Academy of Arts of the U. S. S. R. On his 60th birthday. A catalog] Yegor Adol'fovich Khrushch, narodnyy khudozhnik RSFSR. Izvestiya Gosstatizvestiya prazdnits, detstva i zhizni Adol'fovicha Khrushcha. K 60-letiyu so dnya rojdeniya. Katalog. Moskva, "Izobrazitel'skoye," 1948. 12 p.

(MH-FA)

Gerasimov, I. I., and M. I. Domashnik. [Art monuments of the upper Volga valley. (From Kaluga to Yaroslavl)] Khudozhestvennyye pamyatniki Verkhnei Volgi. (Ot Kaluzhi do Iaroslavl'a). Moskva, "Izobrazitel'skoye," 1948. 128 p.

Kaluzhskiy, I. I. [Bibliography of literature of the Kaluzhskiy region. (1944-1948)] Bibliografiya literatury Kaluzhskogo kraia. (1944-1948 gg.). Moskva, 1947. 170 p.

Korovin, K. V., and Andrei Ushakov. [Leningrad, "Khudozhnik RSFSR," 1947. 68 p.]

[Russian art of the 18th century. Materials and studies] Russkoye iskusstvo XVIII veka. Materialy i issledovaniya. Pod red. T. B. Alekseyev. Moskva, "Izobrazitel'skoye," 1948. 211 p.

Troitskiy, I. I. [Soviet art in the State Tretyakov Gallery. 1817-1947. A brief guidebook] Sovetskoye iskusstvo v Gosstatizvestiya Troitskoye galerii. 1817-1947. Kratkoye posvetitel'skoye. [Moskva, "Izobrazitel'skoye," 1948. 64 p.]

7.0(4/9.104)—Capitalist countries of the world
Manch, Hsueh. [Selfishness as a logical error. With Russian material on the problem of gangsterism in art. Translated from the German] Bespredmetnoye iskusstvo - oshibka logiki. S Russkimi materialami k voprosu o gangsterizme v iskusstve. [Moskva, "Izobrazitel'skoye," 1948. 271 p.]

(MPC)

7.0(97)—Equatorial, South Central and East Africa

[Art of Tropical Africa in the collections of the U. S. S. R.] Iskusstvo tropicheskoy Afriki v sobraniyakh RSFSR. Sost. A. B. I. art. voprosy, skizmy G. Chernova. Moscow, red. D. O. Gerasimov. [Moskva, "Izobrazitel'skoye," 1947. 36 p.]

71 PHYSICAL PLANNING. LANDSCAPE, ETC.

711 Physical, regional, town and country planning

[City construction. Regional planning. City agglomeration] Osnovnye voprosy regional'nogo planirovaniya. Gor. aglomeratsii. Kiev, "Dobryi den," 1948. 128 p.

711.4 Town planning. Urban development, built-up areas, towns, villages, etc.

[General plans of large cities] General'nye plany krasnykh gorodov. Kiev, "Dobryi den," 1947. 84 p. (V posel'skoye i posel'skoye tsentra. T. 1.)

Mal'kov, I. I., and V. A. Panyayev. [Preparation of complex plans for urban construction] Osnovnye voprosy razrabotki kompleksnykh planov dlya razvitiya ustroystva. Moskva, Stroitel', 1948. 223 p.

[Preparation of a city construction course project] Kursovoye predlozheniye po gradostroyeniyu. Pod obshch. red. G. F. Bogdanova. Kiev, "Dobryi den," 1948. 244 p.

711.4(471.33)—Leningrad City

[Leningrad-Leningrad] Leningrad-Leningrad. [Leningrad, "Khudozhnik RSFSR," 1947. 12 p.]

711.4(471.814)—Vladimir Province

Vorosh, M. (Vladimir Bogolyubov, Skladil', Iur'yevskiy). [Izd. 2-e, pererabot. Moskva, "Izobrazitel'skoye," 1947. 21 p.]

712 Landscapes including generally: planning, layout, execution

Belikov, S. I., and A. A. Lashin. [Handbook on landscaping] Osnovnye voprosy po ustroystvu i razvitiyu. Kiev, "Dobryi den," 1948. 279 p.

73 ARCHITECTURE

[Architectural monuments of the 19th century. Catalog of the exhibition commemorating the 100th anniversary of his birth] Arkhitekturnyye pamyatniki XIX veka. Katalog vystavki k 100-letiyu so dnya rojdeniya, 1738-1938 gg. Moskva, 1938. 44 p.

(MH-FA)

[Construction and architecture. Transactions of the 1st Moscow Conference of Young Architects] Stroitel'stvo i arkhitektura. Tрудy I mosk. konferentsii molodykh inzhenerov. Moskva, "Izobrazitel'skoye," 1948. 226 p.

Zheleznyakov, A. M., and S. O. Khan-Magomedov. [Half a century of Soviet architecture] Polveka sovetskoy arkhitektury. Moskva, "Izobrazitel'skoye," 1947. 51 p. (Novos v shkole, nauke, tekhnike. XVIII Seriya. Iskusstvo. 30.)

73(4)—Europe

[General history of architecture] Voenno-voennaya istoriya arkhitektury. Leningrad, [Stroitel']. 2. [Architecture of Eastern Europe. The middle ages] Arkhitektura Vostochnoy Evropy. Srednie veka. Pod red. I. I. Lavrov. 1948. 248 p.

(MH-FA)

73(477)—Ukrainian R. S. R.

Andriyev, M. M. [Kiev, Outline of the history of architecture] Kiev, Ist. arkhitekt. ocherk. Kiev, "Dobryi den," 1948. 205 p.

73.64 General aesthetics. Design. Planning, etc.

Belikov, S. I. [Perspective of an inclined plane] Perspektiva na naklonnoy ploskosti. Kiev, "Dobryi den," 1948. 68 p.

73.65 Period, style, influence

73.65(471.1)—Northern R. S. F. S. R.

Belikov, S. I., and B. M. Fedorov. [Architectural monuments of the Russian North] Arkhitekturnyye pamyatniki russkogo Severa. [Leningrad, "Izobrazitel'skoye," 1948. 288 p.]

73.65(477)—Ukrainian R. S. R.

Klitschko, S. K. [Chortkiv, A historical study of its architecture] Chortkiv. Istoriya arkhitektury i yazyka. Kyiv, "Dobryi den," 1948. 87 p.

(MH-FA)

731 Buildings generally. Programming. Design

[Collection of articles on design and research costs in construction] Sbornik nauchnykh i issledovatel'skoye raboty dlya stroitel'stva. Izd. ofits. Moskva, Stroitel'. Ch. 2. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhej. Razd. 18. [Light and textile industries] Legkaya i tekstil'naya promyshlennost'. Usv. 34/V. 1947 g. 1948. 8 p.

736 Public, civil, commercial and industrial buildings

Vodop'yanov, G. B. [Modernized general structural members for industrial farms and public buildings] Arhitekturnyye konstruktivnyye dlya promyshlennykh sel'skokhozyaystvennykh i grazhdanskikh zdaniy. Moskva, Stroitel', 1948. 128 p.

736.1 Civic and public service buildings

[Modern public structures] Sovremennyye obshchestvennyye sooruzheniya. [Leningrad, 1948] 265 p. (Izobrazitel'skoye.)

736.4 Industrial buildings. Factories, mills, workshops, etc.

[Collection of articles on design and research costs in construction] Sbornik nauchnykh i issledovatel'skoye raboty dlya stroitel'stva. Izd. ofits. Moskva, Stroitel'. Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhej. Razd. 19. [Light and textile industries] Legkaya i tekstil'naya promyshlennost'. Usv. 34/V. 1947 g. 1948. 8 p.

[Enclosing structures of industrial buildings] Ograzhdayushchaya konstruktivnyye promyshlennykh zdaniy. Pod red. V. A. Droskova. Moskva, Stroitel', 1948. 174 p.

Klyuchnikov, A. A. [Steel members for roofs of one-story industrial buildings] Stal'nye konstruktivnyye pokrytiya odnoetazhnykh promyshlennykh zdaniy. Pod obshch. red. M. B. Strazinskogo. Moskva, Stroitel', 1947. 43 p.

Klyuchnikov, V. A. [Assembly of the equipment of an oxygen-blowing converter plant] Montazh kislorodno-konvertornogo oborudovaniya. Moskva, Stroitel', 1948. 228 p.

[Planning the construction of industrial enterprises] Proektirovaniye potokovogo stroitel'stva promyshlennykh predpriyatiy. Kiev, "Dobryi den," 1948. 121 p.

736(471.814)—Vladimir Province

Vorosh, M. (Vladimir Bogolyubov, Skladil', Iur'yevskiy). [Izd. 2-e, pererabot. Moskva, "Izobrazitel'skoye," 1947. 21 p.]

736(477.6)—Donetsk Basin

Moskvin, S. S. [Architectural monuments of the Donbass] Arkhitekturnyye pamyatniki Donbassa. "Izobrazitel'skoye," 1948. 171 p.

(MH-FA)

728 Residential buildings. Housing. Domestic architecture. [Opella, K.D., and Y.A. Zaslavskii. [Wages of workers employed in housing management] Oplata truda rabotnikov shkol'nogo khozaystva. Moscow, Stroitel'stvo, 1968. 85 p.]

729 [Rural house. How to build and furnish it yourself] Sel'skiy dom. Kak ego snostno postroit' i obustroit'. Moscow, Sov. Rossiya, 1964. 200 p.]

73 SCULPTURE AND THE PLASTIC ARTS
[Skilled artists on art. Selected excerpts from letters, diaries, speeches, and studies. In seven volumes.] Masterskaya iskusstva ob iskusstve. Izbr. otryvki iz pisma, dnevnikov, rechi i traktatov. V 7-ti t. Pod obshch. red. A.A. Gubara i dr. [Moskva, "Iskusstvo", 1967. 623 p.]

730 [Anna Gubkina, sculptress and poetess] Anna Gubkina, skulptor i shkol'nitsa. Moskva, Sov. Rossiya, 1964. 141 p.]

731 Miniatures
Kocherzhev, E.I., and D.I. Moshalov. [Miniatures in the school] Miniatury v shkole. Moskva, "Prosvetshenie", 1964. 231 p.]

74 DRAWING AND MINOR ARTS

741 Technical drawing. Drawing
Kharin, I.M., and M.B. Artyukov. [Collection of problems on structural drawing] Skizmy zadach po stroitel'skomu chertcheniyu. Kiev, "Vuzovskaya", 1968. 137 p.]

742 [Mechanical drawing] Mekhanicheskoye chertcheniye. 5-o pereizdat. 1 dop. izd. Moskva, "Vysshaya shkola", 1968. 321 p.]

743 [A manual for instructions in mechanical drawing] Rukovodstvo k prepodavaniju chertcheniya. Izd. 2-o, pereizdat. 1 dop. izd. Moskva, "Mashinostroyeniye", 1968. 275 p.]

744 Decorative, ornamental, art handicrafts
[Poems about a tree] Poema o derev'e. [Leningrad, "Khudozhestvennoye iskusstvo", 1968. 141 p. Illus. [In Russian, English, French].]

745 Artistic glass and crystal
Chernykh, P.D., R.M. Dobryshchev, and M.V. Malyshevskiy. [Crystal glass in ancient Rome] Kristallnoye steklo v drevnem Rime. Leningrad, "Iskusstvo", 1968. 24 p.]

75 PAINTING
[Fifty years of Soviet art] 50 let sovetskogo iskusstva. Otv. red. B.V. Iuganov i V.A. Barov. Moskva, "Sov. Khudozhestvo", 1967. 464 p. Illus.]

Kharin, V.P., M. Berik. [Art, 2-o, 3-o, 4-o, 5-o, 6-o, 7-o, 8-o, 9-o, 10-o, 11-o, 12-o, 13-o, 14-o, 15-o, 16-o, 17-o, 18-o, 19-o, 20-o, 21-o, 22-o, 23-o, 24-o, 25-o, 26-o, 27-o, 28-o, 29-o, 30-o, 31-o, 32-o, 33-o, 34-o, 35-o, 36-o, 37-o, 38-o, 39-o, 40-o, 41-o, 42-o, 43-o, 44-o, 45-o, 46-o, 47-o, 48-o, 49-o, 50-o, 51-o, 52-o, 53-o, 54-o, 55-o, 56-o, 57-o, 58-o, 59-o, 60-o, 61-o, 62-o, 63-o, 64-o, 65-o, 66-o, 67-o, 68-o, 69-o, 70-o, 71-o, 72-o, 73-o, 74-o, 75-o, 76-o, 77-o, 78-o, 79-o, 80-o, 81-o, 82-o, 83-o, 84-o, 85-o, 86-o, 87-o, 88-o, 89-o, 90-o, 91-o, 92-o, 93-o, 94-o, 95-o, 96-o, 97-o, 98-o, 99-o, 100-o, 101-o, 102-o, 103-o, 104-o, 105-o, 106-o, 107-o, 108-o, 109-o, 110-o, 111-o, 112-o, 113-o, 114-o, 115-o, 116-o, 117-o, 118-o, 119-o, 120-o, 121-o, 122-o, 123-o, 124-o, 125-o, 126-o, 127-o, 128-o, 129-o, 130-o, 131-o, 132-o, 133-o, 134-o, 135-o, 136-o, 137-o, 138-o, 139-o, 140-o, 141-o, 142-o, 143-o, 144-o, 145-o, 146-o, 147-o, 148-o, 149-o, 150-o, 151-o, 152-o, 153-o, 154-o, 155-o, 156-o, 157-o, 158-o, 159-o, 160-o, 161-o, 162-o, 163-o, 164-o, 165-o, 166-o, 167-o, 168-o, 169-o, 170-o, 171-o, 172-o, 173-o, 174-o, 175-o, 176-o, 177-o, 178-o, 179-o, 180-o, 181-o, 182-o, 183-o, 184-o, 185-o, 186-o, 187-o, 188-o, 189-o, 190-o, 191-o, 192-o, 193-o, 194-o, 195-o, 196-o, 197-o, 198-o, 199-o, 200-o, 201-o, 202-o, 203-o, 204-o, 205-o, 206-o, 207-o, 208-o, 209-o, 210-o, 211-o, 212-o, 213-o, 214-o, 215-o, 216-o, 217-o, 218-o, 219-o, 220-o, 221-o, 222-o, 223-o, 224-o, 225-o, 226-o, 227-o, 228-o, 229-o, 230-o, 231-o, 232-o, 233-o, 234-o, 235-o, 236-o, 237-o, 238-o, 239-o, 240-o, 241-o, 242-o, 243-o, 244-o, 245-o, 246-o, 247-o, 248-o, 249-o, 250-o, 251-o, 252-o, 253-o, 254-o, 255-o, 256-o, 257-o, 258-o, 259-o, 260-o, 261-o, 262-o, 263-o, 264-o, 265-o, 266-o, 267-o, 268-o, 269-o, 270-o, 271-o, 272-o, 273-o, 274-o, 275-o, 276-o, 277-o, 278-o, 279-o, 280-o, 281-o, 282-o, 283-o, 284-o, 285-o, 286-o, 287-o, 288-o, 289-o, 290-o, 291-o, 292-o, 293-o, 294-o, 295-o, 296-o, 297-o, 298-o, 299-o, 300-o, 301-o, 302-o, 303-o, 304-o, 305-o, 306-o, 307-o, 308-o, 309-o, 310-o, 311-o, 312-o, 313-o, 314-o, 315-o, 316-o, 317-o, 318-o, 319-o, 320-o, 321-o, 322-o, 323-o, 324-o, 325-o, 326-o, 327-o, 328-o, 329-o, 330-o, 331-o, 332-o, 333-o, 334-o, 335-o, 336-o, 337-o, 338-o, 339-o, 340-o, 341-o, 342-o, 343-o, 344-o, 345-o, 346-o, 347-o, 348-o, 349-o, 350-o, 351-o, 352-o, 353-o, 354-o, 355-o, 356-o, 357-o, 358-o, 359-o, 360-o, 361-o, 362-o, 363-o, 364-o, 365-o, 366-o, 367-o, 368-o, 369-o, 370-o, 371-o, 372-o, 373-o, 374-o, 375-o, 376-o, 377-o, 378-o, 379-o, 380-o, 381-o, 382-o, 383-o, 384-o, 385-o, 386-o, 387-o, 388-o, 389-o, 390-o, 391-o, 392-o, 393-o, 394-o, 395-o, 396-o, 397-o, 398-o, 399-o, 400-o, 401-o, 402-o, 403-o, 404-o, 405-o, 406-o, 407-o, 408-o, 409-o, 410-o, 411-o, 412-o, 413-o, 414-o, 415-o, 416-o, 417-o, 418-o, 419-o, 420-o, 421-o, 422-o, 423-o, 424-o, 425-o, 426-o, 427-o, 428-o, 429-o, 430-o, 431-o, 432-o, 433-o, 434-o, 435-o, 436-o, 437-o, 438-o, 439-o, 440-o, 441-o, 442-o, 443-o, 444-o, 445-o, 446-o, 447-o, 448-o, 449-o, 450-o, 451-o, 452-o, 453-o, 454-o, 455-o, 456-o, 457-o, 458-o, 459-o, 460-o, 461-o, 462-o, 463-o, 464-o, 465-o, 466-o, 467-o, 468-o, 469-o, 470-o, 471-o, 472-o, 473-o, 474-o, 475-o, 476-o, 477-o, 478-o, 479-o, 480-o, 481-o, 482-o, 483-o, 484-o, 485-o, 486-o, 487-o, 488-o, 489-o, 490-o, 491-o, 492-o, 493-o, 494-o, 495-o, 496-o, 497-o, 498-o, 499-o, 500-o, 501-o, 502-o, 503-o, 504-o, 505-o, 506-o, 507-o, 508-o, 509-o, 510-o, 511-o, 512-o, 513-o, 514-o, 515-o, 516-o, 517-o, 518-o, 519-o, 520-o, 521-o, 522-o, 523-o, 524-o, 525-o, 526-o, 527-o, 528-o, 529-o, 530-o, 531-o, 532-o, 533-o, 534-o, 535-o, 536-o, 537-o, 538-o, 539-o, 540-o, 541-o, 542-o, 543-o, 544-o, 545-o, 546-o, 547-o, 548-o, 549-o, 550-o, 551-o, 552-o, 553-o, 554-o, 555-o, 556-o, 557-o, 558-o, 559-o, 560-o, 561-o, 562-o, 563-o, 564-o, 565-o, 566-o, 567-o, 568-o, 569-o, 570-o, 571-o, 572-o, 573-o, 574-o, 575-o, 576-o, 577-o, 578-o, 579-o, 580-o, 581-o, 582-o, 583-o, 584-o, 585-o, 586-o, 587-o, 588-o, 589-o, 590-o, 591-o, 592-o, 593-o, 594-o, 595-o, 596-o, 597-o, 598-o, 599-o, 600-o, 601-o, 602-o, 603-o, 604-o, 605-o, 606-o, 607-o, 608-o, 609-o, 610-o, 611-o, 612-o, 613-o, 614-o, 615-o, 616-o, 617-o, 618-o, 619-o, 620-o, 621-o, 622-o, 623-o, 624-o, 625-o, 626-o, 627-o, 628-o, 629-o, 630-o, 631-o, 632-o, 633-o, 634-o, 635-o, 636-o, 637-o, 638-o, 639-o, 640-o, 641-o, 642-o, 643-o, 644-o, 645-o, 646-o, 647-o, 648-o, 649-o, 650-o, 651-o, 652-o, 653-o, 654-o, 655-o, 656-o, 657-o, 658-o, 659-o, 660-o, 661-o, 662-o, 663-o, 664-o, 665-o, 666-o, 667-o, 668-o, 669-o, 670-o, 671-o, 672-o, 673-o, 674-o, 675-o, 676-o, 677-o, 678-o, 679-o, 680-o, 681-o, 682-o, 683-o, 684-o, 685-o, 686-o, 687-o, 688-o, 689-o, 690-o, 691-o, 692-o, 693-o, 694-o, 695-o, 696-o, 697-o, 698-o, 699-o, 700-o, 701-o, 702-o, 703-o, 704-o, 705-o, 706-o, 707-o, 708-o, 709-o, 710-o, 711-o, 712-o, 713-o, 714-o, 715-o, 716-o, 717-o, 718-o, 719-o, 720-o, 721-o, 722-o, 723-o, 724-o, 725-o, 726-o, 727-o, 728-o, 729-o, 730-o, 731-o, 732-o, 733-o, 734-o, 735-o, 736-o, 737-o, 738-o, 739-o, 740-o, 741-o, 742-o, 743-o, 744-o, 745-o, 746-o, 747-o, 748-o, 749-o, 750-o, 751-o, 752-o, 753-o, 754-o, 755-o, 756-o, 757-o, 758-o, 759-o, 760-o, 761-o, 762-o, 763-o, 764-o, 765-o, 766-o, 767-o, 768-o, 769-o, 770-o, 771-o, 772-o, 773-o, 774-o, 775-o, 776-o, 777-o, 778-o, 779-o, 780-o, 781-o, 782-o, 783-o, 784-o, 785-o, 786-o, 787-o, 788-o, 789-o, 790-o, 791-o, 792-o, 793-o, 794-o, 795-o, 796-o, 797-o, 798-o, 799-o, 800-o, 801-o, 802-o, 803-o, 804-o, 805-o, 806-o, 807-o, 808-o, 809-o, 810-o, 811-o, 812-o, 813-o, 814-o, 815-o, 816-o, 817-o, 818-o, 819-o, 820-o, 821-o, 822-o, 823-o, 824-o, 825-o, 826-o, 827-o, 828-o, 829-o, 830-o, 831-o, 832-o, 833-o, 834-o, 835-o, 836-o, 837-o, 838-o, 839-o, 840-o, 841-o, 842-o, 843-o, 844-o, 845-o, 846-o, 847-o, 848-o, 849-o, 850-o, 851-o, 852-o, 853-o, 854-o, 855-o, 856-o, 857-o, 858-o, 859-o, 860-o, 861-o, 862-o, 863-o, 864-o, 865-o, 866-o, 867-o, 868-o, 869-o, 870-o, 871-o, 872-o, 873-o, 874-o, 875-o, 876-o, 877-o, 878-o, 879-o, 880-o, 881-o, 882-o, 883-o, 884-o, 885-o, 886-o, 887-o, 888-o, 889-o, 890-o, 891-o, 892-o, 893-o, 894-o, 895-o, 896-o, 897-o, 898-o, 899-o, 900-o, 901-o, 902-o, 903-o, 904-o, 905-o, 906-o, 907-o, 908-o, 909-o, 910-o, 911-o, 912-o, 913-o, 914-o, 915-o, 916-o, 917-o, 918-o, 919-o, 920-o, 921-o, 922-o, 923-o, 924-o, 925-o, 926-o, 927-o, 928-o, 929-o, 930-o, 931-o, 932-o, 933-o, 934-o, 935-o, 936-o, 937-o, 938-o, 939-o, 940-o, 941-o, 942-o, 943-o, 944-o, 945-o, 946-o, 947-o, 948-o, 949-o, 950-o, 951-o, 952-o, 953-o, 954-o, 955-o, 956-o, 957-o, 958-o, 959-o, 960-o, 961-o, 962-o, 963-o, 964-o, 965-o, 966-o, 967-o, 968-o, 969-o, 970-o, 971-o, 972-o, 973-o, 974-o, 975-o, 976-o, 977-o, 978-o, 979-o, 980-o, 981-o, 982-o, 983-o, 984-o, 985-o, 986-o, 987-o, 988-o, 989-o, 990-o, 991-o, 992-o, 993-o, 994-o, 995-o, 996-o, 997-o, 998-o, 999-o, 1000-o, 1001-o, 1002-o, 1003-o, 1004-o, 1005-o, 1006-o, 1007-o, 1008-o, 1009-o, 1010-o, 1011-o, 1012-o, 1013-o, 1014-o, 1015-o, 1016-o, 1017-o, 1018-o, 1019-o, 1020-o, 1021-o, 1022-o, 1023-o, 1024-o, 1025-o, 1026-o, 1027-o, 1028-o, 1029-o, 1030-o, 1031-o, 1032-o, 1033-o, 1034-o, 1035-o, 1036-o, 1037-o, 1038-o, 1039-o, 1040-o, 1041-o, 1042-o, 1043-o, 1044-o, 1045-o, 1046-o, 1047-o, 1048-o, 1049-o, 1050-o, 1051-o, 1052-o, 1053-o, 1054-o, 1055-o, 1056-o, 1057-o, 1058-o, 1059-o, 1060-o, 1061-o, 1062-o, 1063-o, 1064-o, 1065-o, 1066-o, 1067-o, 1068-o, 1069-o, 1070-o, 1071-o, 1072-o, 1073-o, 1074-o, 1075-o, 1076-o, 1077-o, 1078-o, 1079-o, 1080-o, 1081-o, 1082-o, 1083-o, 1084-o, 1085-o, 1086-o, 1087-o, 1088-o, 1089-o, 1090-o, 1091-o, 1092-o, 1093-o, 1094-o, 1095-o, 1096-o, 1097-o, 1098-o, 1099-o, 1100-o, 1101-o, 1102-o, 1103-o, 1104-o, 1105-o, 1106-o, 1107-o, 1108-o, 1109-o, 1110-o, 1111-o, 1112-o, 1113-o, 1114-o, 1115-o, 1116-o, 1117-o, 1118-o, 1119-o, 1120-o, 1121-o, 1122-o, 1123-o, 1124-o, 1125-o, 1126-o, 1127-o, 1128-o, 1129-o, 1130-o, 1131-o, 1132-o, 1133-o, 1134-o, 1135-o, 1136-o, 1137-o, 1138-o, 1139-o, 1140-o, 1141-o, 1142-o, 1143-o, 1144-o, 1145-o, 1146-o, 1147-o, 1148-o, 1149-o, 1150-o, 1151-o, 1152-o, 1153-o, 1154-o, 1155-o, 1156-o, 1157-o, 1158-o, 1159-o, 1160-o, 1161-o, 1162-o, 1163-o, 1164-o, 1165-o, 1166-o, 1167-o, 1168-o, 1169-o, 1170-o, 1171-o, 1172-o, 1173-o, 1174-o, 1175-o, 1176-o, 1177-o, 1178-o, 1179-o, 1180-o, 1181-o, 1182-o, 1183-o, 1184-o, 1185-o, 1186-o, 1187-o, 1188-o, 1189-o, 1190-o, 1191-o, 1192-o, 1193-o, 1194-o, 1195-o, 1196-o, 1197-o, 1198-o, 1199-o, 1200-o, 1201-o, 1202-o, 1203-o, 1204-o, 1205-o, 1206-o, 1207-o, 1208-o, 1209-o, 1210-o, 1211-o, 1212-o, 1213-o, 1214-o, 1215-o, 1216-o, 1217-o, 1218-o, 1219-o, 1220-o, 1221-o, 1222-o, 1223-o, 1224-o, 1225-o, 1226-o, 1227-o, 1228-o, 1229-o, 1230-o, 1231-o, 1232-o, 1233-o, 1234-o, 1235-o, 1236-o, 1237-o, 1238-o, 1239-o, 1240-o, 1241-o, 1242-o, 1243-o, 1244-o, 1245-o, 1246-o, 1247-o, 1248-o, 1249-o, 1250-o, 1251-o, 1252-o, 1253-o, 1254-o, 1255-o, 1256-o, 1257-o, 1258-o, 1259-o, 1260-o, 1261-o, 1262-o, 1263-o, 1264-o, 1265-o, 1266-o, 1267-o, 1268-o, 1269-o, 1270-o, 1271-o, 1272-o, 1273-o, 1274-o, 1275-o, 1276-o, 1277-o, 1278-o, 1279-o, 1280-o, 1281-o, 1282-o, 1283-o, 1284-o, 1285-o, 1286-o, 1287-o, 1288-o, 1289-o, 1290-o, 1291-o, 1292-o, 1293-o, 1294-o, 1295-o, 1296-o, 1297-o, 1298-o, 1299-o, 1300-o, 1301-o, 1302-o, 1303-o, 1304-o, 1305-o, 1306-o, 1307-o, 1308-o, 1309-o, 1310-o, 1311-o, 1312-o, 1313-o, 1314-o, 1315-o, 1316-o, 1317-o, 1318-o, 1319-o, 1320-o, 1321-o, 1322-o, 1323-o, 1324-o, 1325-o, 1326-o, 1327-o, 1328-o, 1329-o, 1330-o, 1331-o, 1332-o, 1333-o, 1334-o, 1335-o, 1336-o, 1337-o, 1338-o, 1339-o, 1340-o, 1341-o, 1342-o, 1343-o, 1344-o, 1345-o, 1346-o, 1347-o, 1348-o, 1349-o, 1350-o, 1351-o, 1352-o, 1353-o, 1354-o, 1355-o, 1356-o, 1357-o, 1358-o, 1359-o, 1360-o, 1361-o, 1362-o, 1363-o, 1364-o, 1365-o, 1366-o, 1367-o, 1368-o, 1369-o, 1370-o, 1371-o, 1372-o, 1373-o, 1374-o, 1375-o, 1376-o, 1377-o, 1378-o, 1379-o, 1380-o, 1381-o, 1382-o, 1383-o, 1384-o, 1385-o, 1386-o, 1387-o, 1388-o, 1389-o, 1390-o, 1391-o, 1392-o, 1393-o, 1394-o, 1395-o, 1396-o, 1397-o, 1398-o, 1399-o, 1400-o, 1401-o, 1402-o, 1403-o, 1404-o, 1405-o, 1406-o, 1407-o, 1408-o, 1409-o, 1410-o, 1411-o, 1412-o, 1413-o, 1414-o, 1415-o, 1416-o, 1417-o, 1418-o, 1419-o, 1420-o, 1421-o, 1422-o, 1423-o, 1424-o, 1425-o, 1426-o, 1427-o, 1428-o, 1429-o, 1430-o, 1431-o, 1432-o, 1433-o, 1434-o, 1435-o, 1436-o, 1437-o, 1438-o, 1439-o, 1440-o, 1441-o, 1442-o, 1443-o, 1444-o, 1445-o, 1446-o, 1447-o, 1448-o, 1449-o, 1450-o, 1451-o, 1452-o, 1453-o, 1454-o, 1455-o, 1456-o, 1457-o, 1458-o, 1459-o, 1460-o, 1461-o, 1462-o, 1463-o, 1464-o, 1465-o, 1466-o, 1467-o, 1468-o, 1469-o, 1470-o, 1471-o, 1472-o, 1473-o, 1474-o, 1475-o, 1476-o, 1477-o, 1478-o, 1479-o, 1480-o, 1481-o, 1482-o, 1483-o, 1484-o, 1485-o, 1486-o, 1487-o, 1488-o, 1489-o, 1490-o, 1491-o, 1492-o, 1493-o, 1494-o, 1495-o, 1496-o, 1497-o, 1498-o, 1499-o, 1500-o, 1501-o, 1502-o, 1503-o, 1504-o, 1505-o, 1506-o, 1507-o, 1508-o, 1509-o, 1510-o, 1511-o, 1512-o, 1513-o, 1514-o, 1515-o, 1516-o, 1517-o, 1518-o, 1519-o, 1520-o, 1521-o, 1522-o, 1523-o, 1524-o, 1525-o, 1526-o, 1527-o, 1528-o, 1529-o, 1530-o, 1531-o, 1532-o, 1533-o, 1534-o, 1535-o, 1536-o, 1537-o, 1538-o, 1539-o, 1540-o, 1541-o, 1542-o, 1543-o, 1544-o, 1545-o, 1546-o, 1547-o, 1548-o, 1549-o, 1550-o, 1551-o, 1552-o, 1553-o, 1554-o, 1555-o, 1556-o, 1557-o, 1558-o, 1559-o, 1560-o, 1561-o, 1562-o, 1563-o, 1564-o, 1565-o, 1566-o, 1567-o, 1568-o, 1569-o, 1570-o, 1571-o, 1572-o, 1573-o, 1574-o, 1575-o, 1576-o, 1577-o, 1578-o, 1579-o, 1580-o, 1581-o, 1582-o, 1583-o, 1584-o, 1585-o, 1586-o, 1587-o, 1588-o, 1589-o, 1590-o, 1591-o, 1592-o, 1593-o, 1594-o, 1595-o, 1596-o, 1597-o, 1598-o, 1599-o, 1600-o, 1601-o, 1602-o, 1603-o, 1604-o, 1605-o, 1606-o, 1607-o, 1608-o, 1609-o, 1610-o, 1611-o, 1612-o, 1613-o, 1614-o, 1615-o, 1616-o, 1617-o, 1618-o, 1619-o, 1620-o, 1621-o, 1622-o, 1623-o, 1624-o, 1625-o, 1626-o, 1627-o, 1628-o, 1629-o, 1630-o, 1631-o, 1632-o, 1633-o, 1634-o, 1635-o, 1636-o, 1637-o, 1638-o, 1639-o, 1640-o, 1641-o, 1642-o, 1643-o, 1644-o, 1645-o, 1646-o, 1647-o, 1648-o, 1649-o, 1650-o, 1651-o, 1652-o, 1653-o, 1654-o, 1655-o, 1656-o, 1657-o, 1658-o, 1659-o, 1660-o, 1661-o, 1662-o, 1663-o, 1664-o, 1665-o, 1666-o, 1667-o, 1668-o, 1669-o, 1670-o, 1671-o, 1672-o, 1673-o, 1674-o, 1675-o, 1676-o, 1677-o, 1678-o, 1679-o, 1680-o, 1681-o, 1682-o, 1683-o, 1684-o, 1685-o, 1686-o, 1687-o, 1688-o, 1689-o, 1690-o, 1691-o, 1692-o, 1693-o, 1694-o, 1695-o, 1696-o, 1697-o, 1698-o, 1699-o, 1700-o, 1701-o, 1702-o, 1703-o, 1704-o, 1705-o, 1706-o, 1707-o, 1708-o, 1709-o, 1710-o, 1711-o, 1712-o, 1713-o, 1714-o, 1715-o, 1716-o, 1717-o, 1718-o, 1719-o, 1720-o, 1721-o, 1722-o, 1723-o, 1724-o, 1725-o, 1726-o, 1727-o, 1728-o, 1729-o, 1730-o, 1731-o, 1732-o, 1733-o, 1734-o, 1735-o, 1736-o, 1737-o, 1738-o, 1739-o, 1740-o, 1741-o, 1742-o, 1743-o, 1744-o, 1745-o, 1746-o, 1747-o, 1748-o, 1749-o, 1750-o, 1751-o, 1752-o, 1753-o, 1754-o, 1755-o, 1756-o, 1757-o, 1758-o, 1759-o, 1760-o, 1761-o, 1762-o, 1763-o, 1

[The voices of African poets. Translated from the English and French] Otkrytiye afrikanitskikh poslov. [Moskva, "Khudozh. lit.," 1968] 28 p.

64 Russian literature

Belaire, Honoré de. [Coback. Translated from the French] Obozret. Moskva, "Det. lit.," 1968. 64 p.

Claudel, Paul. [Annunciation Day. Translated from the French] Blagovest' Marii. Pereklad i vstupnaya statiya Maryi Kalytovskoi. Muzich, "Na hori," 1968. 87 p. (Cot)

[A crazy summer. Young writers of Russia. Verse and prose] Shal'nos leto. Molodye pisateli Rossii. Stiki i prosa. [Moskva, "Mol. gvardia," 1968] 197 p.

[I write your name, Freedom. French poetry of the Age of Resistance] IA pisnu tvoe imya, Svoboda. Frants. poezia epokhi Soprotivleniya. Moskva, "Khudozh. lit.," 1968. 31 p.

Milaš, Aurel. [Night echoes. Translated from the Romanian] Nochnoi ešeho. Moskva, Voenizdat, 1968. 286 p.

[Literary sketches. A literary and artistic collection] Literaturnyi skizh. Lit.-khudozh. sbornik. Kishinev, "Moldova sovetskaya," 1968. 365 p.

Obolenskiy, D.D. [French sketches. Sketches] Frantsuzskii skizh. Ocherki. Moskva, "Mol. gvardia," 1968. 378 p.

Proskurnikov, T.B. [French antithesis. (The 50's and 60's)] Frantsuzskaya antiteza. (50-60-e gody). Moskva, "Vyssh. shkola," 1968. 104 p.

[Stranger and the unknown. Stories. Translated from the Russian] Lito i vraga. Rasskazy. Moskva, "Khudozh. lit.," 1968. 287 p.

[The voices of African poets. Translated from the English and French] Otkrytiye afrikanitskikh poslov. [Moskva, "Khudozh. lit.," 1968] 28 p.

67 Classical literature (Latin and Greek)

[Bibliotheca of Byzantine literature of the 4th-6th centuries] Biblioteka vizantiyskoy literatury IV-VI vekov. Moskva, "Mol. gvardia," 1968. 360 p.

68 Soviet and Baltic literature

[Soviet literary life] Sovetskaya literaturnaya zhizn'. Leningrad, "Mol. gvardia," 1968. 383 p.

69 Russian literature

Aleksandrov, N.S. [Pushkin's life and work]. [Chronicle of the Pushkin Council, 1968] Vremennik Pushkinskogo komiteta, 1968. Leningrad, "Mol. gvardia," 1968. 83 p.

Akhmatova, L.I. [Indrik the animal] Indrik-zver'. [Moskva, "Mol. gvardia," 1968] 73 p.

Belyakov, S.A. [Thirteen years. Tales and stories] "Tridtsat' let. Povesti i rasskazy. Moskva, "Det. lit.," 1968. 270 p.

Bek, A.A. [Poetical prose. Letters, diaries, encounters, notes, observations] Poeticheskaya prosa. Pis'ma, dnevnik, vstrechi, znaniya, molitvennyye. Moskva, "Mol. gvardia," 1968. 283 p.

Besposhchadnyy, P.G. [The stone lyra. Verse] Kamennaya lira. Stikhotvoreniya. Kiev, "Dnipro," 1968. 167 p.

Brachin, L.A. [The magician's bag] Sumka volchebnykh. Leningrad, Leningrad, 1968. 304 p.

Chernykh-Dudko, N.L. [The control strip. Tales] Kontrol'nyy polos. Povest. Kiev, "Dnipro," 1968. 430 p.

Chukha, L.A. [Verse] [Stikhi. Predl. A. Mikhov. Novosibirsk. Zap.-Sib. kn. izd., 1968. 203 p.

Chivchikova, V.A. [Hello, Mama! A true story] Zdravstvuyte, mama! Povest'-by'. Moskva, "Det. lit.," 1968. 111 p.

[Czech-Russia and Soviet-Russia literary relations. (From the end of the 18th to the beginning of the 20th century)] Chekhovskoye i slovensko-rossiyskoye literaturnye otnosheniya. (Kone XVIII - nachalo XX v.) Moskva, "Mol. gvardia," 1968. 478 p.

Danilov, S.P. [Pink stories] Rozovaya. Rasskazy. Moskva, "Sov. pisatel'," 1968. 198 p. (IU)

Def, D.L. [A gray, brown and crimson landscape] Seroburo-rusovoye proshchaniye. Leningrad, "Det. lit.," 1968. 16 p.

Dobrovolskiy, M.I. [Armed with laughter] Oruzhie smeyaniya. Alma-Ata, "Kazakhstan," 1968. 17 p.

[Do you remember, comrade... Ty pomniš', tovarishch... Moskva, Voenizdat, 1968. 303 p.

Dolbick, F.V. [Believe in me] Pover' v menya. Leningrad, Leningrad, 1968. 84 p.

Drozdov, V.K. [Childhood friend] Drug detstva. Moskva, "Det. lit.," 1968. [18] p. (C)

Drozdov, P.L. [Northern flowers] Severnye tsveti. Sov. M. A. Antropovskiy. Novosibirsk, Zap.-Sib. kn. izd., 1968. 111 p.

Dobryj, I.M. [The position of the writer. (The ideological and emotional evaluation of life in our literature)] Pozitsiya pisatelya. (Ob ideino-emotsional'noy otsenke zhizni v nauchno-literaturnoy). Moskva, "Kazakhstan," 1968. 44 p. (Novosibirsk, Kazakhstan. Seriya "Literatura." 9).

Dudal, Mir. [Where the roads lead. A novel. Yesterday and today. Stories] Kuda vedet vedet dorogi. Roman. - Vchera i segodnya. Rasskazy. Moskva, "Sov. pisatel'," 1968. 406 p.

Ermolov, V.P. [Legend of Salca] Legenda o Salca. Kyzyl, Tsvetnoye kn. izd., 1968. 95 p. (DNI) (NIC)

Falchikov, I.Y. [Gosvostorm of poplars] Topolnaya vostochnaya. Moskva, "Kazakhstan," 1968. 47 p. (Novosibirsk, Kazakhstan. Seriya "Literatura." 8).

Fedorovskiy, E.P. [There you will hear the eagle's cry. ...] Otkrytiye afrikanitskikh poslov. Moskva, "Mol. gvardia," 1968. 144 p.

Fedorov, S.P. [Gauze radiation] Gauze-radiatsiya. Novosibirsk, Zap.-Sib. kn. izd., 1968. 87 p.

Feychik, L.B. [Personal belongings of A.S. Pushkin. (From the collection of the A.S. Pushkin All-Union Museum)] Lichnyye veshchi A.S. Pushkina. (Iz sobraniya Vsesoyuznogo muzeia A.S. Pushkina). Leningrad, "Sov. khudozhnik," 1968. 78 p.

Golovinskiy, V.V. [Come to us, come, Talas] Ty prikhodi k nam, prikhodi. Povest. Leningrad, "Det. lit.," 1968. 180 p.

Gorod, G.B. [A soldier's book] Soldatskaya knizhka. Leningrad, "Det. lit.," 1968. 41 p.

Gorodovskiy, V.G. [Ah and Oh] Ahi i Ohi. Moskva, "Sov. Mestnaya," 1968. [43] p.

[Gorodovskiy and Talas] Gorodovskiy i Talas. Iakutsk, Iakutskiy khudozhnik, 1968. 184 p.

Gorodovskiy, V.G. [White angel in the field. ... A tale of soldiers and comrade] Belyy angel v pole... Povest' o soldatakh i tovarishchakh. Moskva, "Det. lit.," 1968. 96 p. (Roman-pustelka, no. 22 (1968)).

Gubina, Andriya. [Pallas Athena] Atina pallada. Stavropol', Kn. izd., 1968. 293 p. (DNI) (NIC)

[Izvestiya, Krasnaya]. [The time of our maturity. We have returned from the war] Vremya nashei zrelosti. - My prišli s voyn. Leningrad, Leningrad, 1968. 406 p.

Kabanov, B.A. [Good sea. Lyrics and satire] Dobroe mornye. Lyrika i satira. Leningrad, "Khudozh. lit.," 1968. 243 p. (SNO)

Kia, V.P. [On the other side. A novel] Po tu storonu. Roman. Kazanov, Kn. izd., 1968. 188 p.

Kirillov, G.I. [A village true story. A tale. - The sound of Lake Ilmen. A tale] Prirochitskaya byl'. Povest'. - Zvuk Il'mena. Povest'. Moskva, "Mol. rabochi," 1968. 338 p.

[The "Korshak" of the 60's] Korshak 60-ikh godov. Moskva, "Sov. Rossiya," 1968. 205 p.

Korshak, K.M. [Tale of a son] Povest' o syna. Moskva, "Det. lit.," 1968. 207 p.

Korshak, V.A. [Spring and autumn] Vesny i oseni. [Moskva, "Mol. gvardia," 1968. 110 p.

Kotlov, B.I. [Good ocean. Verse] Dobryy okean. [Stikhi. Kharkov] "Prapor," 1968. 148 p. (DNI) (IU) (NIC)

Kotov, V.P. [The pulse of time. Verse] Pul's vremeni. Stikhi. Moskva, "Pravda," 1968. 30 p. (Dobrota "Goskiz." no. 4).

Kovalev, B.K. [Selected lyrics] Izbrannaya lyrika. Moskva, "Mol. gvardia," 1967. 31 p. (NIC)

Kovalev, L.I. [Forever great. The Great Patriotic War in Soviet Russian prose] Vsego velika. Velika Otechestvennaya voina v russkoy sovetskoy proze. Moskva, "Kazakhstan," 1968. 63 p. (Novosibirsk, Kazakhstan. Seriya "Literatura." 7-8).

Krasnitskiy, Y.I. [Quartermaster of the revolution. A tale about Alexander Trilupa] kvartirnyy revolyutsii. Povest' ob Aleksandre Trilupa. [Moskva, Politizdat, 1968]. 244 p.

Krestovskiy, A.A. [Six on the wall] Shish na stenu. Leningrad, "Det. lit.," 1968. 46 p.

Lavrenko, A. [Belinskii, Chernyshevskii, and Dobrovolskiy in struggle for realism] Belinskii, Chernyshevskii, Dobrovolskiy v borbe za realizm. Izd. 2-a. Moskva, "Khudozh. lit.," 1968. 388 p.

Lavrov, V.I. [The silver anise. Tales] Serebrnyye anisi. Povesti. [Dnepropetrovsk, "Dnipro," 1967]. 188 p.

Lavrovskiy, M.I. [Hero of our times] Gerol nashago vremeni. With an introduction, notes, and vocabulary by D.J. Richards. London, British Books, [1967]. 187 p. (OCI)

[Little eagle, little eagle... Orizok, orizok... Moskva, "Det. lit.," 1968. 240 p.

[M. Gor'ki and literature of the West outside the U.S.S.R.] M. Gor'ki i literaturnyy mir vostochnogo vostoka. Sbornik statei. Moskva, "Mol. gvardia," 1968. 243 p.

Makarovskiy, V.V. [Vladimir Il'ich Lenin. Moscow, "Progress," 1967]. 24 p. [Parallel texts in Russian and English].

Marantsev, V.G. [Biography of the author in the system of aesthetic education of schoolchildren. 1. Unit for teachers] Biografiya pisatelya v sisteme esteticheskogo vospitaniya shkol'nikov. Posobie dlia uch. Leningrad, "Prosvetshchik," 1968. 73 p. (NIC)

Merkov, S.M. [Those who march toward summer. Historical and biographical tale] Ikh shag k vsemu. Ist.-biogr. povest'. Moskva, "Sov. pisatel'," 1968. 378 p.

[May the sun always shine. Stories, sketches, verse about the Soviet Army] Khob vsego bylo solntsa. Rasskazy, ocherki, stiki o Sovetskoy Armii. [Mol. gvardia], 1968. 407 p.

[Mikhail Evgenyevich Saltykov-Shchedrin in portrait. Illustrations, documents] Mikhail Evgenyevich Saltykov-Shchedrin v portretnykh, illiustratsionnykh, dokumentnykh. Sov. V.N. Baskakov, Pod red. E.I. Pokrasova. Leningrad, "Prosvetshchik," 1968. 3

Mikhailov, A.V. [I dream...] Spornik... [Moskva, "Mol. gvardia," 1968. 223 p.

Mikhov, V.V. [Uncle Stepa] Dida Stepa. Mosk. "Mol. gvardia," 1968. [37] p. (MGI)

Mikhov, G.B. [Birthday. Verse] Dni' rozhdo. Stikhi, Kharkov, "Prapor," 1968. 30 p. (DNI) (IU) (NIC)

Mikhov, K.I. [Universal conversationalists. A book of riddles and questions] Vseobshche znayushchie. Voprosnik. Moskva, "Sov. pisatel'," 1968. 4

[Model of the perception of speech by man] Model' vospriyatiya rechi cheloveka. Novosibirsk, "Mol. gvardia," 1968. 60 p.

Morozov, V.T. [Thoughts on virgin land] Dumi o tsvet. Moskva, "Mol. gvardia," 1968. 280 p.

Moskva, M. Gor'kiy, Kazan', [A guidebook] Priruchnik. Kazan', Kazanskoye, 1968. 70 p.

Muravskiy, V.I. [Great sea-captain. A tale] Vell godovostnyy. Povest'. [Moskva, "Mol. gvardia," 1968. 280 p.

[The nation glorify Lenin. A repertoire and topical collection] Lenina shagat narodu. Repertorniye i aktual'nyye skizhi. Moskva, "Sov. Rossiya," 1968. (B-ka "V pomoshch' khudozh. samostoyatel'nosti," no. 23).

Muravskiy, M.A. [Verse. - Who is happy in Russia] Stikhotvoreniya. - Kto na Rusi shchast'lyv. Moskva, "Det. lit.," 1968. 287 p.

Muravskiy, V.M. [For those seeking life. A sketch of the work of L.F. Voronovskiy] V shchast'lyvost'. Ocherk tvorchestva L.F. Voronovskiy. Moskva, "T. lit.," 1968. 180 p.

Muravskiy, G.M. [A thorny beauty. Collection of 1. Kolchakova knizhka. Sbornik stikhov. Leningrad, "pisatel'," 1968. 71 p.

Muravskiy, G.M. [Dik from Mo. 18 Minsheya 88. On a small island. Tales] Dik s 18-1 Minsheya. Na malen'kom ostrove. Povest. Moskva, "Det. lit.," 1968. 438 p.

Ostrov, E.I. [Discovering Russia] Poznaniye Rossii. Moskva, "Mol. rabochi," 1968. 311 p.

[The path to artistic truth. Articles on modern Soviet prose] Puti k khudozhestvennoy pravde. Stiki o sovetskoy proze. Leningrad, "Sov. pisatel'," 1968. 418 p.

Petrov, S.M. [The great Russian writer L.S. Turgenev. On the 100th anniversary of his birth] Volkov ruskiy pisatel' L.S. Turgenev. K 100-letiyu so dnia rozhdo. Moskva, "Kazakhstan," 1968. 47 p. (Novosibirsk, Kazakhstan. Seriya "Literatura." 8).

[Poetry. An album] Poetika. Al'bom. [Moskva, "Mol. gvardia," 1968. 204 p.

[Poets of the 1960's] Poety 1960-ikh godov. Vstupit. stikhi, podgot. teksty i primoch. L.G. Lashin. Leningrad, "Sov. pisatel'," 1968. 763 p.

Pogorelov, B.I. [A ship of an unknown course] Dirlidol' nezvestnogo napravleniya. Paris, 1968. 62 p. (CIY) (IU) (MGI) (NIC)

Pogorelov, A.S. [Tales of the deceased Ivan Petrovich Belkin] Povesti pokojnogo Ivana Petrovicha Belkina. Leningrad, "Khudozh. lit.," 1968. 98 p.

Pogorelov, B.D. [Ovary] Ovary. Moskva, "Mol. gvardia," 1968. 94 p. (Dnepropetrovsk, "Dnipro").

Pogorelov, L.I. [From the ADC. Stories about Soviet military leaders] Frostovye stikhi. Rasskazy i sovetskikh polkovoditskh. Leningrad, "Det. lit.," 1968. 119 p.

Pogorelov, V.G. [Money for Maria. A tale and story] Den'gi dlia Marii. Povest' i rasskazy. [Moskva, "Mol. gvardia," 1968. 280 p.

[Pogorelov, V.G. Izd. podgot. V.V. Mikhovskiy. grad, "Mol. gvardia," 1968. 280 p.

Pogorelov, A.A. [Bad table talk] Krasnoe maslo. [Vologda, Severo-Zapadnoye kn. izd., 1968. 187 p. (MGI) (IU) (NIC)

Pogorelovskiy, L.M. [Two lamps of sugar. Tales stories] Dva lampy sakhara. Povesti i rasskazy. Dnepropetrovsk, ["Promis"], 1968. 199 p.

- Russian literature at the end of the 19th and beginning of the 20th century. The 1880's? Russian literature. Issues XIX - volume XX v. Devianovskiy body. Moscow, "Nauka," 1966. 602 p.
- [Russian poets. An anthology. In 4 volumes] Bratskaya poetry. Antologiya. V 4 kn. (Moskva, "Det. lit.") T. 4. 1966. 614 p.
- Shayov, B. M. [Sketch of his poetry] Skizhki poezii. (Ocherk poezii). Moskva, "Khudozh. lit." 1962. 101 p.
- Shayov, B. M. [Three dear crossings] Tri otenkikh perekhodov. Moskva, "Pravda," 1962. 40 p. (Biblioteka "Opus," no. 31).
- Shchegolev, M. I. [They seized the Reichstag. A secondary tale] Oni brali Reikhsdag. Doka. povest'. Moskva, Voenizdat, 1968. 180 p.
- Shcherba, V. S. [The lady warblers. Tales and stories] Zapravki strukov. Povesti rasskazy. (Leningrad, "Sov. pisatel'," 1966) 530 p.
- Shchegolev, A. I. [Woodcocks over a prison. A tale about N. Fedoseev] Val'dzhonyay nad t'sar'skoi. Povest' o N. Fedoseev. (Moskva, Politizmat, 1968). 418 p.
- Shchegolev, M. V. [The new autumn. (New verse)] Molodoe leto. (Novye stikhi). Moskva, "Sov. pisatel'," 1966. 62 p.
- Shchegolev, A. A. [What kind of jokes are these?] Chto za shutki? Leningrad, "Det. lit.," 1966. 13 p.
- Shchegolev, B. L. [Under the midnight sun. Stories] Pod polnochnym solntsem. Rasskazy. Moskva, "Pravda," 1966. 44 p. (Biblioteka "Opus," no. 50).
- Shchegolev, V. M. [Byliny of Siberia] Byliny Sibiri. Tozsk, Izd. Tomskogo un-va, 1944. 420 p.
- Shchegolev, P. G. [Four humble servants. Farfetched. The archer] Vash polnomy sluzh. - Farfetched. - Strik i loza. Moskva, "Sov. pisatel'," 1966. 527 p.
- Shchegolev, N. V. [Children. Stories for adults] Deti. Rasskazy dlia vroslykh. (Gor'kii), Volg-Viat. kn. izd., 1948. 160 p.
- Shchegolev, L. I. [A passage of truth. Stories] Predvestie lety. Rasskazy. Moskva, "Sov. pisatel'," 1966. 203 p.
- Shchegolev, A. P. [A. I. Krtal', a writer of the 1880's. A sketch of his life and work] A. I. Krtal', pisatel' - vos' midsel'nik. Ocherk zhizni i tvorchesva. Alina-A. "Nauka," 1964. 183 p.
- [The stage] Strada. Moskva, "Sov. Rossia." (B-zhka "V pomoshch' khudozh. samodeiatel'nost'." No. 20). Vyp. 2. [A slab of the merry and resourceful] Khab veselykh i smekhatel'skikh. 1966. 58 p.
- Shchegolev, B. G. [Selected works. Reminiscences and journalism] Izbrannye proizvedeniya. Vospominaniya i publititsistika. Moskva, "Nauka," 1968. 480 p.
- Shchegolev, O. M. [Twenty-four hours a day. Comedy in eleven episodes] Dvudsiat' chetyre chasa v sudit. Komedia v odnadtsati epizodakh. Moskva, "Iskusstvo, 1962. 70 p.
- (MOC)
- Shchegolev, V. M. [How the wars come to an end] Kak konchatsya volny. Moskva, Voenizdat, 1968. 226 p.
- [Sunny wind] Solnchitsy vlet. Moskva, "Pravda," 1968. 78 p. (B-zhka "Komsomol'skoi pravdy," No. 6).
- Shchegolev, G. A. [Hush willow. A tale] Devyat' val. Povest'. Moskva, "Sov. pisatel'," 1962. 404 p.
- (CLU)
- Shchegolev, V. A. [Splitting all deaths... A tale] Vsem smert'no... Povest'. Moskva, "Sov. pisatel'," 1967. 150 p.
- Tolstoy, A. M. [Nikita's childhood] Bolshoy Nidly. Moskva, Delits, 1962. 187 p.
- (MOC)
- Tolstoy, A. M. [Peter the First. A novel] Petr Pervyi. Roman. Moskva, "Pravda," 1968. 744 p.
- Vasnetsov, M. P. [In search of a friend] V poiskakh druga. Leningrad, "Khudozh. lit.," 1962. 607 p.
- Vasnetsov, X. A. [Experience. Lyrics] Opyt. Lirika. Moskva, "Mol. gvardia," 1964. 108 p.
- Vasnetsov, A. A. [All's Eridana. A collection of science fiction stories] Al'sa Eridana. Sbornik nauchno-fantasticheskikh rasskazov. (Moskva, "Mol. gvardia," 1960. 200 p.
- (OrU)
- Vasnetsov, E. M. [The swallow] Laskovaya. Leningrad, "Det. lit.," 1962. 40 p.
- Vasnetsov, S. V. [Against heaven on earth. A poem] Proty neba na zemle. Poema. Moskva, "Sov. pisatel'," 1964. 87 p.
- Vasnetsov, D. S. [The Caucasus in Russian literature of the 1830's. Stories] Kavkaz v russkoi literature 30-kh godov XIX veka. Ocherki. (Gronay), Chetvero-buzhskoe kn. izd., 1966. 183 p.
- (CRU) (MOC)
- Vasnetsov, M. I. [Photograph of Archimedes] Fotografija Arkhimida. Leningrad, "Det. lit.," 1962. 143 p.
- Vasnetsov, I. U. T., and A. A. Vasnetsov. [Mishka Mishkovich's adventures. Two strange stories on the adventures and misadventures of an exemplary boy, outstanding student, and activist] Krutik Mishka Mishkovich. Dve uditel'skiye istorii o prichinakh i slukhacheskikh primarnykh mial'chika, otlikovkha i aktivista. Moskva, "Sov. Rossia," 1964. 180 p.
- Vasnetsov, M. I. [At the frontiers of fire. A documentary tale] Na ogranichakh rubezhach. Doka. povest'. 2-a dop. izd. Gor'kii Volg-Viat. kn. izd., 1968. 240 p.
- Vasnetsov, M. I. [The heart of my friend. A novel. Translated from the Ukrainian] Serdce moego druga. Roman. Moskva, "Sov. pisatel'," 1964. 422 p.
- Vasnetsov, V. T. [Swiss fly book. Stories] Lebedi letat' na plavne. Opydovaniya. Kharkiv, "Prapor," 1966. 205 p.
- (TU) (MOC) (MOC)
- Cherni, Hanna. [Little brother and sister] Brat i sestra. Chicago, Hak. Ukrain'sko-amerikans'koi vyd. spitsky, 1960. 92 p.
- (TU)
- Cherni, L. I. [Verse and poems. Translated from the Ukrainian] Shchegolevskiy poezii. Vshp. stikhi A. Bolotnogo. Sest. A. Gerasimova. Red. porovody M. Brusna i A. Prokof'eva. Prinech. V. Shchegolevskogo-Puskova. Leningrad, "Sov. pisatel'," 1964. 681 p.
- Khodovskiy, G. Y. [The other side of the medal. Remarks on the marriage of I. Shchegolev's book "In the public service" published by the "Ukrainian Free Community" in America in 1946] Dva storony medal. (Zavvay na marginesakh knizhky I. Shchegoleva "Na narodnii shchegolev" vydanoy "Ukrains'koy vil'noye hromadenstvo" v Ameriky v 1946 r.) [Chicago], 1964. 66 p.
- (COTU) (COC)
- Moroz, A. T. [Somebody else's sweetheart. A novel] Chyia zhennina. Roma. Kyiv, "Rad. pys'mennyk," 1960. 214 p.
- (TU) (MOC) (MOC)
- Shchegolev, T. H. [Catherine. Maid. Poems. Translated from the Ukrainian] Katerina. - Maid. Poema. Poemy. Moskva, "Khudozh. lit.," 1964. 88 p.
- (MOC) (MOC)
- Shchegolev, T. H. [Tribes] Blyumata. Whispag. Vydavchak spitsky Trymb, 1966. 147 p.
- (MOC)
- Shchegolev, Petro. [Danylo Vyryva. A tale] Danylo Vyryva. Povest'. Bessno Alrov, 1966. 278 p.
- (TU)
- Kuznetsov, Mykola. [As long as mothers live in our hearts. Poetry] Dly v serdci shchegolev' serdci. Poema. Kharkiv, "Prapor," 1964. 30 p.
- (TU) (MOC)
- Kuznetsov, Mykola. [Materials of the Fifth Congress of Writers of the Soviet Ukraine] Materialy V'stka. Kyiv, Radnast'kyi pys'mennyk, 1967. 287 p.
- 364 Other Early Russian
- Andriy, Ivo. [A young lady. Translated from the Serbo-Croatian] Barystina. Roman. Moskva, Oostizdat, 1962. 120 p.
- (CLU)
- [Czech-Russian and Soviet-Russian literary relations. (From the end of the 18th to the beginning of the 20th century)] Cheshko-russkie i russko-russkie literaturnye otnosheniya. (Konec XVIII - nachalo XX v.) Moskva, "Nauka," 1964. 478 p.
- Andriy, Andriy. [Wild beavers. Translated from the Polish] Dyk baryst. Kyiv, "Molod'," 1962. 166 p.
- Andriy, Andriy. [Diary of an ashbero. Translated from the Polish] Dnevnik ashbera. Moskva, "Progress," 1966. 90 p.
- Andriy, Andriy. [Jarda, a guerrilla fighter. Translated from the Czech] Parthian Jarda. Moskva, "Det. lit.," 1962. 190 p.
- Andriy, Andriy. [Strange man. A tale. Translated from the Polish] Dyk. Povest'. Kyiv, "Molod'," 1966. 118 p.
- (TU)
- Andriy, Andriy. [Wade of a free will. Verse and poems. Translated from the Lithuanian] Vain vol'ego volia. Shchegolevskiy poezii. Moskva, "Sov. pisatel'," 1962. 240 p.
- [Dad and Mami. Stories of Latvian writers, participants in the revolution and the civil war] Para i mami. Rasskazy latysb. pisatel'ov, uchastnikov revoliutsii i grazhd. voly. (Moskva, "Khudozh. lit.," 1966) 288 p.
- 365 Other Indo-European
- [Abdulkhamid. Collection of articles: the epoch, life and works] Abdulkhamid Dsham. Shchegolevskiy shchegolevskiy i tvorchesvo. Dushanbe, "Trion," 1968. 210 p. [In Russian and Tajik]
- (MOC)
- Andriy, Andriy. [Many roads, many... A novel. Translated from the Armenian] Mnogo dorog, mnogo... Roman. Moskva, "Sov. pisatel'," 1968. 247 p.
- [The crossroads. A novel. Translated from the Hindi] Shchegolevskiy. Parikrestok. Roman. Moskva, "Progress," 1964. 307 p.
- [Book of similes, Dzhigol-mamah. Translated from the Persian] Kniga o prostodach Dzhigol-mamah. Moskva, "Mashin," 1966. 26 p.
- Oranovskiy, Yachagan. [For tomorrow] [Din savitashchego dila. Erevan, Armianskoe gos. izd., 1962. 64 p. (In Armenian)]
- (MOC)
- Vasnetsov, Yachagan. [Forgotten pictures. A novel. Translated from the Hindi] Shchegolevskiy. Roman. Moskva, "Khudozh. lit.," 1968. 282 p. illas.
- Vasnetsov, Yachagan. [Arats is a high mountain... So-called works] [Arats gora vysokaya... izbrannye proizvedeniya. Erevan, "Arats," 1968. (In Armenian)]
- (MOC)
- 366 Soviet Russian
- [The life and exploits of Astakh. (MOC) Astakh. Translated from the Arabic] Astakh i podvigi Astakh. (MOC) Astakh, Moskva, "Nauka," 1968. 488 p.
- 367 Ural-Altaic
- Andriy, Andriy. [Arslanovskaya. Stories. Translated from the Uzbek] Oostizmat. Rasskazy. Moskva, "Pravda," 1964. 47 p. (Biblioteka "Opus," no. 42).
- Andriy, Andriy. [Al

Shari, Agn. [Vagif, a singer of love and beauty. On the 25th anniversary of the birth of the Azerbaijani poet Molla-Parsa Vagif]. Vagif - poyets hubri i krasy. (K 250-letiiu so dnia rozhdeniya azerbajdzhanskogo poeta Molla-Parsa Vagifa). Moskva, "Znamie," 1964. 47 p. (Morse v khimii, nauka, tekhnika. Seriya "Literatura," 10).

Yaher, Lina. [Yehina Jule, Storeia. Translated from the Georgian] Kristian IURA, Remskoy. Moskva, "Sov. pisatel'," 1964. 254 p.

9046 Caucasian literature

[Abkhaz fairy tales] [Abkhazskaya skazki. Cherkassk, Stavropol'skoe kn. izd., 1968]. 104 p. [In Abkhaz] (MFI)

Chelika, Otar. [Infinity] [Beskonchnost'. Tbilisi, "Mekhiptsi," 1966]. 121 p. [In Georgian] (MFI)

Mitrokhin, G. E. [A word about Baratsashvili. Translated from the Georgian] Slovo o Baratsashvili. [Tbilisi, "Osnatoba," 1968]. 84 p.

[Youth of Georgia. Verse and poems. Translated from the Georgian] Molodost' Gruzii. Stikhi i poemy. Tbilisi, "Merani," 1968. 265 p.

9048 Sino-Japanese literature. Japanese. Korean

[Adventures of the cunning Alas and other fairy tales of Cambodia. Translated from the Khmer] "Pochinokskaya khronika Alasa" i drugie skazki Khambodzhiki. Moskva, "Dachnaya lit.," 1967. 234 p.

Buts, Yoshio. [From the depths of the story sea. A novel. Translated from the Japanese] Iz glubiny beskonchnogo mornia. Roman. Moskva, "Dachnaya lit.," 1964. 384 p.

[Poetry delivers fire. Frontline verse of Vietnamese poets] Poesia vedet ogn'. Frontovyye stikhi poetov Vietnam. Moskva, "Yevropeika," 1968. 100 p.

9049 African literature

Prokhorov, S. V. [Literature of Morocco and Tunisia] Literatura Marokko i Tunisa. Moskva, "Vyssh. shkola," 1968. 81 p.

B. GEOGRAPHY. BIOGRAPHY. HISTORY

910 General studies. Accounts of travels, expeditions, etc.

Redin, L. E. [In southern countries] Po lutykh stranam. Moskva, "Mysl'," 1966. 267 p.

Smolodov, V. A. [Amateur motion-picture photographer and traveler] Khobobshchik putestvestvenik. Izd. 2-e, ispr. Moskva, "Yevropeika," 1968. 78 p.

910(474.3)—Latvia S. S. R.
Velis, K. A., and P. A. Kallik. [A trip through the Latvia S. S. R.] Putestvestvie po Latvii. 1968. Moskva, "Trikh" i sport, 1968. 104 p. (Po rodnym prostranstvam)

910(475)—White Russian S. S. R.

Grishchuk, V. B. [Travels of our fellow countrymen. From the history of geography of White Russia] Putestvestviye nasikh zemel'nikov. In istorii stranovedeniya Belorussii. Minsk, ["Narukha i tekhnika"], 1968. 232 p.

910(477)—Ukrainian S. S. R.

Belosova, E. M., and A. E. Virsik. [Kherson-Azakhova Nova. A guidebook of recommended routes] Kherson-Azakhova-Nova. Muravyni putevoditel'. Odessa, "Machuk," 1968. 90 p.

910(4)—Africa

Livingston, David. [Last trip to Central Africa. Diaries he kept in Central Africa from 1854 to the day of his death. Translated from the English] Poslednee putestvestvie v Tsentral'nuyu Afriku. Dnevnik, kotorye on vel v Tsentr. Afriku s 1854 g. po den' smerti. Moskva, ["Mysl'"], 1968. 494 p.

911 General geography (physical, human, applied, etc.)

[Encyclopedic dictionary of geographic terms] Enciklopedicheskiy slovar' geograficheskikh terminov. Glav. red. S. V. Kalashnik. Moskva, "Sov. entsiklopediya," 1964. 427 p.

Turtin, V. I. [Proceedings of the 22d Scientific Moscow Conference. Biology, Geography, Geology] Materialy druzhnykh vtoroi smotrovoi studcheskoi konferentsii. Biologiya. Geografiya. Geologiya. Turtin, 1967. 73 p.

911(471.312)—Tula Province

Mal'gitsin, V. V. [Tula. A study in economic geography] Tula. Ekon.-geogr. obozr. Tula, Prikl. kn. izd., 1966. 81 p.

911(471.324)—Voronezh Province

Orlovskiy, G. T. [Voronezh Province. Economic geography] Voronezhskaya oblast. Ekon. geografiya. Voronezh, Izd. Voronezhskogo un-ta, 1967. 361 p.

911(477)—Ukrainian S. S. R.

[Physico-geographical regionalization of the Ukrainian S. S. R.] Fiziko-geograficheskoe razdeleniye Ukrainy. 1968. Pod red. V. P. Popova i dr. Kiev, Izd. Kievskogo un-ta, 1968. 363 p.

911(478)—Central Asia

[Central Asia] Srednaya Azia. Moskva, "Machuk," 1968. 484 p.

911(57)—Equatorial, South Central and East Africa

Golobchik, M. M. [The Federal Republic of Cameroon. Studies on the economic geography] Federalizatsiya Respubliki Kamerun. Ekon.-geogr. obozr. Moskva, "Mysl'," 1968. 318 p.

Lipata, I. O. [Countries of Southeastern Africa. Economic and geographical description of the countries of the Zambezi Valley (Zambia, Malawi, Mozambique, and Southern Rhodesia)] Strany Yugo-Vostochnoi Afriki. Ekon.-geogr. kharakteristika stran basseinov Zambesi (Zambii, Malavi, Mozambika, Iudun, Rodesi). Moskva, "Mysl'," 1968. 268 p.

911(58)—Southern Africa (including Rhodesia)

Lipata, I. O. [Countries of Southeastern Africa. Economic and geographical description of the countries of the Zambezi Valley (Zambia, Malawi, Mozambique, and Southern Rhodesia)] Strany Yugo-Vostochnoi Afriki. Ekon.-geogr. kharakteristika stran basseinov Zambesi (Zambii, Malavi, Mozambika, Iudun, Rodesi). Moskva, "Mysl'," 1968. 268 p.

911(59)—Asterisks. South Polar regions

[Geography of Antarctica] Geografiya antarktidy. Moskva, "Mysl'," 1968. 438 p.

Yurich, M. G. [Mountains of an icy continent] Gory ledyanogo kontinenta. Moskva, "Znamie," 1968. 84 p. (Morse v khimii, nauka, tekhnika. Seriya "Machuk o Zemle," 4).

912 Maps, atlases, globes, etc.

[Archaeological monuments of Yamalo Province. Materials for an archaeological map] Arkheologicheskie pamiatniki Yamalo-Nenetskoi oblasti. Materialy k arkheologicheskoi karte. Leningrad, Vsesoyuznaya kn. izd., 1968. 83 p.

[Atlas of foreign countries. Course in economic geography. For secondary schools] Atlas stranovyei ekonom. kursa. Kurs ekon. geogr. Dlya sred. shkoly. [Moskva, OUGK, 1968]. 48 p.

[Atlas of the world] Atlas mira. 2. Izd. Moskva, 1967. 380 p.

(U)

Orlov, A. M., A. E. Zakharenko and G. M. Mitrokhin. [The Great October Socialist Revolution and the civil war in the U. S. S. R. An index of maps] Velikaya Oktobr'skaya sotsialisticheskaya revolyutsiya i grazhdanskaya voina v SSSR. Ukazatel' kart. Moskva, 1967. 104 p.

[Publication of maps] Izdaniye kart. Moskva, "Kedra," 1967. 223 p.

[Socio-economic maps in complex regional atlases] Sotsial'no-ekonomicheskie karty v kompleksnykh regional'nykh atlasekh. Pod red. K. A. Sushcheva i I. O. G. Sushcheva. Moskva, Izd. Mosk. un-ta, 1968. 168 p.

912(471.318)—Moscow City

[Plan of Moscow. Economic maps, index, and reference information] Plan Moskvy. Kartofolnyy, ukazatel' i spravochnaya sredstva. Moskva, "Mysl'," 1968. 118 p.

912(479.33)—Armenian S. S. R.

[Economic map and the map of hydroelectric formations of the Armenian S. S. R. (Explanatory notes)] Tekhnicheskaya karta i karta gidroelektricheskikh formirovaniy Armanskoi SSR. (Ob'ясnitel'. zapiski). Erevan, "Machuk," 1968. 73 p.

92 BIOGEOGRAPHY

—**Al-Mawad, A. B.**
Chelikhin, A. A. [Al-Mawad] Navol. Tashkent, "Uzbekistan," 1968. 30 p.

—**Alekseev, P. A.**
Korovin, D. P. [Red economy of the press] Krasnyi kontinental'nyi pechat. Muravyni, Prikl. kn. izd., 1968.

—**Aliev, A. A.**
Aliev, B. S. [Biography of the "The Nightingale"] Biografiya "Slovo." Moskva, "Sov. kompozitor," 1968. 84 p.

—**Antonovskiy, M. M.**
Lebedev, A. K., and G. K. Burkov. [Creative cooperation. M. M. Antonovskiy and V. V. Burkov] Tvorcheskoe dosugobstvo. M. M. Antonovskiy i V. V. Burkov. Leningrad, "Khudozhestvennyi" 1968. 110 p.

—**Artemov, A. B.**
Troshchik, G. M. A. B. Artemov. Moskva, "Machuk," 1968. 178 p.

—Baratsashvili, M. M.

Mitrokhin, G. E. [A word about Baratsashvili. Translated from the Georgian] Slovo o Baratsashvili. [Tbilisi, "Osnatoba," 1968]. 84 p.

—Bohr, M.

[Niels Bohr. His life and work. Translated from the Danish] Niels Bor. Zhizn' i tvorchestvo. Sbornik statei. Moskva, "Machuk," 1967. 344 p.

—Chapman, V. I.

Vorobey, D. A. Chapman. Moskva, "Pravda," 1968. 230 p.

—Chernyshev, A. A.

Aleksandr Alekseyevich Chernyshev. Vostok, stat'ya S. I. Zakharenko i V. K. Vorobeyev. Bibliogr. sost. V. K. Vorobeyev. Moskva, "Machuk," 1968. 49 p. (Materialy k bibliografiu chernysheva 1968. Seriya tekhn. nauch. doklady. Vyp. 4).

—Cherubini, W.

Trubnikov, V. G. [Wladimir Cherubini. A political biography] Wladimir Cherubini. Polit. biografiya. Moskva, "Mysl'," 1968. 479 p.

—Davidenko, A.

[Aleksandr Davidenko. Reminiscences. Articles, materials] Aleksandr Davidenko. Vospominaniya, stat'i. Materialy. Sost. M. Martynov. Leningrad, "Machuk," 1968. 184 p.

—Dostoevskiy, F. M.

[Bibliography of F. M. Dostoevskiy's works and the literature on him. 1877-1968] F. M. Dostoevskiy. Bibliogr. proizvedeniy F. M. Dostoevskogo i literaturno o nem. 1877-1968. Moskva, "Kniga," 1968. 407 p.

—Orlov, D. V.

[Diary of F. M. Dostoevskiy] Dnevnik pisatelya F. M. Dostoevskogo. [Melbourne, Australia], Old Ross. kn. i izd. Melburskogo Univ., [1968]. 270 p. (OIT) (MFI)

—Khastin, A.

[Khastin collection] Khastinskoye sbornik. Moskva, "Machuk," 1968. 277 p.

—Krasov, G.

[Georgiy Krasov. Reminiscences and biographical materials] Georgiy Krasov. Vospominaniya i biografiya. Sbornik materialov. Leningrad, "Machuk," 1968. 318 p. (MFI)

—Krasnitskiy, S. A.

Krasnitskiy, S. A. [About my friends and associates in cinematography and about myself] O drugakh - sotsialisticheskoye kino i o sebe. [Moskva, 1968]. 80 p.

—Krital, A. I.

Krasnitskiy, A. I. [A. I. Krital, a writer of the 1880's. A sketch of his life and work] A. I. Krital, pisatel' 1880-kh godov. Ocherk zhizni i tvorchestva. Almaz-Aiz, "Machuk," 1968. 123 p.

—Farsman, A. B.

Ferel'pov, A. I. Aleksandr Fyodorovich Farsman. Moskva, "Machuk," 1968. 265 p.

—Finogenov, I. A.

I. A. I. Finogenov, obitarny. Energiya 18 no. 11:38 M '68.

—Gagarin, YU.

Gagarin. [Moskva], "Mol. gvardiya," 1968. [80] p. (MFI)

—Glasnov, A. K.

Krylov, A. M. [Aleksandr Konstantinovich Glasnov, 1880-1930. A short sketch of his life and work. A book for young people] Aleksandr Konstantinovich Glasnov, 1880-1930. Krykly ocherk zhizni i tvorchestva. Knizhka dlya molodshykh. Moskva, "Machuk," 1968. 104 p. (MFI)

—Golobchik, A. B.

Zakharenko, V. S. [Anna Golobchik, sculptress and person] Anna Golobchik, skulptor i chelovek. Moskva, "Sov. Rossiya," 1964. 111 p. (MFI-FA)

—Janal, A.

[Abdolkhan Janal. Collection of articles: the epoch, life and work] Abdolkhan Janal. Sbornik statei: epokha, zhizn' i tvorchestvo. Dushanbe, "Trion," 1968. 210 p. [In Russian and Tajik] (MFI)

—Kamkov, Kh. B.

Pal'mov, M. M. [M. M. Pal'mov's letters to Kh. B. Kamkov] Pis'ma M. M. Pal'mova Kh. B. Kamkovu. Ekata, 1968. 100 p.

—Kamkov, M. F.

[Architectural material Fedorovich Kamkov. Catalog of the exhibition commemorating the 25th anniversary of his birth, 1938-1963] Arkhitektural'nyy material Fedorovich Kamkov. Katalog vystavki k 25-letiiu so dnia rozhdeniya, 1938-1963 gg. Moskva, 1963. 44 p. (MFI-FA)

—Kibrik, E. A.
[Kyrgei Adil'ovich Kibrik, people's artist of the R. S. F. S. R., laureate of the State Prize, member of the Academy of Arts of the U. S. S. R. On his 80th birthday. A eulogy] Kyrgei Adil'ovich Kibrik, narodnyi khudozhnik RSFSR, laureat Gosudarstvennoi premii, detevykh i zhenskikh khudozhestv 1939. K 80-letii so dnia rozhdeniia. Khilog. Moskva, "Sov. khudozhnik," 1960, 12 p.
(MIF-FA)

—Kolevskii, A. P.
Aleksandr Petrovich Kolevskii, 1868-1944. Moskva, "Muzika," 1960, 122 p.

—Krasikov, P. A.
[Krasikov, P. A., and G. M. Gindin. With Laska is his heart. (Peter Krasikov's life)] 8 Letnykh v serdtsie. (Zhizn' Petra Krasikova). Moskva, Polikladet, 1960, 263 p.

—Kryzhanovskii, V. V.
Kryzhanovskii, V. V. [Problems of socialist economics in V. V. Kryzhanovskii's works] Voprosy sotsialisticheskoi ekonomiki v rabotakh V. V. Kryzhanovskii. Tomsk, Izd. Tomskogo un-ta, 1961, 122 p.

—Kryzhanovskii, V. V.
Kryzhanovskii, V. V., V. M. Kryzhanovskii, and M. B. Perevalov. Krasnii i belyi kryzhanovskii. Moskva, Polikladet, 1960, 122 p.

—Laktionov, A. I.
Laktionov, A. I., Aleksandr Laktionov. Moskva, "Sov. khudozhnik," 1960, 200 p.

—Laktionov, A. I.
Laktionov, A. I., W. Laktionov and Russian culture. From the history of international scientific and cultural contacts. O. V. Laktionov i rossiiska kul'tura. Na istorii mezhdunar. svyaz. i kul'turnykh svyaz. Moskva, "Vysok. shkola," 1962, 48 p.

—Laktionov, A. I.
Laktionov, A. I., [Path to art] Put' k iskusstvu. Moskva, "Muzika," 1960, 212 p.

—Laktionov, A. I.
Laktionov, A. I., [My life and my art. Translated from the French] Moia zhizn' i moe iskusstvo. Leningrad, "Muzika," 1961, 164 p.

—Laktionov, A. I.
Laktionov, A. I., [Iron-willed division commander] Zhelaznyi komandir. Pervaia, Ka. izd., 1960, 147 p.

—Laktionov, A. I.
[Boris Grigor'evich Laktionov. (A collection of reminiscences and materials)] Boris Grigor'evich Laktionov. (Sbornik vospominanii i materialov). Brevan, "Alaska," 1960, 97 p.

—Laktionov, A. I.
Laktionov, A. I., [M. M. Laktionov's letters to Kh. B. Krasikov] Pis'ma M. M. Laktionova Kh. B. Krasikovu. Krasik, 1960, 100 p.

—Laktionov, A. I.
Laktionov, A. I., [Karus' and vo. An autobiography] Karus' i my. Avtobiografiia. Chikago, Mekl. avtor, 1960, 324 p.
(CAOTU) (MIFU)

—Laktionov, A. I.
Laktionov, A. I., [Associates of Petrashkevich] Petrashkevich. Leningrad, Leningrad, 1960, 48 p.

—Laktionov, A. I.
Laktionov, A. I., [Chronicle of the Pustkino Committee] Khronika Pustkino komiteta, 1960. Leningrad, "Muzika," 1960, 122 p.
Laktionov, A. I., [Personal belongings of A. S. Pustkino. (From the collections of the A. S. Pustkino All-Union Museum)] Lichnye veshchi A. S. Pustkina. (Iz sobraniia Vsesoiuznogo muzeia A. S. Pustkina). Leningrad, "Sov. khudozhnik," 1960, 78 p.

—Laktionov, A. I.
Laktionov, A. I., [M. M. Laktionov. (Ed. 8-8, 10 p., illus.)] Moskva, "Muzika," 1960, 10 p., illus.

—Laktionov, A. I.
Laktionov, A. I., [Selected letters. (Materials. Reminiscences)] Dobro utro! Dobro utro! Dobro utro! Vystavka. Vospominaniia. Red.-sovet, avt. vnutr. sdel' i prinyat. E. F. Brodskii. Leningrad, "Muzika," 1960, 222 p.

—Laktionov, A. I.
Laktionov, A. I., [Rudaki. Life and works] Rudaki. Zhizn' i tvorchestvo. Moskva, "Muzika," 1960, 212 p.

—Laktionov, A. I.
Laktionov, A. I., [The Slave and Rus'] Slava i Rus'. Moskva, "Muzika," 1960, 471 p.

—Laktionov, A. I.
[Problems of dynamic localization of cerebral functions. Collection of papers dedicated to A. A. Laktionov in connection with his 70th birthday] Problemy dinamicheskoi lokalizatsii funktsii mozga. Sbornik trudov, posviashch. A. A. Laktionovu v svyazi s 70-letii so dnia rozhdeniia. Moskva, "Meditsina," 1960, 320 p.

—Laktionov, A. I.
Laktionov, A. I., [Nov. kompozitor, " 1961. 538 p.

—Laktionov, A. I.
Laktionov, A. I., and G. M. Gindin. [Creative cooperation. M. M. Laktionov and V. V. Laktionov. Tvorcheskoe sotrudnichestvo. M. M. Laktionov i V. V. Laktionov. Leningrad, "Khudozhnik RSFSR," 1960, 110 p.

—Laktionov, A. I.
Laktionov, A. I., [Khazant in London. Translated from the English] V Londonokh khazant. Moskva, "Muzika," 1960, 447 p.

—Laktionov, A. I.
Laktionov, A. I., [Solyma and the third Duma] Solyma i tret'ia Duma. Moskva, "Muzika," 1960, 890 p.

—Laktionov, A. I.
Laktionov, A. I., [Krasnii Tshalman. Pages of his life and struggle] Krasnii Tshalman. Stranitsy zhizni i bor'by. Moskva, "Muzika," 1960, 304 p.

—Laktionov, A. I.
Laktionov, A. I., [Andrei Ushakov. Leningrad, "Khudozhnik RSFSR," 1961, 68 p.

—Laktionov, A. I.
Laktionov, A. I., [Vavilov's world of ideas] Mir Laktionova. Moskva, "Muzika," 1960, 61 p.
(Novoe v zhizni, nauke, tekhnike. Seriya "Vavilovskoe khozhoistvo," 1960, 61 p.)

—Laktionov, A. I.
Laktionov, A. I., [A. G. Werner. Outstanding internationalist. 1945-1967] A. G. Werner. Znamiennyyi pulekalog i geolog. 1945-1967. Leningrad, "Muzika," 1960, 128 p.

—Laktionov, A. I.
Laktionov, A. I., [Ancient history and culture of the Mediterranean and Black Sea regions. On the centenary of Academician S. A. Zhelezovskii's birth, 1867-1967] Antichnaia istoriia i kul'tura sredizemnomorskoi i priokaznomoiskoi. Sbornik statei. K stoletiiu so dnia rozhdeniia akad. S. A. Zhelezovskii. 1867-1967. Leningrad, "Muzika," 1960, 312 p.

83 HISTORY

830 [Historical sciences. Historical research. Collection and secondary sources]

830.471.831—Kalmuk A. S. B. R.
Kalmuk, A. S. B. R., [M. M. Laktionov's letters to Kh. B. Krasikov] Pis'ma M. M. Laktionova Kh. B. Krasikovu. Krasik, 1960, 100 p.

830.1 History as a science. Theory. Philosophy. Historiography
Mikhlin, G. V., [Historical and bibliographical review of sources for and literature on the modern history of China] Istoriia-bibliografiia sovetskoi istoriografii i literatury po novoi istorii Kitaiia. Leningrad, Izd. Leningr. un-ta, 1960, 104 p.

Ch. 2. [Soviet and Soviet literature on the modern history of China] Rossiiska i sovetskaiia literatura po novoi istorii Kitaiia. 1960, 61 p.

Vainikina, O. L., [History of Soviet studies of the Middle Ages, 1877-1960] Istoriia sovetskoi srednevekovskoi. 1877-1960. Leningrad, "Muzika," 1960, 434 p.

830.1(4)—Europe
[Historiography of the modern and recent history of Europe and America] Istoriografiia sovetskoi i novostekhai istorii stran Evropy i Ameriki. Moskva, Izd. Mosk. un-ta, 1960, 598 p.

830.1(433)—Federal Republic of Germany
Amsharov, V. I., [Present-day West German bourgeois historiography. Some problems of recent history] Sovremennaiia zapadnogermanskaia burzhuaznaia istoriografiia. Nekotorye problemy sovetskoi istorii. Moskva, "Muzika," 1960, 353 p.

830.1(7)—North America

[Historiography of the modern and recent history of Europe and America] Istoriografiia sovetskoi i novostekhai istorii stran Evropy i Ameriki. Moskva, Izd. Mosk. un-ta, 1960, 598 p.

830.1(8)—South America

[Historiography of the modern and recent history of Europe and America] Istoriografiia sovetskoi i novostekhai istorii stran Evropy i Ameriki. Moskva, Izd. Mosk. un-ta, 1960, 598 p.

830.22 Documentary sources

[Some problems in studying the historical documents of the 18th-early 20th century] Nekotorye voprosy izucheniia istoricheskikh dokumentov XIX - nachala XX v. Sbornik statei. Leningrad, Izd. Leningr. un-ta, 1961, 243 p.

830.22(31)—China

[Materials on the history of the Hsiang-shu. (Based on Chinese sources)] Materialy po istorii Hsiang-shu. (Po kitaiskim istochnikam). Moskva, "Muzika," 1960, 177 p.

830.22 Archaeology. Antiquities

830.22(471.318)—Ivanovo Province

[Archaeological monuments of Ivanovo Province. Materials for an archaeological map] Arkheologicheskie pamiatniki Ivanovskoi oblasti. Materialy k arkheologicheskoi karte. Iarovskii, Varkhne-Volkhovo kn. Izd., 1960, 63 p.
(MIF)

830.22(478)—White Russian S. S. R.

Ozerovskii, Y. D., R. M. Dubanovskii, and M. V. Malayevskii. [Ocherki po istorii Belorusskoi Sovetskoi Respubliki. Leningrad, "Muzika," 1960, 36 p.]

[Polesye (Linguistics. Archaeology. Toponymy)] Polesye. (Linguistika. Arkheologiya. Toponimika). Moskva, "Muzika," 1960, 303 p.

830.22(477.9)—Crimea

[Archaeological studies of the medieval Crimea] Arkheologicheskie issledovaniia srednevekovnogo Kryma. Kiev, "Mashynostroenie," 1960, 314 p.
Mikhlin, G. V., [Byzantine town of Mezopotamia. A guidebook] Mezopotamiia. Pervyi put' iz Mezopotamii. "Krym," 1960, 31 p.

830.22(478.3)—Mongolian People's Republic
Laktionov, A. I., and T. K. Zhelezovskii. [Dead city Khara-Khoto] Mervyi gorod Khara-Khoto. Moskva, "Muzika," 1960, 64 p.

830.22(478)—Near East

Zhelezovskii, V. I., [Secrets of the 18th century. Translated from the Russian] Tajnye khroniki. Pod red. V. V. Ivanova. Moskva, "Muzika," 1960, 128 p.

830.27 Epigraphy and paleography

830.27(471.8)—Northern Caucasus

[Epigraphic monuments of Northern Caucasus in Arabic, Persian, and Turkish] Epigraphicheskie pamiatniki Severnogo Kavkaza na arabshom, persidskom i turkshomazykakh. Izd. Laktionov, perevody, komment., stat'i i pril. L. I. Lavrova. Moskva, "Muzika," (Pamiatniki na sovetskoi Vostochnoi...)
Ch. 2. [Inscriptions of the 18th-20th centuries] Nadpisi XVIII-XX vv. 1960, 348 p. (...II, 83).

831 Ancient history

[Ancient history and culture of the Mediterranean and Black Sea regions. On the centenary of Academician S. A. Zhelezovskii's birth, 1867-1967] Antichnaia istoriia i kul'tura sredizemnomorskoi i priokaznomoiskoi. Sbornik statei. K stoletiiu so dnia rozhdeniia akad. S. A. Zhelezovskii. 1867-1967. Leningrad, "Muzika," 1960, 312 p.

831(84)—Near East

Zhelezovskii, V. I., [Secrets of the 18th century. Translated from the Russian] Tajnye khroniki. Pod red. V. V. Ivanova. Moskva, "Muzika," 1960, 128 p.

84 Medieval and modern history

84(41)—United Kingdom and Northern Ireland
Tikhonovskii, V. G., [Whiston Church. A political biography] Ushakov Cherkov. Polit. biografiia. Moskva, "Muzika," 1960, 470 p.

84(433)—Federal Republic of Germany

Amsharov, V. I., [Present-day West German bourgeois historiography. Some problems of recent history] Sovremennaiia zapadnogermanskaia burzhuaznaia istoriografiia. Nekotorye problemy sovetskoi istorii. Moskva, "Muzika," 1960, 353 p.

94(435)—Austria
Bergov, G. M. [Kronika iz Viena] Venecija vstroki.
[Austria], Viena - Volski ta. izd., 1948. 368 p.

94(436)—Poland
Bergov, G. M. [Fifty years of independence of Poland]
50 let nezavisnosti Pol'ske. Moskva, "Znanie," 1958.
83 p. (Novoe v izdatii, nauka, tekhnika. Seriya
"istoriya," II).
[Contacts between the Russian and Polish revolutionaries
in the 19th and early 20th century] Sviatski revoliutsioneri
Rossii i Pol'ski XIX - nachalo XX v. Pod red. V. A.
D'yakova i dr. Moskva, "Mysl'," 1958. 430 p.
Bazunovskiy, L. Y. [Studies on the history of Polish
peasants in the 19th-20th century] Otsenki po istorii
pol'skikh krest'yan v XV-XVI vv. Moskva, "Mysl',"
1958. 312 p.

94(437)—Hungary
[Participation of Hungarian internationalists in the
October Revolution and civil war in the U.S.S.R. A
collection of documents] Vengerskie internacionalisty
v Oktobr'skoi revoliutsii i gruzdanskoi voine v 1918-19.
Sbornik dokumentov. Moskva, Politizdat, 1958. 8 v.

94(438)—France
Orlik, O. V. [Russia and the French Revolution of 1830]
Rossia i francuzskaya revoliutsiya 1830 goda. Mo-
skva, "Mysl'," 1958. 214 p.

94(439)—Italy
Kobylinskiy, K. V. [The Great October Revolution and
the revolutionary movement in Italy. (1917-1921)]
Velikiy Oktobr' i revoliutsionnoe dvizheniye v Italii.
(1917-1921). Moskva, "Mysl'," 1958. 343 p.
[Russia and Italy. From the history of Russo-Italian
cultural and public contacts] Rossiya i Italiya. Iz
istorii kul'turnykh i obshchestvennykh otnosheniy.
Moskva, "Mysl'," 1958. 484 p.

94(440)—Spain
Rodriguez, A. G. [Under the Spanish skies]
Pod znami Ispanii. Moskva, "Sov. Rossiya," 1958.
23 p.
[The war and revolution in Spain. 1934-1939. Trans-
lated from the Spanish] Voyna i revoliutsiya v Ispanii.
1934-1939. Moskva, "Progress,"
T.I. 1958. 64 p.

94(441)—Greece
Kryazhev, K. V. [Characteristics of the legal regulation
of agrarian relations in the late period of the Byzantine
Empire. (The 14th-16th century)] Otsobozheniya agrarnykh
pravovykh otnosheniy v pozdniy Vizantiy. (XIV-XV vv.).
(Ist.-sovet. i osob. chetki). Moskva, "Mysl'," 1958. 238 p.

94(442)—European communist countries as
a group
[The October Revolution and the revolutionary movement
in Central and Southeastern Europe. (1917-1921). In-
dex of literature. 1944-1958] Oktobr' i revoliutsionnoe
dvizheniye v srediakh Tsentral'noi i Yugo-Vostochnoi
Evropy. (1917-1921 g.g.). Ukrainskiy literaturny. 1944-
1958. Moskva, "Mysl'," 1958. 230 p.

94(443)—Bulgaria
Ornitskiy, S. Y. [Armenian-Bulgarian historical contacts
and Armenian colonies in Bulgaria in the second half of
the 19th century] Armiansko-bulgarskie istoricheskie
svyazi i armianskie kolonii v Bulgarii vo vtoroy polovine
XIX v. Krievan, Izd. AN Arm. SSR, 1958. 380 p.
Rylov, B. P. [Armenian rebellions. Translated from the
Bulgarian] Derzhitel bunt. Moskva, Politizdat, 1958.
388 p.

94(444)—Asia
[Materials on the history of the Hsing-shan. (Based on
Chinese sources)] Materialy po istorii shenka. (Po
kitayskim istochnikam). Moskva, "Mysl'," 1958.
177 p.

94(445)—China
Chernozhukov, A. I. [Northern march of the Chinese
National Revolutionary Army. (Notes of a military
adviser)] Severnyy pochod Naitsional'no-revoliutsion-
noi armii Kitaya. (Zapiski voen. sovetnika). Moskva,
"Mysl'," 1958. 303 p.

Kimov, G. V. [Historical and bibliographical review
of sources for and literature on the modern history of
China] Istoriko-bibliograficheskiy obzor istochnikov
i literaturnykh po novoi istorii Kitaya. Leningrad, Izd.
Leningr. un-ta.
Ch. 2. [Russia and Soviet literature on the
modern history of China] Rossiya i sovetskaya
literatura po novoi istorii Kitaya. 1958.
84 p.

Ukr'yev, M. V. [Revolution of 1911-1912 in China] Revoliutsiya
1911-1912 gg. v Kitae. Moskva, "Mysl'," 1958.
88 p.

Kryazhev, K. V. [Outline history of the Tangut state]
Otsenki istorii Tangutskogo gosudarstva. Moskva,
"Mysl'," 1958. 288 p.

94(446)—Tibet
Kryazhev, K. V. [Outline history of the Tangut state]
Otsenki istorii Tangutskogo gosudarstva. Moskva,
"Mysl'," 1958. 288 p.

94(447)—Japan
Kryazhev, K. V. [Aboard the "Orel" in the Battle of
Tsunshima] Na "Orel" v Tsushim. Pod red. L. A.
Vladimirovskogo. Izd. 2-e. Leningrad, "Machostroenie,"
1958. 492 p.

[The October Revolution and Japan. (Based on materials
of a symposium)] Oktobr' i Yaponiya. (Po materialam
simpoziuma). Moskva, "Mysl'," 1958. 83 p.

94(448)—Syria
Ornitskiy, S. Y. [Establishment of the independent
Syrian Republic. (1938-1946)] Osnovaniye nezavisimoi
sirskoi respubliky. (1938-1946). Moskva, "Mysl',"
1948. 116 p.

94(449)—Burma
Mordukhai, L. V. [Five thousand temples on the banks of
the Irrawaddy. (The Pagan Kingdom)] 5 000 khramov
na beregu Irravadi. (Pagan'skoye tsarstvo). Moskva,
"Mysl'," 1957. 122 p.

94(450)—Vietnam
Chernozhukov, M. A. [Characteristics of the formation of
the Vietnamese bourgeoisie] Otsobozheniya formirovaniya
v'yetsnamskoi burzhuazii. Moskva, "Mysl'," 1958.
184 p.

94(451)—Cuba
Kryazhev, K. V. [Baroque history of a nation. Centenary
of the first war for the independence of Cuba. (1895-
1898)] Otsobozheniya istoriya naroda. K stoletiyu
godovshchiny pervoi voyny za nezavisimost' Kuby.
(1895-1898 gg.). Moskva, "Mysl'," 1958. 83 p.

94(452)—United States of America
Balkin, I. A. [Bourgeois reformers in the U.S.A.
(1890-1914)] Burzhuaznyy reformizmy v SShA. (1900-
1914). Moskva, "Mysl'," 1958. 418 p.

Irving, Washington. [A history of New York. Trans-
lated from the English] Istoriya N'yu-Yorka. Izd.
podgotovili A. A. Kiselevskiy i dr. Moskva, "Mysl',"
1958. 303 p.

94(453) History of World War II, 1939-1945
[Frontier guards during the Great Patriotic War. 1941-
1945. A collection of documents] Pogranichnye voiska
v gody Velikoi Otechestvennoi voyny. 1941-1945. Sbornik
dokumentov. Moskva, "Mysl'," 1958. 707 p.

Golitskiy, V. I. [In the Battle of Moscow. Notes of an
Army Commander] Moskva i bitva. Zapiski kom-
andira. Moskva, "Mysl'," 1957. 300 p.

Khlebnikov, A. Y. [Trade and supply during the years of
the Great Patriotic War] Torgovlya i snabzheniye v gody
Velikoi Otechestvennoi voyny. Moskva, "Ekonomika,"
1958. 231 p.

Rodriguez, A. G. [Notes of the war. A tale of frontline
years] Rebo voyny. Povest' frontovyykh let. (Izd. 2-e,
pererabot. Moskva). "Mol. gvardiya," 1958. 463 p.

Khlebnikov, A. Y. [The General Staff during the war]
General'skiy shtab v gody voyny. Moskva, Voenizdat,
1958. 418 p.

Khlebnikov, A. Y. [Night of victory. Articles and sketches
written during the war] Noch' pobedy. Stat'i i ocherki
voen. let. Moskva, "Sov. Rossiya," 1958. 381 p.

Khlebnikov, A. Y. [Our earliest hits] Naivnyye nashy
pervyye. Izd. 2-e, izm. i dop. Moskva, Voenizdat,
1958. 363 p.

Rodriguez, A. G. [Soldier of a legendary battle] Voin
legendarnogo bitvy. Translatsiya, "Uzbekistan," 1958.
84 p.

Khlebnikov, A. Y. [Daredevil division commander]
Zheleznyi komandir. Pervaia, Ka. izd., 1958. 147 p.

94(454) Moscow Province
[Heroic deeds at the walls of Moscow] Podvig u sten
Moskvy. (Alma-Ata, "Kazakhstan," 1947). 123 p.

94(455) Kaliningrad Province
Khlebnikov, A. Y. [Ballad about a red landing] Ballada o
krasnou boiatse. Moskva, Politizdat, 1957. 188 p.

94(456) Volgograd Province
[Song of Stalingrad] Stalingradskaya apopeya. Pradial.
M. V. Zhukarova. Moskva, "Mysl'," 1958. 719 p.

Khlebnikov, A. Y. [Battle of Stalingrad] Stalingradskaya
bitva. Izd. 2-e, dop. i pererabot. Moskva, "Mysl',"
1958. 803 p.

94(457) Estonian S. S. R.
Chernozhukov, M. A. [Merchants of Baltic glory. (In the foot-
steps of the defenders of the Mohn Pain Archipelago)]
Merkhantsy balticheskoi slavy. (Po sluzham moshchinykh
Mooonskogo arhipelaga). Moskva, Politizdat,
1958. 160 p.

94(458) Latvian S. S. R.
[A just and daring struggle. A collection of reminiscences
and documents on the armed struggle of the Latvian
people against the fascist occupation forces] Na pravyy
bol, na smertnyy bol. Sbornik vospominaniy i dokumentov
o voornsh. bor'be latysh. naroda protiv fashistskikh
zakhratshkov. Riga, "Liesma."
T.I. [June 1941-December 1943] Irun' 1941 goda -
dekabry 1943 goda. 1958. 478 p.

94(459) Ukrainian S. S. R.
[History of friendship between the Ukrainian and Uzbek
peoples. 1941-1945. A collection of documents and
materials] Iz istorii druzhby ukrainskogo i uzbekskogo
narodov. 1941-1945. Sbornik dokumentov i materialov.
Kiev, "Myslova dumka," 1958. 147 p.

Khlebnikov, I. P. [Role of the Ukrainian Komsozol in
the goetvill movement of 1941-1944. (Political work
among the people of occupied regions)] Komsozol
Ukrainy v partizanskoy dvizhenii 1941-1944 gg. (Polit.
rabota sredi naseleniya okkupir. raionov). Moskva,
"Mysl'," 1958. 94 p.

94(460) Transcarpathia
[They liberated Transcarpathia] On osvobodshchii Za-
karpattia. 2-e izd., dop. [Uzhgorod, "Karpaty,"
1958]. 212 p.

94(461) Crimea
[Bearers of the Order of Glory] Kavalerskiy orden slavy.
Sbornik. Simferopol', "Krym," 1958. 83 p.

94(462) Greece
Kryazhev, K. V. [Greece during the Second World
War] Gratsiya vo vori mirovoi voyny. Moskva,
"Mysl'," 1957. 352 p.

94(463) Bulgaria
Dukarov, Dobri, and Elena Dukarova. [Murgash Mon-
stina. Reminiscences. Translated from the Bulgarian]
Murgash. Vospominaniya. Moskva, Voenizdat, 1958.
481 p.

94(464) Uzbek S. S. R.
[History of friendship between the Ukrainian and Uzbek
peoples. 1941-1945. A collection of documents and ma-
terials] Iz istorii druzhby ukrainskogo i uzbekskogo
narodov. 1941-1945. Sbornik dokumentov i materialov.
Kiev, "Myslova dumka," 1958. 147 p.

947 History of Russia, U.S.S.R.
Arysh, A. I. [Bolshevik and the Third Duma] Bolshevik i
Tret'ya Duma. Moskva, "Mysl'," 1958. 530 p.

Khlebnikov, V. I. [K. W. Lebedev and Russian culture.
From the history of international socialism and
cultural contacts] K. V. Lebedev i russkaya kul'tura.
Iz istorii mezhdunar. svyazi i kul'turnykh svyazey.
Moskva, "Vyssh. shkola," 1958. 48 p.

[Contacts between the Russian and Polish revolutionaries
in the 19th and early 20th century] Sviatski revoliutsioneri
Rossii i Pol'ski XIX - nachalo XX v. Pod red. V. A.
D'yakova i dr. Moskva, "Mysl'," 1958. 430 p.

[History of the U.S.S.R. From the ancient period to our
time. In two series. In 18 volumes] Istoriya SSSR.
8 drevneishikh vremen do nachala drev. V 2-kh seriakh.
V 18-ti t. (Obyed. red. M. K. Ponomarev (prod.))
Moskva, "Mysl'."

[First series. T. 1-6. From the ancient period to
the Great October Socialist Revolution] Pervaya
seriya. T. 1-6. 8 drevneishikh vremen do Velikoi
Oktobr'skoi sotsialisticheskoi revoliutsii.
T. 1. 1948. 734 p.

Kryazhev, K. V. [Association of Petrashevskii] Petra-
shchinskiy. Leningrad, Leningrad, 1958. 48 p.

Khlebnikov, V. I. [Aboard the "Orel" in the Battle of
Tsunshima] Na "Orel" v Tsushim. Pod red. L. A.
Vladimirovskogo. Izd. 2-e. Leningrad, "Machostroenie,"
1958. 492 p.

Orlik, O. V. [Russia and the French Revolution of 1830]
Rossia i francuzskaya revoliutsiya 1830 goda. Mo-
skva, "Mysl'," 1958. 214 p.
[Our Soviet (Azerbaijan. (1917-1947)] Dal'kovskoye
russkoye. (1917-1947). Kiyv, Vyd-vo polit. lit-ry
Ukrainy, 1948. 830 p.

Khlebnikov, K. V. [Russian imperialism and the develop-
ment of the Navy on the eve of the First World War.
(1905-1914)] Russkii imperizm i razvitiye flota ru-
sskoye pervoi mirovoi voyny. (1905-1914 gg.). Moskva,
"Mysl'," 1958. 307 p.

[The Slave and Rur'] Slavyane i Rus'. Moskva, "Mysl',"
1958. 471 p.

[Some problems in studying the historical documents of
the 19th-early 20th century] Nekotoryye voprosy izu-
cheniya istoricheskikh dokumentov XIX - nachala XX v.
Sbornik statei. Leningrad, Izd. Leningr. un-ta, 1957.
343 p.

Khlebnikov, K. V. [Emigrant in London.
Translated from the English] V londonskoi emigratsii.
Moskva, "Mysl'," 1958. 447 p.

Vladov, M. G. [Birth of the Soviet intelligentsia] Roshchinskaya novobol'shevol'skaya. Moscow, Izdatel'stvo, 1968. 388 p.

Zakharova, I. G. [Constitution of the constitution in 1930] Za russkuyu konstitutsiyu 1930 g. Izd. 2-ye, P. A. Zakharova-Moskva. Moscow, Izd. Akad. nauch., 1968. 78 p.

947(471.324) Vostochny Prosvet
Lil'chik, M. V. [The history of years gone by] Byli proubyshchikh let. Vostok, 20. Tsel'nyy-Chernozemnyy kn. izd., 1968. 100 p.
(120) (V10)

947(471.323) Bryansk Province
[For our homeland] Za nashu rodinu. Belinsk, [Print. kn. izd.] 1968. 268 p.

947(471.323) Mari A. B. H.
Kruglov, A. I. [Akpari' march. The years when the land of the Mari was incorporated into the Russian state] Akpari' march. Tsentral'nyy, priyemnyy kn. Mari A. B. H. v. 1968. 422 p.

947(471.3) Northern Caucasus
[External cooperation of the peoples of the Northern Caucasus in the building of communism] Iuzhnyy Kavkazskiy narodnyy Sovetskoye Kazhka v otzhit' nye komunistich. Krasnodar, 1968. 120 p.
(121.10)

947(471.37) Dagestan A. B. H.
Gulshay, B. I. [Dagestan in history and legend] Dagestan v istorii i legendakh. Makhachkala, Dagestanskaya kn. izd., 1968. 128 p.
(121.10) (P11)

947(471.3) White Russian B. B. H.
[White Russia in historical political and church life. Book in three parts] Istoriya i tsurkovaia zhizn' belorusskoy zemli v 19-20 vv. (1914-1917) (1918-1919) (1920-1921) (1922-1923) (1924-1925) (1926-1927) (1928-1929) (1930-1931) (1932-1933) (1934-1935) (1936-1937) (1938-1939) (1940-1941) (1942-1943) (1944-1945) (1946-1947) (1948-1949) (1950-1951) (1952-1953) (1954-1955) (1956-1957) (1958-1959) (1960-1961) (1962-1963) (1964-1965) (1966-1967) (1968-1969) (1970-1971) (1972-1973) (1974-1975) (1976-1977) (1978-1979) (1980-1981) (1982-1983) (1984-1985) (1986-1987) (1988-1989) (1990-1991) (1992-1993) (1994-1995) (1996-1997) (1998-1999) (2000-2001) (2002-2003) (2004-2005) (2006-2007) (2008-2009) (2010-2011) (2012-2013) (2014-2015) (2016-2017) (2018-2019) (2020-2021) (2022-2023) (2024-2025) (2026-2027) (2028-2029) (2030-2031) (2032-2033) (2034-2035) (2036-2037) (2038-2039) (2040-2041) (2042-2043) (2044-2045) (2046-2047) (2048-2049) (2050-2051) (2052-2053) (2054-2055) (2056-2057) (2058-2059) (2060-2061) (2062-2063) (2064-2065) (2066-2067) (2068-2069) (2070-2071) (2072-2073) (2074-2075) (2076-2077) (2078-2079) (2080-2081) (2082-2083) (2084-2085) (2086-2087) (2088-2089) (2090-2091) (2092-2093) (2094-2095) (2096-2097) (2098-2099) (2100-2101) (2102-2103) (2104-2105) (2106-2107) (2108-2109) (2110-2111) (2112-2113) (2114-2115) (2116-2117) (2118-2119) (2120-2121) (2122-2123) (2124-2125) (2126-2127) (2128-2129) (2130-2131) (2132-2133) (2134-2135) (2136-2137) (2138-2139) (2140-2141) (2142-2143) (2144-2145) (2146-2147) (2148-2149) (2150-2151) (2152-2153) (2154-2155) (2156-2157) (2158-2159) (2160-2161) (2162-2163) (2164-2165) (2166-2167) (2168-2169) (2170-2171) (2172-2173) (2174-2175) (2176-2177) (2178-2179) (2180-2181) (2182-2183) (2184-2185) (2186-2187) (2188-2189) (2190-2191) (2192-2193) (2194-2195) (2196-2197) (2198-2199) (2200-2201) (2202-2203) (2204-2205) (2206-2207) (2208-2209) (2210-2211) (2212-2213) (2214-2215) (2216-2217) (2218-2219) (2220-2221) (2222-2223) (2224-2225) (2226-2227) (2228-2229) (2230-2231) (2232-2233) (2234-2235) (2236-2237) (2238-2239) (2240-2241) (2242-2243) (2244-2245) (2246-2247) (2248-2249) (2250-2251) (2252-2253) (2254-2255) (2256-2257) (2258-2259) (2260-2261) (2262-2263) (2264-2265) (2266-2267) (2268-2269) (2270-2271) (2272-2273) (2274-2275) (2276-2277) (2278-2279) (2280-2281) (2282-2283) (2284-2285) (2286-2287) (2288-2289) (2290-2291) (2292-2293) (2294-2295) (2296-2297) (2298-2299) (2300-2301) (2302-2303) (2304-2305) (2306-2307) (2308-2309) (2310-2311) (2312-2313) (2314-2315) (2316-2317) (2318-2319) (2320-2321) (2322-2323) (2324-2325) (2326-2327) (2328-2329) (2330-2331) (2332-2333) (2334-2335) (2336-2337) (2338-2339) (2340-2341) (2342-2343) (2344-2345) (2346-2347) (2348-2349) (2350-2351) (2352-2353) (2354-2355) (2356-2357) (2358-2359) (2360-2361) (2362-2363) (2364-2365) (2366-2367) (2368-2369) (2370-2371) (2372-2373) (2374-2375) (2376-2377) (2378-2379) (2380-2381) (2382-2383) (2384-2385) (2386-2387) (2388-2389) (2390-2391) (2392-2393) (2394-2395) (2396-2397) (2398-2399) (2400-2401) (2402-2403) (2404-2405) (2406-2407) (2408-2409) (2410-2411) (2412-2413) (2414-2415) (2416-2417) (2418-2419) (2420-2421) (2422-2423) (2424-2425) (2426-2427) (2428-2429) (2430-2431) (2432-2433) (2434-2435) (2436-2437) (2438-2439) (2440-2441) (2442-2443) (2444-2445) (2446-2447) (2448-2449) (2450-2451) (2452-2453) (2454-2455) (2456-2457) (2458-2459) (2460-2461) (2462-2463) (2464-2465) (2466-2467) (2468-2469) (2470-2471) (2472-2473) (2474-2475) (2476-2477) (2478-2479) (2480-2481) (2482-2483) (2484-2485) (2486-2487) (2488-2489) (2490-2491) (2492-2493) (2494-2495) (2496-2497) (2498-2499) (2500-2501) (2502-2503) (2504-2505) (2506-2507) (2508-2509) (2510-2511) (2512-2513) (2514-2515) (2516-2517) (2518-2519) (2520-2521) (2522-2523) (2524-2525) (2526-2527) (2528-2529) (2530-2531) (2532-2533) (2534-2535) (2536-2537) (2538-2539) (2540-2541) (2542-2543) (2544-2545) (2546-2547) (2548-2549) (2550-2551) (2552-2553) (2554-2555) (2556-2557) (2558-2559) (2560-2561) (2562-2563) (2564-2565) (2566-2567) (2568-2569) (2570-2571) (2572-2573) (2574-2575) (2576-2577) (2578-2579) (2580-2581) (2582-2583) (2584-2585) (2586-2587) (2588-2589) (2590-2591) (2592-2593) (2594-2595) (2596-2597) (2598-2599) (2600-2601) (2602-2603) (2604-2605) (2606-2607) (2608-2609) (2610-2611) (2612-2613) (2614-2615) (2616-2617) (2618-2619) (2620-2621) (2622-2623) (2624-2625) (2626-2627) (2628-2629) (2630-2631) (2632-2633) (2634-2635) (2636-2637) (2638-2639) (2640-2641) (2642-2643) (2644-2645) (2646-2647) (2648-2649) (2650-2651) (2652-2653) (2654-2655) (2656-2657) (2658-2659) (2660-2661) (2662-2663) (2664-2665) (2666-2667) (2668-2669) (2670-2671) (2672-2673) (2674-2675) (2676-2677) (2678-2679) (2680-2681) (2682-2683) (2684-2685) (2686-2687) (2688-2689) (2690-2691) (2692-2693) (2694-2695) (2696-2697) (2698-2699) (2700-2701) (2702-2703) (2704-2705) (2706-2707) (2708-2709) (2710-2711) (2712-2713) (2714-2715) (2716-2717) (2718-2719) (2720-2721) (2722-2723) (2724-2725) (2726-2727) (2728-2729) (2730-2731) (2732-2733) (2734-2735) (2736-2737) (2738-2739) (2740-2741) (2742-2743) (2744-2745) (2746-2747) (2748-2749) (2750-2751) (2752-2753) (2754-2755) (2756-2757) (2758-2759) (2760-2761) (2762-2763) (2764-2765) (2766-2767) (2768-2769) (2770-2771) (2772-2773) (2774-2775) (2776-2777) (2778-2779) (2780-2781) (2782-2783) (2784-2785) (2786-2787) (2788-2789) (2790-2791) (2792-2793) (2794-2795) (2796-2797) (2798-2799) (2800-2801) (2802-2803) (2804-2805) (2806-2807) (2808-2809) (2810-2811) (2812-2813) (2814-2815) (2816-2817) (2818-2819) (2820-2821) (2822-2823) (2824-2825) (2826-2827) (2828-2829) (2830-2831) (2832-2833) (2834-2835) (2836-2837) (2838-2839) (2840-2841) (2842-2843) (2844-2845) (2846-2847) (2848-2849) (2850-2851) (2852-2853) (2854-2855) (2856-2857) (2858-2859) (2860-2861) (2862-2863) (2864-2865) (2866-2867) (2868-2869) (2870-2871) (2872-2873) (2874-2875) (2876-2877) (2878-2879) (2880-2881) (2882-2883) (2884-2885) (2886-2887) (2888-2889) (2890-2891) (2892-2893) (2894-2895) (2896-2897) (2898-2899) (2900-2901) (2902-2903) (2904-2905) (2906-2907) (2908-2909) (2910-2911) (2912-2913) (2914-2915) (2916-2917) (2918-2919) (2920-2921) (2922-2923) (2924-2925) (2926-2927) (2928-2929) (2930-2931) (2932-2933) (2934-2935) (2936-2937) (2938-2939) (2940-2941) (2942-2943) (2944-2945) (2946-2947) (2948-2949) (2950-2951) (2952-2953) (2954-2955) (2956-2957) (2958-2959) (2960-2961) (2962-2963) (2964-2965) (2966-2967) (2968-2969) (2970-2971) (2972-2973) (2974-2975) (2976-2977) (2978-2979) (2980-2981) (2982-2983) (2984-2985) (2986-2987) (2988-2989) (2990-2991) (2992-2993) (2994-2995) (2996-2997) (2998-2999) (3000-3001) (3002-3003) (3004-3005) (3006-3007) (3008-3009) (3010-3011) (3012-3013) (3014-3015) (3016-3017) (3018-3019) (3020-3021) (3022-3023) (3024-3025) (3026-3027) (3028-3029) (3030-3031) (3032-3033) (3034-3035) (3036-3037) (3038-3039) (3040-3041) (3042-3043) (3044-3045) (3046-3047) (3048-3049) (3050-3051) (3052-3053) (3054-3055) (3056-3057) (3058-3059) (3060-3061) (3062-3063) (3064-3065) (3066-3067) (3068-3069) (3070-3071) (3072-3073) (3074-3075) (3076-3077) (3078-3079) (3080-3081) (3082-3083) (3084-3085) (3086-3087) (3088-3089) (3090-3091) (3092-3093) (3094-3095) (3096-3097) (3098-3099) (3100-3101) (3102-3103) (3104-3105) (3106-3107) (3108-3109) (3110-3111) (3112-3113) (3114-3115) (3116-3117) (3118-3119) (3120-3121) (3122-3123) (3124-3125) (3126-3127) (3128-3129) (3130-3131) (3132-3133) (3134-3135) (3136-3137) (3138-3139) (3140-3141) (3142-3143) (3144-3145) (3146-3147) (3148-3149) (3150-3151) (3152-3153) (3154-3155) (3156-3157) (3158-3159) (3160-3161) (3162-3163) (3164-3165) (3166-3167) (3168-3169) (3170-3171) (3172-3173) (3174-3175) (3176-3177) (3178-3179) (3180-3181) (3182-3183) (3184-3185) (3186-3187) (3188-3189) (3190-3191) (3192-3193) (3194-3195) (3196-3197) (3198-3199) (3200-3201) (3202-3203) (3204-3205) (3206-3207) (3208-3209) (3210-3211) (3212-3213) (3214-3215) (3216-3217) (3218-3219) (3220-3221) (3222-3223) (3224-3225) (3226-3227) (3228-3229) (3230-3231) (3232-3233) (3234-3235) (3236-3237) (3238-3239) (3240-3241) (3242-3243) (3244-3245) (3246-3247) (3248-3249) (3250-3251) (3252-3253) (3254-3255) (3256-3257) (3258-3259) (3260-3261) (3262-3263) (3264-3265) (3266-3267) (3268-3269) (3270-3271) (3272-3273) (3274-3275) (3276-3277) (3278-3279) (3280-3281) (3282-3283) (3284-3285) (3286-3287) (3288-3289) (3290-3291) (3292-3293) (3294-3295) (3296-3297) (3298-3299) (3300-3301) (3302-3303) (3304-3305) (3306-3307) (3308-3309) (3310-3311) (3312-3313) (3314-3315) (3316-3317) (3318-3319) (3320-3321) (3322-3323) (3324-3325) (3326-3327) (3328-3329) (3330-3331) (3332-3333) (3334-3335) (3336-3337) (3338-3339) (3340-3341) (3342-3343) (3344-3345) (3346-3347) (3348-3349) (3350-3351) (3352-3353) (3354-3355) (3356-3357) (3358-3359) (3360-3361) (3362-3363) (3364-3365) (3366-3367) (3368-3369) (3370-3371) (3372-3373) (3374-3375) (3376-3377) (3378-3379) (3380-3381) (3382-3383) (3384-3385) (3386-3387) (3388-3389) (3390-3391) (3392-3393) (3394-3395) (3396-3397) (3398-3399) (3400-3401) (3402-3403) (3404-3405) (3406-3407) (3408-3409) (3410-3411) (3412-3413) (3414-3415) (3416-3417) (3418-3419) (3420-3421) (3422-3423) (3424-3425) (3426-3427) (3428-3429) (3430-3431) (3432-3433) (3434-3435) (3436-3437) (3438-3439) (3440-3441) (3442-3443) (3444-3445) (3446-3447) (3448-3449) (3450-3451) (3452-3453) (3454-3455) (3456-3457) (3458-3459) (3460-3461) (3462-3463) (3464-3465) (3466-3467) (3468-3469) (3470-3471) (3472-3473) (3474-3475) (3476-3477) (3478-3479) (3480-3481) (3482-3483) (3484-3485) (3486-3487) (3488-3489) (3490-3491) (3492-3493) (3494-3495) (3496-3497) (3498-3499) (3500-3501) (3502-3503) (3504-3505) (3506-3507) (3508-3509) (3510-3511) (3512-3513) (3514-3515) (3516-3517) (3518-3519) (3520-3521) (3522-3523) (3524-3525) (3526-3527) (3528-3529) (3530-3531) (3532-3533) (3534-3535) (3536-3537) (3538-3539) (3540-3541) (3542-3543) (3544-3545) (3546-3547) (3548-3549) (3550-3551) (3552-3553) (3554-3555) (3556-3557) (3558-3559) (3560-3561) (3562-3563) (3564-3565) (3566-3567) (3568-3569) (3570-3571) (3572-3573) (3574-3575) (3576-3577) (3578-3579) (3580-3581) (3582-3583) (3584-3585) (3586-3587) (3588-3589) (3590-3591) (3592-3593) (3594-3595) (3596-3597) (3598-3599) (3600-3601) (3602-3603) (3604-3605) (3606-3607) (3608-3609) (3610-3611) (3612-3613) (3614-3615) (3616-3617) (3618-3619) (3620-3621) (3622-3623) (3624-3625) (3626-3627) (3628-3629) (3630-3631) (3632-3633) (3634-3635) (3636-3637) (3638-3639) (3640-3641) (3642-3643) (3644-3645) (3646-3647) (3648-3649) (3650-3651) (3652-3653) (3654-3655) (3656-3657) (3658-3659) (3660-3661) (3662-3663) (3664-3665) (3666-3667) (3668-3669) (3670-3671) (3672-3673) (3674-3675) (3676-3677) (3678-3679) (3680-3681) (3682-3683) (3684-3685) (3686-3687) (3688-3689) (3690-3691) (3692-3693) (3694-3695) (3696-3697) (3698-3699) (3700-3701) (3702-3703) (3704-3705) (3706-3707) (3708-3709) (3710-3711) (3712-3713) (3714-3715) (3716-3717) (3718-3719) (3720-3721) (3722-3723) (3724-3725) (3726-3727) (3728-3729) (3730-3731) (3732-3733) (3734-3735) (3736-3737) (3738-3739) (3740-3741) (3742-3743) (3744-3745) (3746-3747) (3748-3749) (3750-3751) (3752-3753) (3754-3755) (3756-3757) (3758-3759) (3760-3761) (3762-3763) (3764-3765) (3766-3767) (3768-3769) (3770-3771) (3772-3773) (3774-3775) (3776-3777) (3778-3779) (3780-3781) (3782-3783) (3784-3785) (3786-3787) (3788-3789) (3790-3791) (3792-3793) (3794-3795) (3796-3797) (3798-3799) (3800-3801) (3802-3803) (3804-3805) (3806-3807) (3808-3809) (3810-3811) (3812-3813) (3814-3815) (3816-3817) (3818-3819) (3820-3821) (3822-3823) (3824-3825) (3826-3827) (3828-3829) (3830-3831) (3832-3833) (3834-3835) (3836-3837) (3838-3839) (3840-3841) (3842-3843) (3844-3845) (3846-3847) (3848-3849) (3850-3851) (3852-3853) (3854-3855) (3856-3857) (3858-3859) (3860-3861) (3862-3863) (3864-3865) (3866-3867) (3868-3869) (3870-3871) (3872-3873) (3874-3875) (3876-3877) (3878-3879) (3880-3881) (3882-3883) (3884-3885) (3886-3887) (3888-3889) (3890-3891) (3892-3893) (3894-3895) (3896-3897) (3898-3899) (3900-3901) (3902-3903) (3904-3905) (3906-3907) (3908-3909) (3910-3911) (3912-3913) (3914-3915) (3916-3917) (3918-3919) (3920-3921) (3922-3923) (3924-3925) (3926-3927) (3928-3929) (3930-3931) (3932-3933) (3934-3935) (3936-3937) (3938-3939) (3940-3941) (3942-3943) (3944-3945) (3946-3947) (3948-3949) (3950-3951) (3952-3953) (3954-3955) (3956-3957) (3958-3959) (3960-3961) (3962-3963) (3964-3965) (3966-3967) (3968-3969) (3970-3971) (3972-3973) (3974-3975) (3976-3977) (3978-3979) (3980-3981) (3982-3983) (3984-3985) (3986-3987) (3988-3989) (3990-3991) (3992-3993) (3994-3995) (3996-3997) (3998-3999) (4000-4001) (4002-4003) (4004-4005) (4006-4007) (4008-4009) (401

- (468) Spain
see under the following number: 84
- (470) European U. S. S. R.
see under the following number: 834.0
- (471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
see under the following numbers: 347.0, 382
- (471.1) Northern R. S. F. S. R.
see under the following number: 72.03
- (471.2) Northwestern R. S. F. S. R.
see under the following numbers: 841.7; 832.3
- (471.31) Moscow Province
see under the following number: 842
- (471.32) Krasnodar A. S. S. R.
see under the following number: 328
- (471.332) Leningrad City
see under the following numbers: 889; 373.8; 378;
631.7; 639; 630.2; 88; 711.4; 793
- (471.31) Central industrial region
see under the following number: 831.0
- (471.310) Moscow City
see under the following numbers: 889; 378; 818.88;
888; 888.3; 812
- (471.311) Moscow Province
see under the following numbers: 344.85; 814.2;
836.2; 87; 848.53
- (471.312) Tula Province
see under the following number: 81
- (471.313) Ryazan Province
see under the following number: 836.2
- (471.314) Vladimir Province
see under the following numbers: 711.4; 795
- (471.318) Ivanovo Province
see under the following numbers: 871; 838.28
- (471.316) Yaroslavl Province
see under the following numbers: 381.74; 847.084
- (471.32) Central Black Earth region
see under the following numbers: 328.02; 831; 830;
847.084
- (471.323) Kansk Province
see under the following numbers: 832.3; 832.8
- (471.324) Voronezh Province
see under the following numbers: 332.8; 81;
847
- (471.328) Moldavia A. S. S. R.
see under the following numbers: 308; 31; 338
- (471.331) Kalining Province
see under the following numbers: 338.1; 840.83
- (471.333) Bryansk Province
see under the following numbers: 847; 847.084
- (471.34) Volga-Vyatka region
see under the following number: 832.1
- (471.341) Gorky Province
see under the following number: 842.1
- (471.343) Mord A. S. S. R.
see under the following numbers: 10; 381; 872; 847
- (471.4) Central and Lower Volga region
see under the following number: 874
- (471.41) Tatar A. S. S. R.
see under the following numbers: 889; 81
- (471.42) Ulyanovsk Province
see under the following number: 308
- (471.44) Saratov Province
see under the following numbers: 338.02; 847.084
- (471.45) Volgograd Province
see under the following numbers: 830.113; 834.0;
840.83
- (471.5) Ural region
see under the following number: 873
- (471.58) Orenburg Province
see under the following numbers: 308; 31; 338
- (471.6) Northern Caucasus
see under the following numbers: 330.19; 831.4;
830.37; 847
- (471.631) Kabard A. S. S. R.
see under the following numbers: 308; 31; 838;
793.3; 830
- (471.67) Dagestan A. S. S. R.
see under the following numbers: 308; 847; 847.084
- (471.8) Chechen A. S. S. R.
see under the following numbers: 842; 883; 840.83
- (471.8) Latvian S. S. R.
see under the following numbers: 331.1; 847.8;
307; 818.3; 831.74; 834.0; 818; 840.83
- (476) White Russian S. S. R.
see under the following numbers: 28; 333.3; 388;
338.1; 330; 343.1; 372.68; 388; 810; 830.38;
847
- (477) Ukrainian S. S. R.
see under the following numbers: 308; 338.02;
338.04; 81; 841.3; 812.8; 832.3; 72; 72.03;
788.8; 880; 81; 840.83; 847; 847.084
- (477.8) Donets Basin
see under the following numbers: 882.9; 718
- (477.8) Western Ukraine
see under the following numbers: 841.7; 88
- (477.88) Transcarpathia
see under the following number: 840.83
- (477.8) Crimea
see under the following numbers: 338.02; 810;
830.39; 840.83
- (478) Moldavia S. S. R.
see under the following numbers: 331; 334.4; 343;
347; 881.08; 818.3; 818.9; 838.8; 834.8;
838.8; 87/88
- (478) Crimean and Transcarpathia
see under the following numbers: 18.01; 330.08
- (478.32) Georgia S. S. R.
see under the following numbers: 85; 308; 312;
338.8; 840.8; 834.1; 847.084
- (478.323) Abkhaz A. S. S. R.
see under the following number: 831
- (478.34) Azerbaijan S. S. R.
see under the following numbers: 338.02; 331.081;
881.8; 883.9; 824.1; 792
- (478.36) Armenia S. S. R.
see under the following numbers: 308; 31; 338;
881.2; 882.2; 886; 78; 812; 847
- (48) Scandinavia
see under the following number: 308
- (488) Greece
see under the following numbers: 333; 84; 840.83
- (488) European communist countries as a group
see under the following numbers: 837; 847.8;
388.1; 84
- (487.2) Bulgaria
see under the following numbers: 838.06; 84;
840.83
- (8) Asia
see under the following numbers: 38; 838.47; 338;
83
- (81) China
see under the following numbers: 300.883; 38; 830.33;
84
- (818) Tibet
see under the following number: 84
- (818) Korea
see under the following number: 338
- (818.2) Mongolian People's Republic
see under the following number: 830.38
- (82) Japan
see under the following numbers: 800.883; 38; 838;
800.1; 84
- (838) Small Arabia
see under the following number: 808
- (840) India
see under the following number: 881.8
- (88) New East
see under the following numbers: 830.28; 881
- (888.1) Syria
see under the following number: 84
- (87) Alaska U. S. S. R.
see under the following numbers: 841.48; 843; 882;
88; 832.1; 834.0
- (871) Alaska R. S. F. S. R.
see under the following numbers: 338.02; 333;
338.1; 339.8; 38; 382; 841.4; 851.48; 881.8;
881.7; 883; 843.8; 823.2; 883.0; 847; 847.084
- (871.12) Tyumen Province
see under the following numbers: 331.07; 88
- (871.13) Omsk Province
see under the following number: 838

(871.16) Akai Territory
see under the following numbers: 633.1, 634.1, 947.064

(871.17) Kamsere Province
see under the following number: 633.2

(871.61) Kramoyank Territory
see under the following number: 947.064

(871.63) Irimak Province
see under the following numbers: 906, 915.2; 963; 977.8

(871.66) Yakut A. S. S. R.
see under the following numbers: 86; 88.9

(871.6) Soviet Far East
see under the following numbers: 334.1; 561.2, 563; 947; 947.064

(871.63) Maritime Territory
see under the following number: 961.9

(871.64) Sakhalin Province
see under the following numbers: 906; 963.9

(871.66) Kamchatka Province
see under the following numbers: 611.2; 643; 631

(874) Kazakh S. S. R.
see under the following numbers: 63; 333.1; 374.7; 561.2; 561.46; 563; 573; 583.8; 630.2; 632.2; 633.8; 634.0; 634.1; 947

(879) Central Asia
see under the following numbers: 333; 551.0; 561.9; 604.1; 866; 633.1; 611; 947

(876.1) Uzbek S. S. R.
see under the following numbers: 333.1, 643; 796; 840.53

(876.173) Kara-Kalpak A. S. S. R.
see under the following number: 630.1

(876.2) Kirghiz S. S. R.
see under the following numbers: 333.2; 866; 834.1

(876.3) Tajik S. S. R.
see under the following numbers: 63, 333; 336; 366; 587, 631.6; 947

(876.4) Turkmen S. S. R.
see under the following numbers: 61; 648

(881) Burma
see under the following number: 94

(887) Vietnam
see under the following numbers: 304; 333.2; 94

(6) Africa
see under the following numbers: 300.682; 363.2; 610

(61) North Africa
see under the following number: 63

(63) Northwest Africa, Egypt and Sudan
see under the following number: 306

(67) Equatorial, South Central and East Africa
see under the following numbers: 680; 7.0; 911

(68) Southern Africa (including Rhodesia)
see under the following number: 61

(7) North America
see under the following number: 630.1

(73) Mexico
see under the following numbers: 323; 336

(723.1) Cuba
see under the following number: 94

(73) United States of America
see under the following numbers: 06; 461, 302; 33; 333.2; 337; 338; 366; 368.63, 37; 633.3, 73; 94

(8) South America
see under the following numbers: 583; 630.1

(83) Chile
see under the following number: 36

(86) Arctic and North Polar regions
see under the following number: 581.8

(88) Antarctica, South Polar regions
see under the following number: 611

1. GENERAL

A. SCHOLARLY JOURNALS

AKADEMIYA NAUK Gruzinskoy SSR, Tiflis. *Sobremennaya* [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 51, no. 1, July 1968.

Table of contents translated:

- Berkashvili, N.A. - On the differentials of a spectral sequence. p. 6.
 Badayev, A.L. - Semigroups generated by linear systems of the neutral type. p. 15.
 Dzhishkashvili, A.V. - Ritz's method for a nonlinear equation. p. 10.
 Lomashov, G.A. - Number of representations of numbers by the forms $x^2 + 3y^2 + 3z^2$ and $x^2 + 3y^2 + 3z^2 + 3w^2$. p. 25.
 Khromchik, R.L. - An optimum control problem. p. 31.
 Vakhtangia, N.M. - Convariant operator of stochastic distribution in Banach space. p. 34.
 Kartalishvili, G.V. - Some problems of synthesis from the viewpoint of the theory of general systems. p. 41.
 Dalaguli, K.P. - Method for automatic indexing and referencing. p. 47.
 Vashukidze, I.B., Kikava, A.T. - Use of nonlocal inverting potential in determining the spectrum of nuclei with $A = 14$ in the approximation of partially p -type annihilation. p. 41.
 Andronikashvili, E.L., Tsakadze, D.B., Chigvinadze, D.B. - Temperature effect of diastolic processes in superconductors of the second kind. p. 55.
 Kikvadze, D.A., Chikhradze, Sh.G. - Effect of humidity on the thermal coefficients of some sedimentary rocks of a granular structure. p. 60.
 Ovelashvili, A.I. - Precipitation of ice growing in a flow of supercooled water aerosols on surfaces of various shapes. p. 63.
 Sakvarelidze, K.A. - Methods for studying the temperature dependence of the thermal parameters of rocks. p. 69.
 Eristavi, D.L., Dzhishkashvili, G.G., Holokhova, L.V. - Distribution of alkali elements in mineral waters. p. 74.
 Kakhelashvili, A.I., and others. - Action of tri-substituted silanes and chlorosilanes on vinylacetylene polymers. p. 79.
 Papava, G.Sh., and others. - Homogeneous and mixed polyacetylenes based on polycyclic dieneols. p. 86.
 Orudzikeli, I.M., Asatiani, L.P. - Synthesis of tertiary acetylenic γ -glycols of the ferrocene series. p. 91.
 Andronov, K.A., and others. - Heat-resistant polymers based on polycyclic dieneols and chlorosilanes. p. 95.
 Barkashvili, M.V., Gogorashvili, P.V., Bagdasarian, D.S. - Benzoylhydrazine complex compounds of transition metals. p. 101.
 Tkishvashvili, G.V., Skopchenko, V.V., Ivanova, E.I. - Infrared spectral and X-ray diffraction characteristics of some metacyclopentadiene complexes of vanadium (III). p. 107.
 Bakashvili, V.M., Danashvili, R.R., Chagmova, M.F. - Purification of technical nitrobenzene by way of oxygen hydrogenation by ammonia. p. 111.
 Kikvadashvili, I.G., Gogorashvili, G.G., Tkishvashvili, G.V. - New composition of low temperature glasses from vitreous rocks. p. 115.
 Bachorashvili, E.D., Chikvadze, Ch.A., Bochorashvili, D.B. - Preparation of caffeine without use of acetone and phosphates. p. 121.
 Tskhovrelishvili, Sh.A. - Geomorphology of the upper Sakrebulo Valley. p. 127.
 Topolashvili, M.V. - New data on the paleogeography of the Dzirula Massif in the Lower Jurassic. p. 136.
 Tsiklauridze, G.K. - Genesis of quartz-diorites and gabbro-diorites of upper Eocene. p. 135.
 Dolidze, A.D. - Calculating prefabricated prestressed reinforced concrete structures with evaluation of lasting processes during with loads diversified in time. p. 141.
 Brerman, M.I.A., and others. - Calculating plastic bending taking into consideration nonuniformly distributed temperature, speed and degree of deformation on the thickness of the strip. p. 147.
 Odishelashvili, K.G. - Problem of dynamic stabilization of a two-mass mechanism. p. 159.
 Ashtori, A.Sh. - Determining load parameters of electrically driven machines. p. 163.
 Terkile, M.A. - Rate of endogenous stimulators and inhibitors of the growth in winter-flowering perennial *Stachytarax japonica* L. p. 169.

- Mishelashvili, M.O., Chikvadze, D.V. - Comparative toxicity of new fungicides in relation to the phytopathogenic fungi of citrus plants. p. 173.
 Zhigenti, M.P., Chikvadze, I.Sh. - Free amino acid content in peas following natural inoculation. p. 177.
 Petashvili, D.T., Bapova, S.A., Marchenko, I.V. - Green actinomyces from soils of Georgia. p. 183.
 Bagdasarian, K.G. - Mediterranean fauna elements in the upper part of Kotakshvili of the Lechkhumi Range and the nature of the transition between the Kotakshvili and Tarkhuna. p. 189.
 Dolidze, G.V. - Biological insecticide antibiotics-3 and its test results against two species of leaf rollers. p. 193.
 Kryzhanovskii, O.L. - New species of ground beetles (Coleoptera, Carabidae) from western Georgia. p. 199.
 Jekishvili, O.M., Gogorashvili, A.V., Adashvili, L.G. - Effect of phosphamide on the growth, development and chemical composition of citrus plants. p. 201.
 Chelidze, A.M. - Effect of anesthetic mixture used in labor on the state of intracranial tension. p. 207.
 Kevadashvili, Z.Sh. - Mechanism of interhemispheric synchronization of strychnine epileptic discharges. p. 213.
 Khvichashvili, R.K. - Motor-vector function of the gallbladder in patients with gastric hyperacidity and the effect of some stimulants. p. 218.
 Kakelashvili, L.S., Badayev, A.A. - Anatomic and X-ray data on compensatory and adaptive changes in the blood circulation system of old people in Abkhazia. p. 224.
 Tkishvashvili, G.V. - Anatomic principles of extraperitoneal removal of the urinary bladder, prostate gland, seminal vesicles and transplantation of ureters in the rectum. p. 231.
 Zigeuli, M.L., Kobachidze, I.P. - Adenomatous olinof, morphology and treatment. p. 237.
 Chikvadze, M.L. - Microvascularization of the pancreas under normal conditions and following regeneration. p. 243.
 Marashvili, S.V. - Portraits of the leaders of 16th century. p. 248.

AKADEMIYA NAUK MOLDAVSKOY SSR, *Izvestiya* [ACADEMY OF SCIENCES OF THE MOLDAVIAN S.S.R. Bulletin]. Kishinev, no. 11, 1968.

Table of contents translated:

- Belikov, V.D. - Mutually inverse quasi-groups and loops. p. 3.
 Gokhberg, I.Ts. - Normal solvability and index of an operator function. p. 11.
 Pavlova, M.A. - On some classes of hyperimmune sets. p. 16.
 Rukhovich, Iu.M. - Embeddings of radicals. p. 24.
 Shadrak, K.S., Shakh, A.M. - Limit properties of partially ordered discrete dynamic systems. p. 42.
 Koshkin, A.I., Ros, L.Z. - Some problems in adiabatic perturbation theory. p. 54.
 Sobolev, V.V. - Energy of the forbidden band in group AII-BVI crystals. p. 59.
 Phipps, M.D. - Estimates of the averaging interval in the statistical processing of experimental data on the propagation of ultrashort radio waves. p. 79.
 Aronov, V.L. - Baer's topological radical and the decomposition of rings. p. 79.
 Bronskaya, Iu. - Different concepts of the limit directivity of closed sets. p. 81.
 Shadrak, K.S. - Solving the problem of the center for the differential equation $dy/dx = -c_1xy + c_2y^2 + c_3x^2 + c_4xy + c_5x^3$. p. 84.
 Bobrysheva, A.I. - Derivation of the Hamiltonian for the biontose. p. 89.
 Holarskaya, Iu.S., Val'kovskaya, M.L. - Some characteristics of the motion of dislocations in MnCl single crystals. p. 96.
 Marinkov, A.E. - Some relations for Green's functions of an anharmonic lattice. p. 98.
 Moskalenko, V.A., Marinkov, A.E. - A property of the anharmonic lattice. p. 103.
 Moskalenko, V.A., Palistrant, M.E. - Functional derivatives in thermodynamics. p. 106.
 Degradat, V.V., Baskutova, S.L., Slobodnikov, S.V. - Electric and photoelectric properties of gallium phosphide. p. 116.
 Radetskiy, S.I., Mavrova, L.M., Markov, M.M. - Thermal and X-ray diffraction studies of alloys in the system Ag-Te. - In: *Ag-Te*. p. 129.
 Sobolev, V.V. - Correlation between the structures of line type edge absorption and the equidistant edge analysis and the line structure of the photoeffect in crystals. p. 134.
 Shadrak, K.S. - Effect of dispersed deformations on

spole-active excitation levels. Determination of Coulomb long-range action. p. 139.

AKADEMIYA NAUK TADZHIKSKOY SSR, Dushanbe. *Obshchaya obshchestvennaya nauka* [ACADEMY OF SCIENCES OF THE TADZHIK S.S.R. Department of Social Sciences. Bulletin]. Dushanbe, no. 134, 1968.

Table of contents translated:

- Rachkayev, Z., Shagolov, E. - Present day role of social sciences. p. 3.
 Dzhishkashvili, V.I. - The most important factors which affect the efficiency of scientific personnel. p. 10.
 Pysmagov, S.P. - Methods for determining the effect of changes in assortment on the effectiveness of fixed assets in the shoe industry. p. 20.
 Sayitkhalilov, V.G. - Economic effectiveness of the utilization of fixed assets in Tajikistan's vegetable oil industry. p. 31.
 Seleznev, R.A. - Some problems in the postwar development of cotton growing in Tajikistan, 1944-1965. p. 40.
 Turunov, A. - A logical and methodological analysis of the method of cosmological extrapolation. p. 48.
 Kaniyov, M. - Problem of the individual in Marxist-Leninist philosophy. p. 56.
 Kurovov, A.L. - Some problems in the topographic study of Tajikistan. p. 64.
 Iakubov, Iu. - The date of Devashkhat's "note" in Bogdian. p. 77.
 Sabirova, M. - Some problems in determining the role of prepositions in the explanatory dictionary of the Tajik language. p. 84.

AKADEMIYA NAUK TURKMENSKOY SSR, Ashkhabad. *Izvestiya* [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Social Sciences]. Ashkhabad, no. 1, 1968.

Table of contents translated:

- Ochshakov, L.V. - Use of working time, an important part of the scientific organization of labor. p. 3.
 Ivashchenko, I.G. - Organization of special agencies for the struggle against the counterrevolution and the protection of law and order in Turkmenistan, 1927-1938. p. 9.
 Chekh, L.V. - Intelligence of Soviet Turkmenistan in the early phase of the Great Patriotic War, 1941-1943. p. 16.
 Ibrayev, Kh. - The Aka-Tama in the Middle Ages; preliminary information. p. 26.
 Sosonkin, I.L. - The beautiful and tragic in Kerem's aesthetic views. p. 28.
 Ananyev, Kh. - Soviet public struggles against the surviving traces of the past. p. 43.
 Kuseinov, D.A. - Some problems of ascending the lawn which regulate matrimonial property rights in the Turkmen S.S.R. p. 54.
 Solovkhov, V.V. - Optimization of the spinning plan of a textile factory by linear programming, based on the example of the Ashkhabad Cotton Combing named after Dzhirgatali. p. 56.
 Kulev, G. - Government of verbs of action in the Azerbaijani and Turkmen languages. p. 64.
 Amangospeev, M. - Two concepts in studying the economy of the Turkmen in the 18th and the first half of the 19th century. p. 80.
 Kakiyova, Dzh. - Structural characteristics of root words in modern Turkmen. p. 91.
 Bogdanova, Iu.M. - Category of aspect; based on material of the Russian language. p. 94.
 By-election of the Presidents of the Academy of Sciences of the Turkmen S.S.R. p. 97.

AKADEMIYA NAUK BSSR, Minsk. *Vestnik Seriya humanitskikh nauk* [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Social Sciences]. Minsk, no. 4, 1968.

Table of contents translated:

- Markovskiy, A.P. - Development of federative relations between White Russia and the R.S.F.S.R. before the establishment of the U.S.S.R. p. 5.
 Koshynskiy, U.A. - All-White Russian congresses of the soviet in the system of White Russian governmental organs during the building of socialism. p. 16.
 Barikova, E.A. - Development of democratic principles in the criminal laws of the White Russian S.S.R. p. 27.
 Habelka, V.Ts. - Economic substance of the category of "fixed assets." p. 38.
 Mikhailova-Sanbits, L.A. - Important factor in the economic development of White Russia. p. 41.
 Skitlaryk, A.M., Marinkov, T.A. - Some problems in the regulation of prices for consumer goods in the White Russian S.S.R. p. 48.
 Anisimov, B.P. - Corroborating a method for planning the economic efficiency of wholesale prices for glassware. p. 57.
 Skitlaryk, I.M. - Consolidation of the economic foundation

TARTU ÜLKOOL. Toimetised. Ucheye izplod Tar-
tuskogo gosudarstvennogo universiteta [UNIVERSITY
Studies]. no. 208, 1967.

TASHKENT UNIVERSITET. Nauchnye trudy [UNIVER-
SITY Studies]. No. 240, 1967. Problems of the
physical and economic geography of Uzbekistan.

- Table of contents translated:
Khasanov, Kh. - Geographical tables of al-Biruni and
Ulugh Beg. p. 3.
Domitrova, T. M. - S. S. Neustrinov's role in the
theoretical development of soil science. p. 15.
Guliyev, P. - The types of landforms in the central
part of the Zeravshan Valley adjacent to the gorges.
p. 23.
Khasanov, A. - Temperature regime of the cold,
overcast period in Uzbekistan's zone of dry
farming. p. 27.
Shapurov, Kh. Sh. - Some problems concerning the
geomorphology of the Fergana Valley. p. 47.
Shapurov, Kh. Sh. - An analysis of the elevation of
terraces and the recent tectonic movements in the
Fergana Valley. p. 58.
Larshova, L. P. - A general map of the natural
conditions of Uzbekistan. p. 60.
Guliyev, Ch. V. - The use of background maps in the
composition of landform maps. p. 69.
Saidov, M. V. - Effect of natural conditions and
resources on the development and distribution of
cities and towns in Uzbekistan. p. 71.
Saidov, M. V. - Some problems in the development
of Uzbekistan's cities and towns. p. 108.
Raisov, T. - Capital cities of Central Asia. p. 118.
Raisov, T. - An economic and geographical study
of the population of capital cities. p. 123.
Karabekov, M. K. - Territorial organization of the
population of Turkmenia. p. 142.
Karabekov, M. K. - Some problems relating to the
distribution and effective utilization of manpower
in the densely populated cases of Central Asia.
p. 153.

TOMSK UNIVERSITET. Ucheye izplod [UNIVERSITY
Studies]. No. 64, 1968. Voprosy metodologii i logiki
nauki [Problems in the methodology and logic of
science], no. 3.

- Table of contents translated:
Bokharov, M. P., Dmitriyev, M. S. - Structural
methods in the theory of control. p. 2.
Fedorov, M. G. - G. V. Pridmore and the geographical
school of sociology. p. 13.
Dmitriyev, V. A. - Substances of the concept of "so-
ciology" and its relative independence. p. 22.
Kharkov, V. I. - Development of the conceptions of the
unity of the continent and the continent in the theo-
ries of the space and time of the microcosm. p. 21.
Korotkiy, A. V. - Correlation of the causality of space
and time. p. 48.
Stepanov, A. D. - Some methodological principles in
determining the beginning of a disease. p. 79.
Saidov, M. V. - Effect of social factors on changes
in man. p. 89.
Sikitskiy, A. R. - Correlation of artistic image, model,
and symbol in art. p. 94.
Chalilov, A. A. - Subject matter of and objectives for
industrial aesthetics. p. 107.
Chalilov, A. A. - Some problems concerning the origin
and development of industrial aesthetics. p. 112.
Goryun, E. S. - Some problems in the study of public-
service activities. p. 125.
Filippov, M. M. - Principal characteristics of the state
of mind. p. 148.
Orskhovskiy, A. I. - Marxist-Leninist theory of free
will and determinism as a methodological founda-
tion for studying the problem of moral responsibility
in an industrial collective. p. 158.
Verkhovskiy, I. I. - Problems of the common feelings of
religious women. p. 178.
Molotov, S. A. - Principal laws of thinking in formal
logic and the problems of logical foundations. p. 188.

No. 70, 1968. Problemy metodologii i logiki nauki [Pro-
blems in the methodology and logic of science], no. 4

- Table of contents translated:
Efremov, V. A. - Cosmological role of the presen-
tation of scientific knowledge. p. 3.
Filippov, M. M. - Fact and model. p. 16.
Sikitskiy, A. R. - Special aspects of analogy and model-
ing in science and art. p. 26.
Sikitskiy, A. R. - Aesthetic approach and aesthetic
perception. p. 34.
Chalilov, A. A. - Development of the creative and
aesthetic aspects of work in the different stages of
preindustrial society. p. 44.
Tupitskiy, V. I. - The use of mathematics in chemical
studies. p. 64.
Orskhovskiy, A. I. - Origin and early history of idealiza-
tion as a method of scientific knowledge. p. 71.
Chalilov, V. V. - Correlation of technical and natural
science. p. 87.
Chalilov, V. V. - Characterization of the objects of
technical science. p. 99.
Rubinov, I. G. - Concept of a scientific fact. p. 107.
Orskhovskiy, A. I. - Studies on correlation among
different forms governing production operations as a
condition which determines the development of moral
responsibility. p. 118.

- Shchepetil'nik, V. E. - Effect of social factors on the evolu-
tion of infectious diseases. p. 128.
Gifford, G. I. - Role of ideas in science and art. p. 135.
Dmitriyev, V. A. - Subject matter of the general
theory of science. p. 154.
Pis, V. V. - Methods for studying some trends in the
cultural and linguistic development of small
nationalities in the northern regions of Eastern
Siberia. p. 168.
Sikitskiy, A. R. - Correlation of the historical and the
logical and problems concerning the content of
science. p. 176.
Korotkiy, A. V. - Correlation among causation, space,
and time in modern quantum field theory and the
theory of relativity. p. 183.
Molotov, S. A. - Elementary cell of knowledge. p. 204.
Ustov, A. I. - Synthesis in the theory of historical
science. p. 211.
Mordovskiy, V. I. - Epistemic function of naturalistic
collection. p. 220.

UFA. BASHKIRSKIY GOSUDARSTVENNYI UNIVERSITET.
Ucheye izplod [BASHKIR STATE UNIVERSITY
Studies]. No. 11, 1964. Seriya filologicheskikh nauk
[Series in the Philological Sciences], no. 9 (93).
Problems of general and Romance and Germanic
linguistics.

- Table of contents translated:
Kasprinskii, R. R. - Spectrograph analysis in the
sound structure of language. p. 3.
Kasprinskii, R. R. - The phoneme [j] in the phonological
system of the German language. p. 11.
Mikhailova, M. Kh. - Phonological analysis of the
results of old English vowel lengthening before
LD, MD, ND, ML, RM, and others in modern
English. p. 18.
Mikodolov, V. A. - Mathematical modeling of
structures on a syntactical level. p. 27.
Rizhitskiy, G. G. - Lexical and semantic transformations
in the English language. p. 32.
Nudkin, M. V. - Grammatical meaning. p. 41.
Vasil'ev, L. M. - Typology of grammatical categories.
p. 51.
Radelev, V. G. - Grammatical (morphological) word
classes. p. 58.
Shtrom, M. M. - Some types of syntactical relations,
distinguished by a functional mark. p. 69.
Zakharov, L. P. - Syntactical variability and syntactical
synonymy. p. 77.
Kollari, T. R. - Correlative relations. p. 83.
Kornatov, I. A. - Classification of subordinate clauses
in modern English. p. 91.
Stepanova, A. M. - Syntagmatic model of indirect
transitive verbs in modern French. p. 98.
Mokshova, K. A. - Studying models of verb combina-
tions in technical texts. p. 108.
Sagryukina, I. G. - Function of positional structures in
modern English. p. 113.
Chernikova, A. A. - Using substantive combinations in
an adverbial function. p. 121.
Politskiy, M. G. - English expressive particles on the
level of sentences. p. 127.
Korotkiy, L. S. - Research in specificity of stylistic
constructions in English technical literature.
p. 137.
Kroshina, G. S. - Statistical distribution of homogeneous
predicates in modern English. p. 147.
Lisetskii, L. K. - Differentiating the meaning of
"link" and "step" in the system of word building.
p. 153.
Khamgat, G. G. - So-called active infinitives with
passive meanings in modern English. p. 158.
Vedenskaya, M. S. - Analytical aspectual and temporal
forms in Old High German. p. 171.
Derzhova, M. K. - German articles as an expression
of the category of definiteness and indefiniteness
in comparison with some phenomena of the Russian
language. p. 177.
Kuznetsov, A. M. - Articles in prepositional groups
with adjectives in the German language. p. 183.
Samoilovich, E. B. - History of the formation of the
reflexive voice in the English language. p. 197.
Sukhrabova, V. - Aspectual meaning of the prefix
gi- in old high German. p. 197.
Khaseev, G. M. - Morphological characteristics of
nouns in the Low German dialect. p. 203.
Tyshler, I. S. - Number of syllables in a word, its
frequency and semantics. p. 211.
Rizhitskiy, G. V. - Transformational analysis and
the role in the semantic classification of words.
p. 217.
Abegazov, L. S. - Role of transfer of meaning in the
formation of English petroleum industry terminology.
p. 223.
Mikhailova, M. Kh. - Use of professionalisms in various
styles of speech. p. 231.
Korotkiy, I. A. - Problems of etymological doublets
from materials of the Spanish language. p. 236.
Orskhovskiy, A. I. - Problems of determining synonymy
of verbal phraseological units and their classifica-
tion. p. 243.
Guliyev, Ch. V. - Problem of the stability and identical
sphere of use of synonyms. p. 261.
Vol'ison, E. M. - Semantical relation of paired
synonyms in the English language. p. 262.

- Kasprinskii, R. R. - Quantitative analysis of concrete
language categories determining the quantitative
characteristics of style. p. 265.
Guliyev, Ch. V. - Some observations on the style of
everyday speech in modern German. p. 273.
Avramov, V. M. - Stylistic role of types of word,
phrase and sentence connections. p. 281.
Turyk, L. M. - Possibilities in using the stylistic
load of a word as a means of satire and humor.
p. 288.
Anisimova, L. A. - Repetition of lexical and syntactical
constructions as a stylistic device. p. 294.
Nedelkov, V. P. - Connection of causativeness and
passiveness. p. 301.
Marinov, R. X. - Gerunds in the English language and
the so-called "infinitive II" in the Bashkir language.
p. 311.
Bogin, G. I. - Problems of the psychological mechanism
of translating. p. 318.
Shtrom, M. M. - Active linguistic behavior and
speech skills. p. 323.
Bogin, G. I. - German linguistics and methods of
teaching foreign languages in Bashkiria. p. 334.

VORONEZH. GOSUDARSTVENNYI PEDAGOGICHESKIY
INSTITUT. Vestnik [STATE PEDAGOGICAL IN-
STITUTE Bulletin]. Vol. 79, 1967. Problemy svyazi
v khudozhestvennoy literaturne [The problem of the
author in belles letters], no. 1.

- Table of contents translated:
Korovin, B. G. - Some premises for the study of the
author's image in lyric poetry. p. 7.
Medvedeva, T. A. - The author in M. I. Lermontov's
poem "The demon." p. 34.
Raisova, M. A. - The poetic world as a form of ex-
pression of the author's consciousness in the work
of A. T. Tsvetkovskiy. p. 40.
Gurina, T. L. - The epic beginning in the tragedies of
J. Racine as a means of expression of the author's
position. p. 62.

Vol. 90, 1967.

- Table of contents translated:
Grigorov, P. A. - In biology classes we are training
young athletes. p. 8.
Kotova, K. L. - General principles of methods in
making index cards in a school course in botany.
p. 12.
Dapina, S. A. - Made by the hands of students for the
biology study room. p. 16.
Dardashova, A. P. - Every school should have its
own nursery. p. 24.
Kotova, K. L., Sagorodskiy, L. I. - Seasonal
botanical excursions with schoolchildren. p. 26.
Marfuta, V. P. - Interesting vegetable gardening.
p. 48.
Yakov, G. V. - Use of interesting experimental
problems in chemistry lessons. p. 52.
Yakov, G. V. - Influence of the preparation of
laboratory and practical work on the realization
of carrying out a chemical experiment by students
of the 7th-8th grades. p. 59.

b. POPULAR MAGAZINES

AMERIKA: Illyustirovannyi zhurnal [AMERICA ILLUS-
TRATED]. Published by the United States Information
Agency. Washington, D. C., nos. 148-149, Feb.-Mar.
1969.

ASIA I AFRIKA SIOGDNYA [ASIA AND AFRICA TODAY].
Issued by Institut narodov Azii i Institut Afriki Akad-
emii nauk SSSR [Institute of the Peoples of Asia and
the Institute of Africa of the Academy of Sciences of
the U.S.S.R.]. Moscow, vol. 13, no. 13, Dec. 1968.

- Table of contents translated:
Levinovskiy, A. - Shipping, freight, and the third
world. p. 3.
Zabirov, V. - A nonequivalent exchange. p. 8.
Korobov, E. - Nigerian trials (conclusion). p. 10.
Bashkurov, A. - Iran and the countries of the Mutual
Economic Assistance Council. p. 11.
Isaeva, A. - New features of the Vietnamese policy in
Asian countries. p. 14.
Ovseyan, A. - Oceania yesterday and today. p. 16.
Makshkovskiy, K. - Doctrine of "Open doors." p. 17.
Muredian, A. - Oceania and U.S. neocolonialism.
p. 20.
Stepan'yan, S. - "Babylon" of the Pacific Ocean.
p. 24.
Molisev, L. - On the track of Mikishko-Makel. p. 28.
Babinov, M. - Present-day stone age. p. 34.
Lagorodskiy, I. U. - Time of changes (conclusion). p. 36.
Durr-al-Daim, A. - A girl with the rifle. p. 37.
Savchenko, A. - Three cities in one. p. 38.
Kretek, people, and facts. p. 43.
Lashkova, M. - Through the eyes of Soviet artists.
p. 46.
Khasanov, A. - Mwangi Mbandi Ngola. p. 53.

BYELARUS' [WHITE RUSSIA]. Organ of Belarus' pis'menn-
naya BEER [Association of Writers of the White Russian
S.S.R.]. Minsk, no. 12 (241), 1968; no. 1 (242), 1969.

BIAROSKA [THE LITTLE BIRCH]. Issued by Tsentral'nyy komitet Leninskaya komunisticheskaya sektsiya molodoi Belorossi and Respublikanskiy Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 44, no. 13, Dec. 1964.

BIBLIOTEKA "KOMSOLOLSKOI PRAVDY" [LIBRARY "KOMSOLOL TRUTH"]. Moscow, nos. 6-9, 1965.

BIBLIOTEKA "OGONEK" [LIBRARY "THE LITTLE LIGHT"]. Moscow, nos. 4, 43, 47, 50-53, 1963.

DADETS [THRISTLE]. Riga, no. 23, 1964. [In Latvian].

HOTUS', zhurnal plastovogo novatstva [BE PREPARED; Journal for Plast Youth]. Issued by Plast, Inc. New York, nos. 8040, Oct. 1964; nos. 1-2, Jan.-Feb. 1965.

KAPKAN [THE TRAP]. Cheshobskiy, nos. 22-24, Dec. 1964; no. 1, Jan. 1965. [In Chechian].

KITAI [CHINA]. Published by Izdatel'stvo literature na konstruiyemuyu karyerku [Publishing House for Literature in Foreign Languages]. Peking, no. 10, 1964.

KOREIA [KOREA]. Pyongyang, nos. 9-10(45-46), 1964.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, nos. 23, 24-26, Nov.-Dec. 1965; no. 1, Jan. 1966.

KULTURNI BARAI [LANDMARKS OF CULTURE]. Issued by LTER Kulturov skolaforija [Ministry of Culture of the Lithuanian S.S.R.]. Vilnius, no. 9, Sep. 1964. [In Lithuanian].

MADENIET KIJANI TURMYB [CULTURE AND LIFE]. Issued by Madenieturvo ind'itry Kasakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 12(12), Dec. 1964; no. 12(12), Jan. 1965. [In Kazakh].

MASHA KHEIM [OUR LIFE]. Issued by Vsesoyuznoe obshchestvo slopykh [All-Russian Society of the Blind]. Moscow, vol. 46, no. 1, Jan. 1965.

MOORUB [YOUTH]. Issued by Keestima Lemulien Komunistilinen Nuorisoyhdistys Kaikkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 23, no. 12, Dec. 1964. [In Estonian].

NOVAIA ALDAMIA [NEW ALDAMIA]. Tirana, nos. 5-6, 1964.

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literature na konstruiyemuyu karyerku [Foreign-Language Publishing House]. Pyongyang, no. 10(247), 1964.

OGONEK [THE LITTLE LIGHT]. Moscow, nos. 1, 2, 3, 1964, 1965, 1970, Jan.-Feb. 1966.

PERETS [PEPPER]. Issued by Vydavystvo [Publishing House] "Radnianska Ukraina." Kiev, vol. 43, no. 23 (201), Dec. 1964; vol. 43, no. 19(203), Jan. 1965.

PIONEER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoyuznogo Leninskogo komunisticheskogo soюза molodezhi i Tsentral'nyi sovet Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, no. 1, Jan. 1965.

PIONEER [PIONEER]. Krtiva, no. 10, 1963. [In Armenian].

PIONEER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, nos. 4-9, Aug.-Sep. 1965. [In Turkmen].

PIONERIIA [PIONEERS]. Issued by Tsentral'nyi komitet Leninskogo komunisticheskogo soюза molodi Ukrainy and Respublikanskiy Sovet Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 46, no. 10(43), Jan. 1965.

POLSKA [POLAND]. Warsaw, no. 12(72), 1964.

POSEV [SOWING]. Frankfurt/Main, vol. 24, no. 1(123), Jan. 1964.

RABOCH-KORRESPONDENTSKII KORRESPONDENT [WORKER AND PRAGMATIC CORRESPONDENT]. Published by Izdatel'stvo [Publishing House] "Pravda." Moscow, nos. 1-2, Jan.-Feb. 1964.

ROVERNIK [CONTEMPORARY]. Issued by Tsk VIKEM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U.S.S.R.]. Moscow, vol. 7, no. 10(76), Oct. 1965.

SEL'KHAIA MOLODEZH' [RURAL YOUTH]. Issued by Tsk VIKEM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 12, Dec. 1964.

SEML' [BUNBLEBEE]. Almaty, vol. 13, no. 11, Nov. 1963.

SLUOTA [THE BROOM]. Issued by Lietuvos Komunistinis partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 18, 22-23(237, 241-242), Sep., Nov.-Dec. 1963. [In Lithuanian].

SOOLANIE [CONCORD]. Los Angeles, Calif., vol. 18, no. 208, Feb. 1965.

SOTIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Kholivatsiro kul'tury USSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no. 1, Jan. 1962.

SOVETSKII SOUZ [SOVIET UNION]. Moscow, no. 2(22), 1962.

SVYTYRY [THE LIGHTHOUSE]. Vilnius, vol. 24, nos. 23, 24(478, 480), Nov.-Dec. 1964. [In Lithuanian].

TURIST [TOURIST]. Issued by Vsesoyuznyi [All-Union Central Council of Trade Unions]. Moscow, vol. 2, no. 12, 1962.

UKRAINA [THE UKRAINE]. Published by Vydavystvo "Radnianska Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 45, 46(517, 523) Nov.-Dec. 1964; vol. 26, nos. 1-2(224-225), Jan. 1965.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 27, no. 12(234), Dec. 1964.

VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, vol. 20, no. 10, Oct. 1964.

VORHYK [RED-GELOO]. Minsk, vol. 22, nos. 21-24(244-247), Nov.-Dec. 1964.

VERSVIT. THE WORLD. Issued by Spilka pyet'snykhiv Ukrainy and Ukrain'she tovarystvo druzhby i kul'turno sp'ivatsio s karubichnyy krajinny [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 13, no. 1(27), Jan. 1965.

VYVOL'NYI SHLAKH [LIBERATION PATH]. London, vol. 21, no. 11(2148/9), Nov.-Dec. 1963.

SHENT GLUKHNIK [LIFE OF THE DEAF]. Issued by Vsesoyuznoe obshchestvo glukhnikh [All-Russian Society of the Deaf]. Moscow, vol. 22, no. 1, Jan. 1965.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

BIBLOS. JOURNAL UKRAINE'SKII BIBLIOGRAFI [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 18, no. 1, Jan.-Mar. 1965.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFIICHESKIH SPISOKOV I KARTOTEK, SOSTAVLYENNYKH BIBLIOTEKAMI SOVETSKOGO SOUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 13, nos. 1-2, Jan. 1965.

KNEZHAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoyuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 63, 1965.

LATVIAS PER PRIGRIS HROMKA. LETOPIS' PECHATI LATVIEKOS SER [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PER grunats palata [Book Chamber of the Latvian S.S.R.]. Riga, no. 7, July 1964.

LETAPIS DRUKU SSSR. LETOPIS' PECHATI SSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R.]. Issued by Detskajevskaja biblioteka SSSR and Knizhnaia palata SSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.]. Minsk, no. 8, Sep. 1965.

LETOPIS' KHUMAL'NYKH STATIE [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoyuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 48, 47-49, 1963.

LITERATURA I ISKUSTVO [LITERATURE AND ART]. Issued by Gosudarstvennaia biblioteka SSSR imeni V. I. Lenina [V.I. Lenin State Library]. Moscow, nos. 1-3, 1967.

MIROVOE TRENTI DANOYKH B1. Katalog publikatsii. Obshchii [WORLD DATA CHAPTER B1. Catalog of Publications, General]. Moscow, nos. 8, Jan.-July, 1963; nos. 15-18, Jan.-Dec. 1966; no. 18, July-Dec. 1967.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh konstruiyemikh knig, postopyvshikh v Biblioteku imeni V. I. Lenina. Seria 1: Fiziko-matematicheskie i khimicheskie nauki, nauki o zemle, tekhnika i tekhnicheskije nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences]. Vol. 14, nos. 1-6, Jan.-Feb. 1965.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh konstruiyemikh knig, postopyvshikh v Biblioteku imeni V. I. Lenina. Seria 2: Biologicheskie nauki, nauki o zhizni i zhivoticheskije nauki, nauki o tekhnologii i tekhnicheskije nauki, nauki o zhivoticheskije nauki, nauki o tekhnologii i tekhnicheskije nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological Sciences, Agriculture and Forestry, Agricultural and Forestry Sciences, the Health Service, Medical Sciences]. Vol. 13, nos. 1-6, Jan.-Feb. 1965.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh konstruiyemikh knig, postopyvshikh v Biblioteku imeni V. I. Lenina. Seria 3: Obshchestvennye nauki, khudozhestvennaja literatura, literaturo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Fiction-Literature, Art]. Vol. 13, nos. 1-6, Jan.-Feb. 1965.

NAUROS KNYGOS [NEW BOOKS]. Vilnius, nos. 10-12(70-71), 1965. [In Lithuanian].

NOVAIA LITERATURA O NAUKI I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE I NA RUDSTVO [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-9, 1965.

NOVAIA LITERATURA PO BOLGARI [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-10, 1964.

NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 7, 1965.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-9, 1965.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], and others. Moscow, nos. 6-9, 1964.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-9, 1964.

NOVAIA LITERATURA PO RUMYNI [NEW LITERATURE ON ROMANIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-10, 1965.

NOVAIA LITERATURA PO VENGHI [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-9, 1963.

NOVAYA SOVETSKAYA I DNOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-9, 1966.

NOVAYA SOVETSKAYA LITERATURA O NAUKE I NAUCHNO-ISLEDYVATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vsesoyuznoe obshchestvennoe izdatel'stvo knizhnykh [All-Union Association "International Book"]. Moscow, no. 60, Dec. 1966, no. 1, Jan. 1967.

NOVYE KNIGI NA RUBEZHOM. Seriya V: Biologiya, meditsina, sel'skoe khozaystvo [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES: Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 13, no. 11, Nov. 1966.

NOVYE KNIGI NA RUBEZHOM PO OBNESHTVENNYM NAUKAM: ekonomika, filozofiya, istoriya, mekhanika, rodye obozremeniya [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES: Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 11, no. 11, Nov. 1966.

RAAMATUKHOONKA. KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Tallinn, no. 2, Apr.-June, 1966, index for 1967.

SOVETSKAYA BIBLIOGRAFIYA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoyuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1101, 1967.

Table of contents translated:
The year of the 50th anniversary of the Great October Revolution. p. 3.
Chernikova, L. B. - Bibliographical services in the libraries of the Academies of Sciences of the Union republics. p. 7.
Volkov, E. T., Chernikova, V. M. - Current bibliography of postwar rural literature. p. 14.
Ivanova, V. A., Kostikova, L. V., Mikhlin, L. I. - Using a recommended system for the classification of literature on local history. p. 22.
Krasova, O. N. - Coordination of informational and bibliographical services in the field of geological sciences. p. 30.
Khristianova, L. V. - An alphabetical subject index to the classified catalogs of the children's libraries. p. 34.
Guseva, A. V. - The 40th anniversary of printed cards on books. p. 62.
A discussion of problems relating to the informational services of agricultural libraries. p. 67.
Mikhlin, A. D. - A conference of the libraries of Siberia and the Far East. p. 70.
Filipov, M. R. - A conference of the libraries of institutions of higher education. p. 74.
A news chronicle. p. 79.
Savitskii, R. I. - Real and imaginary barriers. p. 82.
Kamen, Isakov. - An all-Bulgarian classified bulletin of foreign books. p. 91.
Brief news. p. 97.

A. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKARI [THE LIBRARIAN]. Organ of Ministerstva kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 13, Dec. 1966.

Table of contents translated:
You should participate in the review. p. 1.
Ishchenko, R. - In R. K. Kropotkin's works. p. 3.
Makalo, L. - On a city-blue screen. p. 10.
Toward new achievements in our work. p. 12.
Krasovskii, K. - "You should learn to study as V. I. Lenin did." p. 20.
K. A. - At the sources. p. 22.
Skryabin, M. - A workshop of trained librarians. p. 24.
Olshova, Z. - According to Kropotkin's plans. p. 28.
Orlov, E. - How to study R. K. Kropotkin's works. p. 31.
Bogdanovskii, M. - We are studying the heritage of Nadezhda Konstantinovna. p. 35.
Bekasova, A. - A valuable source. p. 36.
Bukharinova, L. - Green light for agricultural books. p. 38.
Borkova, M. - Books serve as a school for forest wardens. p. 41.
Dolgov, M. - For deer breeders, hunters, and fishermen. p. 43.
Lisov, V. - It is an indispensable condition to know the readers. p. 44.

Romanova, L., Kida, R. - We try to develop an interest in self-education. p. 47.
Kaplan, E. - There should be special appropriations for school libraries. p. 50.
Answering your questions. p. 52.
Davydova, M. - Fiction literature in rural libraries. p. 52.
Bogdanovskii, R. - Quantity as well as quality. p. 54.
Kartashov, N. - A proposal of a discussion on the readers' interest. p. 57.
Lisov, V. - A library is 100 years old. p. 58.
O. S. Cheloban's 60th birthday. p. 59.
Books published in 1966. p. 62.

4. PRINTING & THE BOOK TRADE

POLIGRAFIYA [PRINTING]. Organ of Gosstatizvestiyi [State Statistical Committee of the U.S.S.R.]. Moscow, no. 12, Dec. 1966.

RAIOPROSTRANSTVO PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Gosstatizvestiyi [State Statistical Committee of the U.S.S.R.]. Moscow, no. 12, Dec. 1966.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAYA DNOSTRANNAIA LITERATURA PO FILOSOFI [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-10, 1966.

NOVAYA SOVETSKAYA LITERATURA PO FILOSOFI [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-10, 1966.

VOPROSY FILOSOFI [PROBLEMS OF PHILOSOPHY]. Issued by Institut filozofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, 1966.

Table of contents translated:
Rumyantsev, A. M. - Marxist ideology and social sciences. p. 3.
Baklanov, O. I. - The working class of socialist society in the era of the scientific and technological revolution. p. 14.
Rumyantsev, O. I. - Impact of the scientific and technological revolution on the socialist country. p. 24.
Mukov, N. V. - Intellectual and manual work: overcoming fundamental differences between them in the process of the scientific and technical revolution. p. 27.
Tikhonov, V. B. - A systematic and structural approach and the characteristics of philosophical knowledge. p. 47.
Tikhonov, V. B. - Concept of extension and the description of physical reality. p. 54.
Rudakov, A. L. - Formal characteristics of statements which describe the laws of nature. p. 71.
Ershova, V. K. - Ethics and logic. p. 78.
Krasovskii, O. A. - Present-day forms of the correspondence theory of truth. p. 84.
Kloster, O. G. - Critique of empirical theology. p. 94.
Andreev, E. P., Ostrov, G. V. - Mathematics and sociology. p. 104.
Ushakov, I. I. - Logic of material reflection. p. 115.
Boris, M. K. - Reasoning about Kantianism. p. 125.
Ostrovskii, T. I. - Substances of the question "What is philosophy?" p. 134.
Petrov, E. V. - Brain and psychology: an answer to D. I. Detsky. p. 148.
N. P. - A French philosopher's views on structuralism in literary criticism. p. 173.
Lisov, M. K. - Perspectives in modern physics. p. 176.
Articles published in foreign periodicals. p. 181.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademicheskaya psichologicheskaya knizhnaia palata [Academy of Psychological Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 3, May-June 1966.

Table of contents translated:
Kobzarev, V. R. - Marxism as methodology of scientific psychology. p. 5.
The teacher and psychology. p. 18.
Krasovskii, E. P. - Determination of the behavior by the probable structure of the situation. p. 34.
Boris, E. S., Volkov, V. N., Zhirnovskaya, E. A. - Electroencephalographic studies during the process of recognizing tachistoscopically presented pictures. p. 46.
Ishchenko, R. M. - Some regularities of the operator training process. p. 47.
Kida, D. O. - Perception of the duration and temporal characteristics of sensorimotor responses. p. 54.
Avtanov, R. A., Rudakov, V. M. - Changes in the constant potential of the cortex and deep structures of the human brain in emotional reactions. p. 63.

Gray, J. A. - Strength of the nervous system, introversion-extraversion, conditioned reflexes and activation reaction. p. 77.
Ishchenko, R. M., and others - Some qualitative linguistic characteristics of aphasia. p. 90.
Tonkova-Lampel'skaya, R. V. - Development of speech intonation in infants during the first two years of their life. p. 94.
Oshin, M. B. - Experience in psychological analysis of algebraic errors. p. 103.
Kobzar', L. I. - Some characteristics of the formation of research skills in schoolchildren. p. 110.
Ishchenko, R. M. - Some psychological problems in the activity of the crop grower. p. 116.
Petrov, L. S. - Role of the specificity of objects in the determination of the volume of the visual perception in volleyball players. p. 124.
Akhmetov, N. Z. - Characteristics of evaluation and self-evaluation in the studies of first to fourth grade schoolchildren. p. 131.
Baklanov, A. I. - Experience in the study of natural behavior in animals. p. 132.
Luria, A. R. - Process of reflection in the light of contemporary neuropsychology. p. 148.
Dustanov, Jose, A. - Development of psychology in Cuba. p. 154.
Paskova, L. L. - Some possibilities in the processing of experimental data on the stability of attention by the proof-sheet test method. p. 161.
Kharkevich, V. Kh. - Finger-operated kineasthesiometer. p. 168.
Rovinski, L. I. - Discussion of the problem of will, psychology of its formation and self-education. p. 181.
Tonkova, L. M. - Psychological methods of examination in clinical practice. p. 183.
Avtanov, V. G. - International exchange of scientific information. p. 187.
Pitirin Ivanovich Basmaylov: an obituary. p. 198.

Vol. 14, no. 4, July-Aug. 1966.

Table of contents translated:
Rudakov, A. A. - On the centennial of "Pedagogical anthropology" by K. D. Ushinskiy. p. 3.
Rumyantsev, A. M. - Some theoretical problems in the study of spatial perception and concepts. p. 18.
Nebylitsyn, V. D. - General and particular properties of the nervous system. p. 26.
Belanova, E. A., Zinchenko, V. P., Vergilov, N. I. - Study of perceptive actions as related to the insight theory. p. 44.
Zaslavskaya, M. D., Ponomarev, V. A. - Some problems of the reliability of the operator's activity in cases of failures of an automatic control system. p. 49.
Gorbanov, G. D. - Study of the effect of physical loads on operative thinking and the rate of information processing. p. 87.
Guseva, L. L. - Structural characteristics of heuristic processes and the conditions of their formation as productive components of problem solving. p. 70.
Markova, A. K. - Psychological problems of learning style in the school. p. 93.
Krasovskaya, L. V. - Children's attitude towards art and its age-related development. p. 95.
Larion, R. E., L. B. Vygodskii's ideas of speech planning in children. p. 108.
Petrov, M. I. - Characteristics of speech manifestations in infants during the first half-year of the second year of age. p. 116.
Petrov, V. V. - One form of visual perception disorder in schizophrenia. p. 121.
Vilov, I. I. - Individual approach in educational work. p. 133.
Volkov, A. A., Malinin, I. D., Mikhlin, M. M. - Determination of the operator's transmission function by means of a self-adjusting analog. p. 143.
Kamyshov, L. A. - Methodology of motion-picture registration of eye movements for the determination of the direction of the operator's gaze. p. 148.
Baklanov, M. V., Egorov, V. A., Kuznetsov, V. N. - Evaluation of the strain level of activity under conditions of hypoxia and oxygen breathing under stress pressure. p. 151.
Baklanov, K. A. - Preliminary of experimental psychology. p. 157.
Petrov, L. I. - Skin reception and the possibility of utilizing the skin analyzer for communication. p. 161.
Chapchikova, M. L., Ushakov, T. M. - Once more on the induction hypothesis of the limitations of the volume of attention. p. 170.
Luria, A. R. - Study of the developmental characteristics in students of auxiliary schools. p. 177.
Mikhailovskaya, M. A., Melnik, M. R., Dushkevich, T. I. - Psychological problems of training and education at the All-Union Anniversary "Pedagogical Readings" of the Academy of Pedagogical Sciences of the U.S.S.R. p. 179.
Kirshin, A. M. - Seminar on the problems of social psychology. p. 183.
Kuznetsov, V. N. - Birth of a new tradition. p. 187.
Baklanov, E. A. - Conference on psychodidactics. p. 187.

b. RELIGION

HOLON SPASYTELIA. REDDELMER'S VOICE. Issued by Otial Redemptoryy (Redemptorist Fathers). Yorkton, Canada, vol. 41, no. 3, 1966.

LUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannya" Ukrainol'noi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 12 (90), Dec. 1966.

- Dumova, M. G. - Little-known materials on the history of the Kornilov uprising. p. 87.
 Lavandovskii, A. P. - Problem of the origin and disintegration of nationalities in the Middle Ages. p. 84.
 Kuznetsov, A. P. - Work of historians; the path of historical research. p. 104.
 Struggle for the industrialization of the U.S.S.R. p. 111.
 Iliash, E. - Our war (conclusion). p. 128.
 Grigulevich, I. R. - The liquidation and the verdict of history (conclusion). p. 144.
 Shelostov, D. K. - Recent historiography of the civil war in the U.S.S.R. p. 153.
 New books. p. 178.
 Historical articles published in Soviet periodicals p. 180.
 Brief notes p. 184.
 Historical articles in periodicals published in socialist countries. p. 190.
 Grishin, M. M. - German fascism in Latin America, 1933-1943. p. 193.
 Foreign reviews of Soviet historical studies. p. 198.
 Brief notes about historical books. p. 201.
 Yefimovskii, V. A. - Celebration of the 31st anniversary of the Great October Revolution in Petrograd. p. 203.
 Kuznetsov, P. V. - P. E. Shchegolev, a "Chapman of Siberia." p. 207.
 Kopylov, M. I. - Heroism of workers in navy coats. p. 212.

5. ARCHAEOLOGY & ANTIQUITIES

- AKADEMIYA NAUK SSSR. Institut arheologii. Kratkie soobsheniya o drevnikh i polovnykh isledovaniyakh [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Excavations]. Moscow, no. 11, 1967. Studying the monuments of the Stone Age.
 Table of contents translated.
 Chernyshev, A. P. - Names of the implements of the Upper Paleolithic period. p. 3.
 Abramova, Z. A. - Bunting-type tools in the Paleolithic assemblages of the Yenisey Valley. p. 11.
 Anisimov, S. M. - Axes of the Upper Paleolithic period in the Yenisey Valley. p. 18.
 Druzhin, N. D., Pilyugin, A. K. - First find of the artifacts of Paleolithic art in the steppes of Southern Russia. p. 24.
 Tarasov, L. M. - Dating the Ogarino Paleolithic campsite. p. 31.
 Plesetsk, T. B., Gornostayev, M. M. - A recently found skeleton from Vukhany. p. 38.
 Trifun, V. L. - Fossil animals found during the excavation of settlements of the Gusal'nikiy culture in the U.S.S.R. p. 43.
 Petrenko, V. F. - Polychrome determination of minerals and the regions of their mining by the tribes of the period of primitive agriculture in the southwestern U.S.S.R. p. 60.
 Chernyshev, E. K. - Workshops of the Tripel'ye period for the processing of flint. p. 60.
 Troitskiy, V. P. - Ural elements in the pitied and comb-shaped pottery of the "Yugoslav" style. p. 67.
 Lukina, V. P., Shkhetovskii, V. E. - The study of Nevalskaya Cave in 1966. p. 73.
 Belikov, E. A. - Brief information on the excavation of Adzharyk' Cave in 1966-1968. p. 80.
 Grigor'eva, G. V. - The Dol'inskaya Akharkha campsite and its place among the monuments of the Upper Paleolithic period in the southern U.S.S.R. p. 83.
 Gurel'skiy, M. I., Korobkov, L. I. - A Stone Age site near the village of Khayma'. p. 86.
 Gavrilenko, I. V. - New monuments of the Neolithic period in Krasnodar Province. p. 90.
 Tikhonov, L. M. - Neolithic monuments of the South Valley. p. 100.
 Lermanov, V. P. - Settlements of the Neolithic period in the Malya Valley near the city of Lipetsk. p. 116.
 Gurina, N. N. - New developments in the study of White Russian culture. p. 121.
 Work of the Section of the Paleolithic Period in 1963-1966. p. 125.

- SOVIETSKAYA ARKHEOLOGIYA [SOVIET ARCHAEOLOGY]. Issued by Institut arheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1968.
 Table of contents translated:
 Yefimovskii, V. P. - Culture of pitied and comb decorated pottery in the northern and northwestern parts of the European U.S.S.R. p. 3.
 Mamonchukova, L. N. - Problem on the Babalovka culture. p. 10.
 Kostin, P. M. - The Gobi quadrangle. p. 33.
 Bakina, M. B. - Excavations of the PM II, 8. p. 41.
 Tikhonov, L. A., Mogilnikov, V. A. - Fishing by the inhabitants of the forested Irtysh River Valley in the Iron Age. p. 84.
 Rukov, O. M. - Kerkene of the Barik dynasty and the symbol of the falcon. p. 87.
 Daryevskiy, V. P. - Bronze-age elements in ancient Russian art and their adaptations. p. 70.
 Alekseyev, L. V. - White Russian archaeology and historical regional studies in the second half of the 19th and the beginning of the 20th century. p. 85.

- Doroshchik, V. L., Zaidarnik, I. U. M., Terentev, A. L. - S. M. Babitskiy's 60th birthday. p. 123.
 Rykov, A. A., R. R. Ponomarev 1818-1928. p. 106.
 Tikhonov, E. M. - Ust-Kutok campsite of the Klenovskaya type in the Vyborgskaya Valley. p. 107.
 Abramova, Z. A. - New burials of the Klenovskaya period from the Klenovskaya-Balka A.S.S.R. p. 114.
 Borovskiy, I. U. - Graveyards of Pskov. p. 131.
 Kuznetsov, V. A. - The "Middle" Zaleschok Church. p. 137.
 Vysharova, Zh. N. - Bulgarian monuments from the end of the 8th through the 11th century and their ethnic affiliation. p. 148.
 Orlov, S. M. - Archaeological exploration in the lower Malya Valley. p. 158.
 Balashov, O. D. - Two tombs of the Rusov school of painting. p. 172.
 Orlov, S. M. - Some Transbaikalian copper and bronze artifacts of the Klenovskaya type in the Middle Bronze Age. p. 180.
 Prishchak, A. D. - A settlement of wooden-walled houses in the Vozgovskaya Valley. p. 183.
 Tikhonovskiy, V. L. - The Klenovskaya burial mound found in 1961. p. 185.
 Mamonchuk, E. - Polish archaeological explorations of 1967 in the Novo Valley, Bulgaria. p. 184.
 Khromskiy, P. P. - Photographic descriptions on the cliffs of the Bol'shoy Kladitskiy ridge. p. 188.
 Salov, A. L. - Accidental findings in Anapa and its environs. p. 202.
 Vorobkov, L. L. - A portrait from Palmyra in the Hermitage collection. p. 208.
 Ruzick, A. P. - A catacomb burial ground of the 7th-8th centuries near Krasnodar. p. 215.
 Mamonchuk, M. V. - Industrial buildings in the urban quarter of Balaklava. p. 214.
 Fedorov, M. M. - Fargana treasure-trove of the Karakumskaya durbana 1934-1943. p. 221.
 Mamonchuk, M. V. - Orchestral helmets with masks in the Army of the Moscow Kremlin. p. 227.
 Kornak, A. I. - Construction of the vertical composition of the Saint Sophia Cathedral in Kiev. p. 233.
 Galkin, L. L. - Some famous tiles from the ancient site near Solovki. p. 238.
 Dandilov, B. G. - Crypts in the upper Liskva Valley. p. 243.
 Lavrenko, A. L. - Burial mounds and the river network in the southwestern Caspian Lowland. p. 248.
 Mikhlin, A. M., Gornostayev, M. G. - Experience in applying the method of phosphate analysis for exploring ancient settlements in Pskov Province. p. 251.
 Petrovskiy, V. G. - Second Kharkov Conference on Problems of Soviet and foreign archaeology. p. 257.
 Dzhordzhiev, V. A. - At the archaeological sessions in Tallinn. p. 263.
 Krutikova, L. T. - V. V. Veselov; obituary. p. 268.
 Lednitskiy, D. - Kharkovskiy, A. - In memory of Jan Petersen. p. 269.

6. SOCIAL SCIENCES

a. COMMERCE

- BULLETEN' DROSTRAHOI KOMMERCHESKOI INFORMATSIYI prikladnaya [BULLETIN OF FOREIGN COMMERCIAL INFORMATION] (Supplement). Issued by Nauchno-issledovatel'skiy tsentr "Vneshnaya Ekonomika" [Scientific Research Institute of Foreign Trade]. Moscow, no. 12, 1968.
 Contents: [Foreign trade in various fields of industrially developed capitalist countries and the developing countries; a statistical manual] Vneshnaya torgovlya chernymi metallami i promyshlennymi ravnymi kapitalisticheskimi i razvivayushchimi stran. Statisticheskii spravochnik. 79p.
 No. 13, 1968
 Table of contents translated:
 Bask, I. U. M. - Models of the organization of foreign trade in the European socialist countries. p. 13.
 Shchegolev, V. P. - Foreign trade of Cambodia. p. 23.
 Kuznetsov, I. U. V. - International commodity agreements. p. 43.
 No. 14, 1968
 Table of contents translated:
 Kuznetsov, A. L. - Methodology of determining foreign trade prices for machinery and equipment. p. 3.
 Voznesenskaya, V. A. - The woodpulp-paper equipment market of capitalist countries. p. 31.
 Polunin, D. V. - Foreign trade of Kenya. p. 63.
 Agapov, D. L. - Indices of vessel chartering. p. 68.
 KOOPERATIV KAKAJSYAKA [THE COOPERATIVE WORKERS OF KAZAKHSTAN]. Issued by Nauchno-issledovatel'skiy tsentr "Vneshnaya Ekonomika" [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 11, no. 12, Oct., Dec. 1968.
 NOVIYE TOVARY: informatsionnyy klad [NEW COMMODITIES: information Bulletin]. Moscow, no. 12, 1968.
 PROBLEMY INZHENERNOI PSIKHOLOGII [PROBLEMS IN ENGINEERING PSYCHOLOGY]. Issued by Belkita "Psikhologiya i kibernetika" Nauchnogo soveta po kibernetike pri Prezidentskom Akademii nauk SSSR [Section of Cybernetics Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Leningrad, no. 2, 1968.
 Table of contents translated:
 Zinchenko, P. I., Zinchenko, V. P. - Study of sensory

- in connection with problems in engineering psychology. p. 3.
 Mervinskii, P. B. - Volume of memory and the amount of information. p. 10.
 Repina, O. V. - Study of operational memory. p. 116.
 Rybakova, M. L. - Methods for information coding. p. 118.
 Lianin, V. I. A. - Structure of sensory action. p. 178.
 Zhukovskiy, I. M. - Genesis of the operations in sensory action. p. 207.
 Repina, O. V., Gerasimov, O. K. - Some conditions for the effective use of memory in a training process. p. 211.

SOVIETSKAYA TORGOVLYA [SOVIET COMMERCE]

- Issued by Gosstatizvestiya komitet SSSR po torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 45, no. 12, Dec. 1968.
 Table of contents translated:
 Pot'khovskiy, A. - Lenin's ideas on the welfare of the people are being realized. p. 3.
 Ivanova, T., Lianin, V. - "Profitable" and "unprofitable" goods. p. 7.
 Podgornaya, N. - Principles of commercial work. p. 10.
 Timofeeva, R. - Build commercial buildings faster. p. 16.
 Lashov, I. U. - Trade transport of the capital. p. 18.
 Tariverdyan, L. - On the mechanism of ties of trade and production. p. 23.
 Kuznetsov, M. - What the experience of fair prospects. p. 28.
 Kuznetsov, G. - The Kuznetsov facts and the Ulyanovsk road. p. 33.
 Gavrilenko, L. - Novosibirsk "Orbita." p. 40.
 Plesetsk, A., Dzhukova, V., Gromoslavskiy, O. - Pet cement fruit in plastic containers. p. 49.
 Pot'khovskiy, A., Rybakova, T., Dan'ko, V. - Coding of commercial and economic information. p. 44.
 Binkov, I. - The market of home refrigerators. p. 47.
 Krasnitskiy, G. - How does one find an article in a price list? p. 53.
 "Where to place specialized stores." p. 61.
 Kuznetsov, G. - Exhibition of trade equipment for Cuba use. p. 64.

TORGOVLYA ZA RUBEZHOM [TRADE ABROAD]. Organ of Gosstatizvestiya komitet SSSR po torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, no. 12, 1968.

VNESHNAYA TORGOVLYA [FOREIGN TRADE]. Organ of Ministerstva vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 40, no. 1, 1968.

- Table of contents translated:
 The new achievements and the new accomplishments. p. 3.
 Lenin and the development of foreign economic ties of the Soviet state. p. 4.
 Aleksandrov, A. - On the basis of mutual profit. p. 13.
 Agapov, D. - Soviet-Lithuanian trade relations. p. 16.
 Kuznetsov, G. - Imports, exports, and negotiations. p. 28.
 Nikol'skiy, M. - The permanent committee of the Common in operation. p. 33.
 In the Mutual Economic Assistance Council. p. 30.
 Agapov, V. - Leningrad typesetting machines. p. 30.
 Korotkiy, D. - Studying the condition of the capitalist economy. p. 33.
 Transactions and contracts. p. 36.
 Karpovskiy, S. - Soviet scientific books in India. p. 40.
 Fedorov, I. U. - "Public relations" in the system of influencing the customer. p. 41.
 With the help of the U.S.S.R. p. 43.
 Savenko, I. U. - The uranium concentrates market. p. 46.
 Exhibitions and fairs. p. 48.
 World trade in 1967 by the groups of countries. p. 54.
 Announcements. p. 69.
 State of the "Technopromtransport" All-Union Import Combine. p. 83.

Vol. 40, no. 2, 1969.

- Table of contents translated:
 Pichkin, M. - Twenty years of informal cooperation. p. 3.
 Lenin and the making of foreign economic ties of the Soviet state. p. 4.
 Isupov, V. - Trade of the U.S.S.R. with the Democratic Republic of Germany. p. 14.
 Lashov, L. - Soviet-Soviet trade relations. p. 20.
 Bulgakov, V. - Trade of the U.S.S.R. with Belgium. p. 24.
 Parkov, V. - The electric power prospects for export. p. 26.
 Zhurav, G. - School of progressive technological practice. p. 32.
 Mironov, V. - Production of the "Migma" Combustor. p. 34.
 Iryk, V., Franklin, A. - Siberia on state trade. p. 34.
 Baranovskiy, I. - International socialist transport. p. 40.
 Orlov, V. - The "Common Market" is a tangle of contradictions. p. 44.
 "Aviostroyka-68." p. 54.
 Mironovskiy, I. - The sugar market and the problem of overproduction. p. 65.
 Announcements. p. 80.

6. ECONOMICS

AKADEMIYA NAUK AZERBAIJZHANSKOY SSR, Baku.
Dovodila Seriya ekonomika [ACADEMY OF SCIENCES
OF THE AZERBAIJHANI U.S.S.R. Bulletin. Section in
Economics]. Baku, no. 2, 1968.

Table of contents translated:
Ismayeva, Adilim. Dissemination of the knowledge of
economics in the most important task of organization
of the "Zemskoy" v. 141. p. 50.
Fomichuk, I. I. Labor and technical progress. p. 56.
Ayatov, T. I. I. Potably scholar of technical Azerbaijan
p. 64.
List of dissertations submitted on a part of the require
ments for the degree of doctor, and candidate of
economic sciences. p. 70.

EKONOMIKA I ORGANIZATSIYA PROIZVODSTVENNOY
PRIZVODSTVA [ECONOMICS AND ORGANIZATION
OF INDUSTRIAL PRODUCTION]. Issued by Minister-
stvo vysshneye i sredneye spetsial'nyye obrazovaniya
(Ministry of Higher and Secondary
Special Education of the Ukrainian U.S.S.R.). Kiev,
no. 2, 1968.

Table of contents translated:
Abdullayev, I. B. Analysis of water working time in
machinery manufacturing enterprises. p. 2.
Abdullayev, I. B. Determining optimal conditions of
the work of equipment in building production. p. 10.
Aliev, V. A., Melnikov, N. N., Tikhonov, N. N.
Determination of increasing labor productivity in
large shops. p. 16.
Vasilenko, I. B. Introduction of standard accounting
in manufacturing of heavy machinery manufacturing
p. 22.
Belikova, I. V. System of the specialization of
machinery manufacturing production. p. 22.
Gidary, O. D. Calculating the percentage per centage
of finishing the output item. p. 30.
Zamiatina, A. G. Conditions of the dynamics of the
capital stock and its qualitative work. p. 42.
Zamiatina, A. G. Technological progress and the effi-
ciency of social production. p. 50.
Zakharov, A. H., Nagayev, H. V., Zhelezov, V. I.
Network methods as a means of operations planning
and management in assembly shops. p. 56.
Melnikov, V. A. Improving planning for the number
of work workers and the piece rate wage fund in the
section of large equipment with the aid of elec-
tronic computers. p. 64.
Kuznetsov, L. A. Developing a standard base for the
management of planning and economic work. p. 70.
Kobzarev, H. D. Determining the economic efficiency
of production of new equipment. p. 76.
Polovnikov, K. K. Method of finding out a solution for
manipulator parts with the aid of electronic com-
puters. p. 80.
Zakharov, V. V. Method of calculating the cost of
new large machinery at the early stages of design-
ing. p. 84.
Chernomir, V. I. Correlation analysis of the cost of
production output. p. 88.
Gidary, A. P., Kalitovskiy, A. Application of mathe-
matical methods in establishing norms for working
capital in coal mines. p. 100.
Ramonov, K. H., Kulev, B. A., Melnikov, V. M.
Improving the use of capital production funds in the
coal industry of the Ukrainian U.S.S.R. p. 112.
Gidary, A. V., Melnikov, K. K., Chelodkovskiy, M. N.
Methods of the optimal use of labor workers. p. 126.
Gidary, A. M. Effect of organization of the repair
of blast furnaces. p. 130.
Kozlovskiy, V. A., Hovak, A. I. Effect of the
duration of the cooling on the timely production of
short rolling mills. p. 136.
Gidary, I. A. Analysis of network in the late
stages of the blast furnace. p. 140.
Polovnikov, V. V. Improving the work of the
large capacity open hearth plants with combined
oxygen supply. p. 142.
Melnikov, A. A., Nagayev, H. M. Ways of reducing
metal consumption in the production of billets on
the open hearth. p. 148.
Kulev, V. I. Using the theory of correlation for the
analysis of the quality of coke. p. 154.
Gidary, V. M. Improving planning for the consump-
tion of coke as an important potentiality for reducing
the cost of iron. p. 157.
Gidary, V. N., Melnikov, A. I., Zhelezov, M. N.
Organization and planning for supplying metallurgical
plants with scrap metal. p. 165.
Melnikov, K. A., Gidary, V. A., Tikhonov, L. I.
Network methods in planning and organization of
the repair of blast furnaces. p. 172.
Melnikov, K. A., Melnikov, A. I., Tikhonov, L. I. Pro-
cessing the duration of the open hearth process.
p. 180.

EKONOMIKA S.S.S.R. KHOKHO KHOKHIAZIVTA [ECONOMICS
OF ALMA ATURE]. Issued by Ministerstvo mel'kogo
khozaystva SSSR (Ministry of Agriculture of the
U.S.S.R.). Moscow, vol. 44, no. 12, 1968.

Table of contents translated:
Material program for the further expansion of
agriculture. p. 2.

Laboratory report meetings on kolchozes. p. 8.
Melnikov, T. I., Leonov, A. - Organization of primary
processing of vegetables in kolchozes. p. 12.
Lavin, V. V. I. Labor and developing kolchozes
in the U.S.S.R. p. 16.
Kulev, V. I. Improving labor productivity in every
year possible. p. 24.
Korotkiy, A. - Reproduction of the labor force in the
village. p. 26.
Kulev, V. I. Labor productivity of combining material
and moral incentives in developing agriculture.
p. 40.
Levin, M. I., Fomichuk, I. I., Fomichuk, I. I. - Form-
ation and growth of the cost of eggs. p. 48.
Melnikov, M. - The export of labor operations.
p. 54.
Melnikov, M. - Capital investments and increasing
the water supply to the irrigated lands. p. 58.
Melnikov, M. - Efficiency of the mechanization of labor
processes. p. 68.
Kulev, V. I., Fomichuk, I. I., Fomichuk, I. I. - In-
crease in vegetable production. p. 72.
Melnikov, M. - Labor productivity of management of
labor collectives. p. 77.
Kulev, N. I. - Specialization and concentration of
production in Azerbaijan. p. 80.
Kulev, I. - Evaluation of land in Turkey Province.
p. 82.
Kulev, A. I., Kulevskiy, I. I. - Use of irrigated lands
better. p. 87.
Kulevskiy, A. I. - Specialization in the production of
milk. p. 101.
Kulevskiy, I. I. - Farmstead of Belorussian Sovetskoy
Union. p. 107.
Kulevskiy, I. I. - Improving interfarm cooperation in
the agriculture of the Democratic Republic of
Germany. p. 109.
Melnikov, V. I. - Prospects of developing agriculture
in the U.S.S.R. p. 114.
Kulevskiy, A. I. - In the Institute of Economics of
Central Asia. p. 117.

PROKHOMIKA ROVETSKOY UKRAINY [ECONOMICS OF THE
SOVIET UKRAINE]. Issued by Gosplan Ukrainy (Min-
istry of Economic Planning of the Ukrainian U.S.S.R.)
and Gosstat Ukrainy (State Statistical Administration
of the Ukrainian U.S.S.R.). Kiev, vol. 11, no. 12, Dec. 1968.

PLANIYUJEMAYA EKONOMIKA [PLANNED ECONOMY OF THE U.S.S.R.].
Issued by Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

PLANNED ECONOMY [THE NATIONAL ECONOMY]. Issued by
Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

NOVAYA EKONOMIKA I MEZHDUNARODNYE OTNO-
SHENIYA [NEW ECONOMIC INTERNATIONAL RELATIONS].
Issued by Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

Table of contents translated:
Vysotskiy, K. I. - Economic trends of the world
capitalism. p. 2.
Kulevskiy, M. V. I. - Labor in American imperialism.
p. 10.
Kulevskiy, T. I. - Economy of Czechoslovakia during
60 years. p. 27.
Melnikov, D. - The German nation and the destiny of
Europe. p. 39.
Kulev, H. - The atom and NATO partnership and
cooperation. p. 61.
Kulevskiy, I. - Political changes in Kazakhstan.
p. 61.
Kulevskiy, H. - New concepts of planning and manage-
ment. p. 65.
Gidary, V. I. - Economic role of the sphere of
services. p. 74.
More on the absolute rent. p. 87.
Kulevskiy, M. - Formation of industrial proletariat.
p. 87.
Kulevskiy, I. - Investments and profits of foreign
capital. p. 105.
Kulevskiy, M. - Tithing, parties, and bureaucracy.
p. 109.
Kulevskiy, I. - "Death of Zambou." p. 114.
Kulevskiy, I. - A new stage in the colonization of
the U.S.S.R. p. 119.
Kulevskiy, H. - Expansion of the Union frame. p. 125.
Kulevskiy, A. I., Kulevskiy, H. - What are the right and
wrong points made by A. I. Kulevskiy. p. 135.
Kulevskiy, I. - "The business" of the U.S.S.R. in 1967.
p. 147.
Economic information. p. 154.

No. 12, 1968.
Table of contents translated:
Kulevskiy, I. - The "decolonization" theory
and its social nature. p. 2.
Kulevskiy, V. V. I. - Labor in German imperialism and
the modern imperialism of the Federal Republic of
Germany. p. 16.

Kulevskiy, I. - Social costs of scientific and technical
revolution under capitalism. p. 21.
Kulevskiy, I. - Export of private capital and its
influence on the economy of the capitalist country.
p. 42.
Kulevskiy, H. - Independence: the general and political.
p. 54.
Kulevskiy, V. - Annual an important problem. p. 64.
Kulevskiy, M. - First steps of the African development.
p. 68.
More on the absolute rent. p. 73.
Kulevskiy, A. - The present and the future of labor-
intensive work. p. 83.
Kulevskiy, I. - The U.S.S.R. and the economy of young
nations. p. 92.
Kulevskiy, A. - Private land ownership and the
capitalist city. p. 98.
Kulevskiy, H. I., Kulevskiy, V. - The "white collar"
trade union in Great Britain. p. 102.
Kulevskiy, A. - Changes in the production of material
materials in the U.S.S.R. p. 104.
Kulevskiy, H. - Absolute rent of the Federal Republic of
Germany. p. 117.
Kulevskiy, I. - The African continent. p. 123.
Kulevskiy, V. - Canadian oil. p. 129.
Economic and economic information. p. 135.

NARODNOE KHOKHIAZIVTO ARMENII [THE NATIONAL
ECONOMY OF ARMENIA]. Issued by Gosplan Ar-
menii (Ministry of Economic Planning of the Armenian
U.S.S.R.) and Gosstat Armenii (State Statistical Adminis-
tration of the Armenian U.S.S.R.). Moscow, vol. 3, no. 9, Sep. 1968.

NOVAYA ROVETSKAYA EKONOMICHESKAYA LITERA-
TURA [NEW SOVIET ECONOMIC LITERATURE].
Issued by Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

NOVAYA ROVETSKAYA EKONOMICHESKAYA LITERATURA
[NEW SOVIET ECONOMIC LITERATURE]. Issued by
Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

NOVAYA ROVETSKAYA EKONOMICHESKAYA LITERATURA
[NEW SOVIET ECONOMIC LITERATURE]. Issued by
Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

PLANNED ECONOMY [THE NATIONAL ECONOMY]. Issued by
Gosplan Ukrainy (Ministry of Economic Planning
of the Ukrainian U.S.S.R.) and Gosstat Ukrainy (State
Statistical Administration of the Ukrainian U.S.S.R.).
Moscow, vol. 3, no. 9, Sep. 1968.

Table of contents translated:
Kulevskiy, I. - Problems of developing centralized plan-
ning. p. 2.
Kulevskiy, I. - Criterion of optimality and freedom
of choosing economic solutions. p. 20.
Kulevskiy, I. - Measuring the efficiency of social
production. p. 24.
Kulevskiy, I. - Problems of regional planning for
production. p. 34.
Kulevskiy, A. I., Melnikov, V. I., Kulevskiy, H. - Industrial
complexes under the new conditions of management.
p. 48.
Kulevskiy, M. - The production development level.
p. 61.
Kulevskiy, A. - Some problems of the economic
reform. p. 64.
Kulevskiy, H. - Planning for production and marketing
of industrial products. p. 66.
Kulevskiy, H. I., Melnikov, V. I. - Important national
economic problems. p. 77.
Kulevskiy, V. I. - Regional aspects of income stabilization
in agriculture. p. 83.
Kulevskiy, V. I. - Industrial business as working on the
basis of labor intensity. p. 84.

Vol. 45, no. 1, Jan. 1969.
Table of contents translated:
The five-year plan in operations. p. 1.
Kulevskiy, H. - Problems of developing the fuel
industry. p. 12.
Kulevskiy, V. - National economic equilibrium and planning
in the sphere of consumption. p. 21.
Kulevskiy, V. I. - Methods of accounting for economic
efficiency. p. 32.
Kulevskiy, V. I., Kulevskiy, A. I., Kulevskiy, H. I. -
Planning and providing economic incentives for
improving the quality of industrial products. p. 38.
Kulevskiy, V. I. - Economic problems of the national policy
in machinery manufacturing. p. 47.
Kulevskiy, V. I. - The economic reform and labor
productivity. p. 53.
Kulevskiy, V. I. - Labor reform. p. 58.
Kulevskiy, V. I. - Norms for equipment
deductions in economic funds. p. 62.
Kulevskiy, A. I. - Problems of increasing the efficiency
and improving the structure of capital investments.
p. 66.
Kulevskiy, I. - Credit and the efficiency of agricultural
total production. p. 73.
Kulevskiy, I. - Party program should have a
comprehensive plan. p. 80.
Kulevskiy, I. - The theory of using fuel. p. 86.

RABOTNITSA [THE WOMAN WORKER]. Published by Izdatvo [Publishing House] "Pravda." Moscow, no. 12, Dec. 1968.

REPERATIVNYI SBOENIK: EKONOMIKA PROMyshLENNOY OTSLEDOVANIY [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Vsesoyuznyi nauchnyi tsentr i tekhnicheskii informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 11-12, Nov.-Dec. 1968.

UCHENYE ZAPISKI KAFEDRY OBSHCHESTVENNYKH NAUK VUZOV G. Leningrada. Politicheskaya ekonomika [STUDIES BY THE DEPARTMENTS OF SOCIAL SCIENCES OF Leningrad INSTITUTE OF HIGHER EDUCATION: Economics]. Leningrad, no. 9, 1968. Problems of modern capitalism and the developing countries.

Table of contents translated:
Ivanov, S. I. - Reproduction of durable consumer's goods and industrial cycles in the U.S.S.R. p. 2.
Vlasova, S. M. - Electrical communication branches in the system of the monopoly capital of the U.S.S.R. p. 14.

Rozhenkova, S. S. - Foreign economic expansion of the U.S.S.R. monopolies in the production of electronic computers. p. 24.

Serebrennikov, M. I. - Monopoly groupings of the Federal Republic of Germany at the present-day stage. p. 42.

Peakov, N. V. - Atlantic programs of the Federal Republic of Germany. p. 61.

Demin, A. A. - Trade monopolies of the Federal Republic of Germany. p. 68.

Khodakov, V. M. - State monopoly capitalism and the development of science in the Federal Republic of Germany. p. 85.

Semenovskiy, A. I. - Struggle of the working peasantry of the Federal Republic of Germany for improving their living conditions. p. 94.

Belyi, P. F. - The balance of payments crisis in England, 1964-1964. p. 113.

Shelkin, V. L. - Characterization of the economic development of Portugal during the postwar period. p. 123.

Voznesenskiy, S. V. - Big business of the U.S.S.R. and the "bureaucracy." p. 134.

Struganov, M. G. - Two tendencies in using the oil resources of the developing countries. p. 151.

Ponomarev, G. V. - Mutual trade relations among the developing countries of Southern and Southeastern Asia. p. 164.

Vedechko, M. E. - Bourgeois concept of the independent development of the infrastructure in the young national states. p. 173.

Kazantsev, V. M. - Criticism on the concepts of bourgeois economists of Chile on stimulating national production by means of increasing the export of finished products. p. 187.

Vatiz, G. M. - Development of state sector in the economy of the liberated countries. p. 197.

Gordalev, R. S., Ananurashvili, A. - Characterization and prospects of developing state sector in Turkey. p. 206.

Mila, M. V. - British state monopoly capitalism in the agriculture of Kenya. p. 216.

Lialina, Y. A. - The cooperative movement in the Union of Burma. p. 223.

Bekhtelova, M. S. - Marxists Dialectic theory of "cooperative revolution." p. 232.

UCHENYE ZAPISKI PO STATISTIKE [STUDIES IN STATISTICS]. Issued by Obshchestvenno-nauchnyi tsentr Akademii nauk SSSR [Department of Economic Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, 1967. Methodological problems of labor statistics.

Table of contents translated:
Krasovskiy, V. N. - Methodology of measuring labor productivity. p. 6.

Kofis, P. V. - Regional indices of labor productivity. p. 26.

Seydakhov, V. V. - Method of comparing the levels of labor productivity in the industry of member countries of the Mutual Economic Assistance Council. p. 44.

Shala, L. E. - Statistics and planning for the number and composition of specialists in the national economy. p. 71.

Shchegolev, G. E. - Use of mathematical methods in solving managerial work problems. p. 94.

Dudkov, L. M. - Methods of statistical study of the movement of personnel. p. 123.

Kofis, M. V. - Methods used for calculating coefficients of labor complexity in the industry of the U.S.S.R. p. 136.

Sarkisyan, G. S. - Workers' real incomes and methods of determining them. p. 143.

Rubtsov, N. E., Rikhsievskiy, R. M. - Statistical series of wage distribution, its characteristics and methods of study. p. 164.

Krasovskiy, V. G. - Methods of studying leisure time. p. 181.

Kabo, K. G. - The workers' budget. p. 184.

L. I. U. Plesnyy obitay. p. 208.

P. V. Kofis; obitay. p. 244.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khozyaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 25, no. 1, 1968.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1968.

Table of contents translated:
Vlasov, L. - Some problems of the specialization and concentration of agricultural production. p. 3.

Kashirov, L. - Methodological problems of the economic and profitability of agricultural production. p. 14.

Andriashin, S. - The economic reform and the initiative of the enterprises. p. 24.

Shchegolev, V. - Business accounting in a branch and production management. p. 34.

Martynov, R. - Efficiency of capital investments and the economics of new enterprises. p. 46.

Gomberg, I. A. - Some problems of the theory of wages under socialism. p. 55.

Lisitsin, A. - Developing and improving socialist property relations in the U.S.S.R. p. 67.

Sorokin, G. - Economic integration of socialist countries. p. 77.

Mikhailovskiy, A., Mikheev, S., Kozlov, R. - Evolution of marginalism. Bourgeois theories of cost and value. p. 87.

Tokmachev, R. - The Lenin agrarian program in operation. p. 99.

Semenov, L. - Technological progress and the structure of industrial production in the Chinese socialist countries. p. 113.

Loytsov, L. - On the concept of "division of labor." p. 123.

Books on economics published in July-August, 1968. p. 123.

Shchegolev, V. - Problems of science management. p. 124.

Kozlovskiy, V. - Meeting of young scholars of Siberia. p. 129.

Dorin, M. - Draft of state standards for economic symbols is prepared. p. 141.

Savin, M. - Socio-economic problems of the reproduction of the population. p. 143.

Krasovskiy, S. - Symposium of economists in the U.S.S.R. and the Democratic Republic of Germany. p. 147.

Ten days in Bulgaria. p. 148.

a. FINANCE

DENEGNI KREDIT [MONEY AND CREDIT]. Organ of Gosplanstatbank SSSR [U.S.S.R. State Bank]. Moscow, vol. 24, no. 11, Nov. 1968.

Vol. 24, no. 11, Nov. 1968.

Table of contents translated:
Shchegolev, V. - Monetary payments and the role of credit in the sphere of circulation. p. 3.

Plesner, G. - Credit (the role of the metallurgical and the chemical industry. p. 10.

Maslov, V. - Issuing credit for the total loan required. p. 17.

Pelotkina, T. - Mechanizing the work of bank employees. p. 23.

Kislov, G. - Bank work in accounting for current operations. p. 31.

Agafonov, M. - Total loan requirements. p. 38.

Shchegolev, V. - Issuing credit for the total loan required. p. 40.

Shchegolev, M. - Issuing credit to enterprises on the basis of the turnover of materials and expenditures. p. 48.

Livshitskiy, K. - Theoretical loans in issuing credit on the basis of turnover. p. 44.

Karganovskiy, M. - Business accounting in operation. p. 46.

Obotnyy, V. - The issuing of direct credit expands. p. 49.

Krasovskiy, M. - Effect of credit on socialist economy. p. 49.

Serebrennikov, V. - Means for increasing labor productivity of machine operators. p. 61.

Mikhailov, P. - Improving payments in the transportation of petroleum and petroleum products. p. 63.

Vlasov, M. - Consolidation of payments in the problem of today. p. 67.

Tashchik, S. - Payments for the returnable containers. p. 69.

Valler, L., Malin, M. - Voluntary deductions transferred into savings banks accounts. p. 63.

Saltykov, L. - Macroeconomic work in savings banks. p. 64.

Vlasovskiy, M. - We are improving planned economic work. p. 67.

Dudkov, M., Koshkov, V. - Problems demanding solution. p. 71.

Lukashov, R., Rikhsievskiy, V. - Pressing necessity. p. 73.

Pechenkin, M. - Problems of personnel training. p. 78.

Bilyk, A. - We are improving the composition of the personnel. p. 78.

Lazarev, N. - Balance of the monetary income and expenditures of the population and its use in national economic planning. p. 84.

Zolotarevskiy, E. - They are saving the pound again. p. 83.

Brief information on foreign exchange and banks abroad. p. 84.

d. LABOR

OKHRANA TRUDA I SOSIAL'NOE STRAKHOVANIYE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soyuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 12, no. 1, Jan. 1968.

Table of contents translated:
Urgent programs in operation. p. 1.

Kamarsky, V. - Design of a plant and working conditions. p. 3.

Grishakov, V. - Cybernetics serves production. p. 8.

Gorin, M. - According to D'ich's personal initiative. p. 8.

Krivy, A. - Word about discipline. p. 11.

Shchegolev, G. - Under the new conditions. p. 12.

Kovalev, N. - Leisure and its material basis. p. 14.

Karvits, L. - Subscribers of the Invisibles. p. 16.

"No!" To industrial accidents. p. 16.

Gerasimov, A. - A businesslike approach. p. 24.

Technological creativity of youth. p. 22.

Melits, G. - The practice has been approved. p. 24.

Grishakov, A. - Archivaly and persistently. p. 28.

Oleshchuk, L., Kodra, I. U., Omel'chenko, V. - Oxide suspension. p. 28.

Izrael'skiy, I. A. - Professional expertise. p. 31.

Kalinin, M. - Institution of higher learning, science and production. p. 32.

Melits, M. - Scientific organization of labor and the law. p. 34.

Pla. Take care of yourself! p. 35.

Shchegolev, I. U. - Life-giving water of Karolia. p. 36.

Koslovskiy, A. - For the record only. p. 41.

Lisitsin, V. - In the land of Yakutia. p. 43.

The instructor in methods of calligraphy in industry. p. 44.

RABOTNITSA I MALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by Tsentral'nyy Kabinet Ekonomicheskoy partii Bolarskiy [Central Committee of the Communist Party of White Russia]. Minsk, vol. 44, no. 12, Dec. 1968.

SOVETSKAYA PROFSOYUZ [SOVIET TRADE UNIONS]. Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soyuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 14, no. 17 (1968), Sep. 1968.

Table of contents translated:
Editorial: Give more attention to trade union organizations with few members. p. 1.

Shchegolev, A. - Dictated by concern for the people. p. 4.

Rabotnikov, K. - Routine of the drilling committee. p. 8.

Artemov, I. - Honor of the trademark of a plant. p. 8.

Besimichenko, I. A. - About those whose life is ahead. p. 10.

Milosev, M. - Brief rublo. p. 11.

Pogorelyy, I. - Training school. p. 12.

Boldyrev, V. - Our decisions will be fulfilled! p. 14.

Ivanova, A. - There were no orders... p. 14.

Rodionov, M. - There are no trifles. p. 15.

Mikhlin, R. - In active contact with the masses. p. 17.

Time to move forward! p. 21.

Perlov, M. - The house was built in the Kara Kums. p. 24.

Krasovskiy, M. - There is a little town. p. 24.

Sorokin, V. - Use working capital efficiently. p. 27.

Andreyev, B. - Bright minds and stillful hands. p. 32.

Draganov, Vasil'. - All the benefits for the workers. p. 36.

Kalno Khodoe! Our strength is in unity. p. 37.

Shchegolev, L. - Kural, not painted, but real... p. 39.

Lundynov, A. - Under the protection of the Statue of Liberty. p. 43.

Korshakov, I. U. - Leaves for workers of construction organizations. p. 45.

Vol. 14, no. 17 (1968), Oct. 1968.

Table of contents translated:
Editorial: Triumph of the Lenin ideas. p. 1.

Statute of the All-Union Central Council of Trade Unions on the "Participation of trade unions in the preparation for the Lenin anniversary." p. 4.

Pashkov, M., Bard, S. - Work and plans of cultural workers. p. 6.

Markov, G. - The hero is next to you. p. 10.

Lavrent'ev, D. - Alliance of the hammer and the sickle. p. 10.

Krasovskiy, G. - Boundless field. p. 14.

D'zhakov, A., Mikhlin, A. - Technology came to the workshop. p. 17.

Pavlov, L. - Workshop of creativity. p. 19.

Prokashov, V. - Guards of industrial safety. p. 21.

Ishchenko, V. - Strictly, in a friendly way. p. 23.

Dobrov, M. - Sports and work go together. p. 24.

Yul', L. - Everybody is interested here. p. 26.

Timoshenko, V. - "Krasnaya Gvozdnika." p. 29.

Borisenko, V. - On Khortitsa Island. p. 30.

Alshchikov, M. - Activities are studying. p. 32.

Mikhlin, M. - This is the workers' conference. p. 33.

- Aizman, M. - Method? Persuasion. p. 34.
 Forstman, M. - Advice, assistance, and control.
 ... p. 34.
 Belogorov, M. - By the command of conscience. p. 36.
 Under the banner of struggle and solidarity. p. 36.
 In spite of the extraordinary measures. p. 36.
 Petrov, I. - The U.S.A. the anatomy of poverty.
 p. 36.
 Osipov, A. - This must not be forgotten. p. 41.
 Bushin, V. - Oslap Bender's strange metamorphosis.
 p. 45.

a. SOCIOLOGY

KOMMUNISTSKAYA KHTZM [LIFE OF COMMUNIST YOUTH]. Issued by Tsentral'nyi Komitet Vsesoyuznogo Leninisticheskogo komunisticheskogo soюза molodezhi (Central Committee of the All-Union Communist Youth League of Lenin). Moscow, no. 34, Dec. 1963.

NOVOYE V ZHIZNI, NAUKA, TEKHNIKA Series "Molodezhnaya" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY "Youth" Series]. Moscow, no. 8, 1963.

PADOMITU LATVIJAS SIEVETE [WOMAN OF SOVIET LATVIA]. Issued by Latvija Komunistiskais partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, nos. 10-11 (1964-1965). Oct.-Nov. 1963. [In Latvian]

QAZAQSTAN ÁKELDERİ [KAZAKHSTAN WOMAN]. Akmola, no. 1, 1963. [In Kazakh]

RADIANTKA KHINKA [SOVIET WOMAN]. Kiev, vol. 13, no. 12 (1970), Dec. 1968.

SMIENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi Komitet Vsesoyuznogo Leninisticheskogo komunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 1 (1963), Jan. 1963.

SOVIET TÜRKMENISTANYNYŇG AÝALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of Türk KP Türkmenistanyň Komiteti [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, nos. 8-11 (1963-1965), Sep.-Nov. 1963. [In Turkmenian]

SOVIETSKAYA ZHENICHKA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soюзов (Council of Soviet Women and the All-Union Central Council of Trade Unions). Moscow, no. 3, 1963.

TARTINE MOTERIS [SOVIET WOMAN]. Issued by Lietuvos Komunistinė Partija [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 1 (1963), 1963. [In Lithuanian]

c. POLITICAL SCIENCE

AGITATOR. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 1, Jan. 1964.

- Table of contents translated:
 Editorial: Happy New Year, Soviet men! p. 3.
 Shishko, A. - Leader of the world proletariat. p. 3.
 Lebedeva, E. - "It is good to live in such an epoch!" the centenary of N. K. Kropotkin's birth. p. 10.
 Gerasimov, A. - Fourth year of the five-year plan. p. 14.
 Kozlov, V. - The world of the last year. p. 18.
 Mikheyev, I. - Basic principles of agricultural laws. p. 22.
 Cheliov, A. - Let us spare the fruits of people's labor. p. 24.
 Alekseyev, I. - Paris meetings: results and prospects. p. 28.
 Ruzanov, M. - A great fabulist: the 100th anniversary of I. A. Krylov's birth. p. 30.
 Izhev, V. - Most important new construction sites in 1960. p. 31.
 What our country does for the people and the people for our country: facts and figures. p. 32.
 Pavlov, I. - Let us be irreconcilable to bourgeois ideology (fourth article). Subjunctive "Present-day struggle against bourgeois ideology." p. 40.
 Korovin, M. - Happiness and the meaning of life: series "Talks on morals," fourth article. p. 44.
 Discourse continues... a review of letters. p. 48.
 Khilnitskiy, B. - Club "Krasnaya gvozdnitsa"; a letter to the editor. p. 50.
 Orlovskaya, L. - At the river rapids. p. 51.
 Rytkovskaya, V. - Has religion always existed? p. 54.
 Popov, V. - War without shooting. p. 58.
 Koryan, M. - Filmstrips on V. I. Lenin. p. 62.
 Correspondence with readers. p. 63.
 A political dictionary. p. 63.
 New books. p. 64.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 48, no. 9, June 1963.

- Table of contents translated:
 Editorial: An irresistible trend toward unity. p. 3.
 Kharin, D. - Marxist and Leninist philosophy is the theory of revolutionary struggle. p. 10.
 Tsvetkov, I. - Leninist nationality policy in action. p. 12.
 Lebedevskii, M. - Prospective plans and programs. p. 16.
 Andreev, A. - Initiative of the masses is a powerful source of agricultural expansion. p. 32.
 Georgiev, A. - Nature is the primary source of material wealth. p. 40.
 Kozlov, M. - Man on earth. p. 86.
 Chirnel, G. - Basic aspects of party work in the Mongolian People's Republic. p. 84.
 Stepanov, V. - Toward socialism bypassing capitalism. p. 72.
 Shukov, V. - Lenden clouds over America, socialist trends in the U.S.A. p. 82.
 Vladimirov, O., Khramov, V. - Some problems in the history of the Communist Party of China. p. 92.
 Ivanov, V. - Communist party spirit is a very important principle in art criticism. p. 108.
 Zinchenko, V. - Marxist and Leninist art history. p. 117.

Vol. 45, no. 12, Aug. 1966.

- Table of contents translated:
 Preparations for the centenary of Vladimir Il'ich Lenin's birth: decision of the Central Committee of the CPSU. p. 3.
 Statement of the communist and workers' parties of the socialist countries. p. 18.
 In the Central Committee of the CPSU, results of the negotiations of the Political Bureau of the Central Committee of the CPSU and the Presidium of the Central Committee of the Communist Party of Czechoslovakia in Cherna-og-Tsien and the Bratislava Conference of Representatives of the Communist and Workers' Parties of the Socialist Countries. p. 30.
 Tasks, structure, and staff of the Institute of Marxism-Leninism attached to the Central Committee of the CPSU, decision of the Central Committee of the CPSU. p. 32.
 Editorial: Proletarian internationalism is the banner of the international communist movement. p. 34.
 Petrovich, M. - Increased role of the party and the mass organizations of workers. p. 32.
 Laptov, I. - Party warriors, a story about the Communist Party of a workshop. p. 46.
 Klyuchnikov, V., Grylov, A. - On the eve of the Great Patriotic War. p. 44.
 Sokolov, T. - Economic incentives in agriculture. p. 72.
 Solovov, A. - Concern for the workers' daily life. p. 82.
 Ruzanov, D. - Working class and the contemporary bourgeois state. p. 92.
 Melnikov, A. - Foreign economic policy of Mao Tse-tung's group. p. 102.
 Ignatov, M. - Theater and criticism. p. 117.

Vol. 44, no. 12, Sep. 1965.

- Table of contents translated:
 Editorial: Leninism is the Marxism of our epoch. p. 3.
 Correspondence on Soviet and Czechoslovak negotiations. p. 14.
 Meeting of representatives of the communist parties and governments of the socialist countries. p. 16.
 Loyalty to international duty. p. 17.
 Gerasimov, G. - Social structure of socialist society. p. 22.
 Vlasovskii, M. - Electrification of the whole country. p. 40.
 Tur, V. - Triumph of Lenin's cooperative plan. p. 52.
 Popov, G. - Improvement in style and methods of party work. p. 64.
 Pelichov, I. - Leninist principles of handling workers' letters. p. 77.
 Arhipenko, V. - Young people's motto is to study and to create. p. 82.
 Solodovnikov, A. - Attitude towards our classical heritage: stage interpretation of Russian classics. p. 86.
 Kuznetsov, I., Franch, A. - Physical culture and the all-round developing personality. p. 110.
 Stepanov, M. - Twenty years of the People's Democratic Republic of Korea. p. 118.
 New books. p. 122.

Vol. 45, no. 14, Sep. 1966.

- Table of contents translated:
 Editorial: Socialist discipline of labor. p. 3.
 Doyba, V. - Most effective way of achieving victory of communism. p. 11.
 Kuznetsov, I. - Leninist theory of truth is a reliable weapon in the struggle against ideological agnosticism. p. 22.
 Novikov, V. - Eternally alive. p. 32.

Tribune of ideas on peace and social progress; the 10th anniversary of the periodical "Problems in socialist theory." p. 43.

- Kolobovskii, A. - Early guidance of the Komsomol. p. 47.
 Inokhchenkov, F. - Party committees and the scientific organization of labor. p. 59.
 Senda, M. - Cooperation equal in rights and actually advantageous. p. 70.
 Kravtsov, D. - NATO is an instrument of diversion and revanchism. p. 80.
 Mikhov, E. - Labor and capital at a monopolistic stage. p. 87.
 Let us tighten the organizational structure and discipline: review of letters. p. 100.
 Sharikov, I. - Historic experience of the peoples in the Soviet Orient, through the pages of the periodical "Kommunisticheskiy Vestnik." p. 110.
 New books. p. 117.

Vol. 48, no. 10, Nov. 1968.

- Table of contents translated:
 Course of implementing the decisions of the 22d Congress and Plenums of the Central Committee of the CPSU on problems of agriculture; decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. p. 3.
 Editorial: The October Revolution's banner is the banner of Communism. p. 11.
 Shchekina, A. - Road of struggle and victory. p. 22.
 Kedrov, B., Mikhovskii, A. - The October Revolution and scientific progress. p. 35.
 Historical experience of the Great October: political and economic aspects of the third volume of the History of the CPSU. p. 49.
 Rukhan, M. - Leninist unity in the party ranks is a source of power of the CPSU. p. 63.
 Pavlov, V. - Important sectors of the party's workshop: party organizations and party groups. p. 78.
 Baldo, B. - From proletarian conditions captured into socialism. p. 86.
 Vol'skii, D. - The Vietnam fact. p. 88.
 Bansk, Orest, - Fiftieth anniversary of the establishment of Czechoslovakia. p. 106.
 Kozlov, P. - Among the Communists of Ecuador. p. 112.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 1 (1963), Jan. 1963.

KOMMUNIST EISTONIA [COMMUNIST OF ESTONIA]. Issued by Tall Kompartii Eestoni [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 24, no. 11, Nov. 1964.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentral'nyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 42, nos. 1-2, Jan.-Feb. 1969. [In Ukrainian]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos Komunistinė partija Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 12 (1964), Dec. 1964. [In Lithuanian]

KOMMUNISTI TAJIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 34, no. 1, Jan. 1966. [In Tajik]

LENINIAN UGROV [LENIN'S WAY]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Yerevan, vol. 47, no. 10, 1964. [In Armenian]

MORFHOLOGIČESKIE OČELOČESKIE KONORE. XXXIII sessia. Doklady sovetskikh geologov. Problemy [INTERNATIONAL GEOLOGICAL CONGRESS. XXXIII Session. Papers of Soviet Geologists. Problems]. Moscow, nos. 9, 11-13, 13b, 13v, 1968.

MOLODOE KOMMUNIST [THE YOUNG COMMUNIST]. Issued by Tsentral'nyi Komitet Vsesoyuznogo Leninisticheskogo komunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 14, 1963.

- Table of contents translated:
 Tikhonov, M. - School of communist education. p. 1.
 Romashin, A. - Twentieth century and young people. p. 16.
 Role of the Komsomol in my destiny. pp. 24, 64, 65, 66, 67, 102, 110, 118, 120.
 Tolstog, A., Shchegolev, A. - A trip through decades (combination). p. 52.
 Interview with like-minded persons. p. 44.
 First day of the Komsomol. p. 49.
 Franch, V. - Headquarters and a blast furnace. p. 60.
 Burdakov, L. - Branches of the same tree. p. 64.
 Stepanov, A. - Harvest. p. 72.
 Aronov, M. - A personal life. p. 78.
 Akatova, I. - Brains and strength of a class. p. 82.

- Vasil'ev, P. - Men and morals. p. 87.
 Oak, P. - History of the 89th regiment. p. 88.
 P'inski, V. - Relics of time. p. 103.
 Korotkov, L. - Be always loyal... p. 104.
 Medvedev, M. - Hero in life is a hero in literature. p. 111.
 P'inski, G. - Preface to an essay. p. 111.

MOSCOW. Izvestiya Komitet. Ekspertov [Executive Committee Bulletin]. nos. 18-19 (445-446), Aug.-Sep. 1968.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 25, no. 48 (224), Nov. 1968.

- Table of contents translated
 Editorial: Key problem. p. 4
 Krasavina, L. - From under attack. p. 4
 Gurevskiy, L. - Escalation of tensions. p. 8.
 Letters to the editor. p. 11
 Iak'ova, A. - Imperialism and the Eastern European states. History of the Little Eastern. p. 12.
 Zaitsev, I. U. - New developments in outer space research of Soviet scientists. p. 14.
 Shalimov, S. A. - Stop the terror in Greece! p. 17.
 Vol'ski, D. - Americans and Vietnam, a report from New York. p. 19.
 Dolgado, A. - Why the Peace Corps is hated here, a letter from Colombia. p. 21.
 Pol'ski, B. - Political crisis in Italy. p. 23.
 Kremnev, M. - Bargaining over bases in Spain. p. 25.
 B. B. - Fate of the Gypsies in the West. p. 24.
 International notes. p. 26.
 Kolosov, Leonid. - Law of the Lapara (to be continued). p. 27.
 People and events. Francisco Ximenes Nguem. p. 29.
 World events. p. 32.

Vol. 26, no. 50 (230), Dec. 1968.

- Table of contents translated:
 From recognition of facts to recognition of force. p. 1.
 Disarmament is a common concern. p. 2.
 The Zambian elections. p. 3.
 Iokharov, V. - Capitalist economy in 1968. p. 4.
 Solov'ev, V. - The tenth anniversary of Cuba. p. 9.
 Iskhak, Alexander. - Karaguey's story. p. 10.
 Morris, George. - Prospects for the American trade unions. p. 14.
 Grigor'eva, A. - Double play of the Bonn politicians. p. 17.
 Iak'ovs, Tassos. - Who is behind the "black junta." p. 19.
 Shchedrov, I. - A "quiet" war in Laos. p. 21.
 International notes. p. 24.
 Zimans, G. - Daily bread. p. 25.
 Letters to the editor. p. 27.
 Pita, A. - Maritime economy of Poland. p. 28.
 V. B. - O tempora, o mores! p. 29.
 A. A. - Rich children. p. 29.
 People and events: Traa Ros Kline, Jean-Marc Koe. p. 31.
 World events. p. 32.

Vol. 26, no. 50 (230), Dec. 1968.

- Table of contents translated:
 Editorial: Who and what are obstructing the Paris negotiations. p. 1.
 The Montreal Declaration. p. 2.
 Medvedev, A. - Bases of our alliance with anti-imperialism of the Soviet-Czechoslovak Treaty. p. 3.
 Orudzhov, R. - Soviet oil. p. 5.
 Shadrin, V. - Causes of the lack of stability in Africa. p. 8.
 Mirskii, G. - Home front in the United Arab Republic. p. 10.
 Vidurov, A. - Trade union solidarity. p. 11.
 Pomeroy, William. - Political struggles in the Philippines. p. 11.
 Letters to the editor. pp. 17, 19.
 Bogdanov, V. - A new party in the Federal Republic of Germany. p. 18.
 Aguilera, M. - Presidential elections in Venezuela. p. 18.
 Coto, Juan. - Police despotism in Guinea. p. 19.
 Aleksandrov, G. - Merry must not be bewitched upon the Nazi criminals. p. 21.
 A. V. - Computerized astrology. p. 21.
 A. B. - "Club of men," an information note. p. 23.
 International notes. p. 24.
 Bereznev, V. - A flight to America. p. 24.
 People and events: Raphael Lichko. p. 31.
 World events. p. 32.

Vol. 27, no. 1 (231), Jan. 1969.

- Table of contents translated:
 Editorial: the year 1968. p. 1.
 Leonidov, V. - Foreign policy activities of V. I. Lenin. p. 3.
 Gurevskiy, Leonid. - Political and international problems, an interview. p. 7.
 People and events: Roger Seydoux de Clausonne. p. 8.
 Eiser, G. - Anniversary of the German Communists. p. 8.
 Mirskii, G. - Illusions and realities in the third world. p. 10.
 Kremnev, M. - Middle East situation. p. 12.
 Land, Mytil. - Horoscope for 1969. p. 14.
 Vereshchagin, V., Zaitsev, I. U. - Space research is an international concern. p. 16.

- Iur'ev, A. - Our chief trading partners. p. 18.
 Mel'kestey, Ernst. - Egyptian art. p. 20.
 Kudr'at'skiy, V. K. - Elections in Guinea. p. 22.
 International notes. p. 24.
 Zimans, G. - German mentality. p. 25.
 Rosen, V. - Heartbeats heart transplantation. p. 28.
 World events. p. 32.

Vol. 27, no. 2 (232), Jan. 1969.

- Table of contents translated:
 Editorial: Let us liquidate the hotbeds of war. p. 1.
 Repilas of A. M. Kozegita, Chairman of the Council of Ministers of the U.S.S.R., to the newspaper "Miroviki." p. 2.
 Lights of Armenia. p. 4.
 A dangerous course. p. 5.
 A strange committee. p. 8.
 Shchukina, T. N. - On the eve of the Seventh World Trade Union Congress. p. 6.
 Lugovskoi, I. U. - The Burmese way. p. 9.
 Pavlovskii, V. - Conference in Karachi. p. 10.
 R. Sh. - Worth of their apologies. p. 11.
 Academician L. I. Medov on the "Apollo-8" flight. p. 12.
 People and events: President Richard Nixon's cabinet: William P. Rogers; Melvin R. Laird; David M. Kennedy, and others. p. 13.
 Dumcov, A. - Monetary expansion of the Federal Republic of Germany. p. 16.
 Letters to the editor. p. 17.
 Kravtsov, P. - Portuguese colonies are on the agenda. p. 18.
 Valcarlos, Gustavo. - Peruvian paradoxes. p. 20.
 International notes. p. 22.
 Pin, Albert. - Algerian horizons. p. 23.
 Antonov, P. - A monetary nightmare a few days later. p. 27.
 Kozlov, V. - Under the palm trees of Tahiti, travel impressions. p. 28.
 World events. p. 32.

Vol. 27, no. 3 (233), Jan. 1969.

- Table of contents translated:
 Editorial: The Baltic Soviet States. p. 1.
 Soviet achievements in outer space. p. 3.
 Leonidov, A. - Laos and the United States. p. 4.
 Three years of the Tashkent Declaration. p. 7.
 Barial, Walter. - History of the Communist Party of Germany. p. 8.
 Nguyen Thi Binh discusses the negotiations on the Vietnam problem. p. 10.
 Antonov, L. - Washington's strategy in Asia. p. 11.
 Vol'ski, D. - Peeking's intrigues in the Near East. p. 12.
 Iskhak, P. - A new combination within NATO. p. 17.
 Zhuravov, P. - Czechoslovak economy in figures. p. 19.
 Samoilovskiy, I. P. - Soviet-Japanese business relations. p. 21.
 Antonov, V. - A wealth sector. p. 22.
 Krasov, V. - Czechoslovakia and NATO. p. 23.
 Iskhak, P. - A white colony in England. p. 22.
 Aronov, M. - Elections in the United Arab Republic. p. 24.
 International notes. p. 25.
 Chobotarevskiy, T., Iskhak, L. - In "quiet" Holland. p. 27.
 Oldrich Carnik; Jan Martin; Jan Tuhasek, and others. People and events: The Czechoslovak Government. p. 29.
 World events. p. 32.

Vol. 27, no. 4 (234), Jan. 1969.

- Table of contents translated:
 Editorial: Conquerors of outer space. p. 1.
 Flight program carried out. p. 2.
 An urgent issue: contemporary. p. 4.
 Krivitskiy, V. A. - Our cooperation with France. p. 5.
 Gurevskiy, Leonid. - The 37th President. p. 7.
 Borisov, R. - Books of the monetary crisis. p. 9.
 Tikhov, E. - Bad days of the Commonwealth. p. 13.
 Letters to the editor. pp. 19, 24.
 Sidenko, V. - Nigeria in the war boiler (to be continued). p. 16.
 Leon'ev, A. - A difficult start. p. 18.
 Kozlovskiy, V. K. - Lebanon on the line of fire. p. 18.
 Kremnev, M. - A move at colonialism. p. 20.
 Puklio, M. - Socialist Daily Front in Romania. p. 22.
 International notes. p. 23.
 An uncompleted "Queen." p. 23.
 Schmitt, K. - A nation of educated people. p. 24.
 People and events: Stefan Jedyrystowski; Carlos Poma Romulo. p. 26.
 Some trends in the development of world trade. p. 30.
 Gendharov, V. - Key information note. p. 31.
 World events. p. 32.

NOVOE VREMIA, NAUKA, TEKHNICHESKIE. Seriya "Istoriya i politika KPSS" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY "History and Policy of the Communist Party of the Soviet Union" Series]. Moscow, nos. 10/11, 1968.

NOVOE VREMIA, NAUKA, TEKHNICHESKIE. Seriya "Mirovaia nauka" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY "International" Series]. Moscow, no. 10, 1968.

PARTINAIYA ZHIZN' [PARTY LIFE]. Issued by Tsentrtrayl'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 13, July 1968.

- Table of contents translated:
 Editorial: Concern for the people's welfare. p. 2.
 Dromskov, V. - Fifty years of the Communist Party of the Ukraine. p. 8.
 Before new tasks. p. 26.

- Valchenskiy, A. - Businesslike approach to party leadership. p. 26.
 Korolev, M. - Temporary commission of a district committee. p. 26.
 Karamukov, K. - What should we do? p. 28.
 Kravtsov, A. - Local party organizations and economic specialization. p. 29.
 Shklyay, A. - A creative approach is needed. p. 27.
 Belov, G., Kalogin, G. - Let us give our persistent attention to communist education. p. 40.
 Mikhovskiy, A. - On an oil-bearing section. p. 44.
 Ideological education is in the center of attention. p. 44.
 Kozlovskiy, V. - With a perspective. p. 55.
 Prudilin, P. - Tutors of adolescence. p. 50.
 Ushakov, M. - Friendship between two districts. p. 58.
 Academic year has been completed. p. 60.
 Work with members of party organizations. p. 60.
 Communist report to their comrades. p. 61.
 The party kernel in the Komsomol. p. 62.
 Concern for the rest of workers. p. 63.
 Medkov, V. - Bread of Klavdia Dorozhnikova. p. 64.
 Bonch, P. - In search for the photographs of heroes. p. 68.
 Bogdanov, I. - Red tape is inadmissible. p. 60.
 Khruly Nnash. - Some problems in the work of the Independent Communists. p. 71.
 Armando Cossetti. - A great responsibility. p. 75.
 New books. p. 79.

No. 21, Nov. 1968.

- Table of contents translated:
 Program of the Central Committee of the CPSU. p. 3.
 Carrying out the decisions of the 23rd Congress and Plenum of the Central Committee of the CPSU on problems of agriculture: decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. p. 4.
 In the Central Control Commission of the CPSU. p. 6.
 Editorial: Marxism-Leninism is the victorious banner of Communism. p. 10.
 Storm of outer space in program! p. 18.
 Party and the communist education of young people. p. 18.
 Work of the Rostov provincial party committee on carrying out the decisions of the Plenum of the Central Committee of the CPSU in November 1968 on introduction of the new methods of industrial management. p. 24.
 Preparation plan for the ceremony of V. I. Lenin's birth by the personnel of the Moscow Electromechanical Plant named after Vladimir Ilyich and awarded with the Order of Lenin and the Red Banner of Labor. p. 27.
 Salivinskii, V. - Economic reform and inner problems of party work. p. 34.
 Varivomskiy, V. - Let us treat people with consideration. p. 40.
 Konotop, V. - Role of party groups in raising the activity of Communists. p. 44.
 Shift meetings for report and elections. p. 51.
 Bakhtinskii, I. A. - A social development plan of personnel in action. p. 53.
 Khodachuk, P., Trut, A. - A student's club. p. 67.
 Garmov, M. - International education of schoolchildren. p. 80.
 Tsvetov, U. - How we organize the young people's leisure time. p. 83.
 Activities of rural tollers. p. 84.
 Work time should be effectively utilized. p. 84.
 They carry out plans for the scientific organization of labor. p. 85.
 Practice of economic incentives. p. 86.
 District committee and party organizations with small membership. p. 84.
 Brodin, M. - A former commissar. p. 87.
 Medvedevskiy, M. - They pronounced me an outsider. p. 71.
 In the name of peace and socialism. p. 72.
 Anas'ev, K. - Fifty years of struggle for the benefit of the people. p. 74.
 New books. p. 80.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by Tsentrtrayl'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 2, 1968.

RUSSIA (1917- R. S. S. R.) Yurkhovnyy Soyuz. Vedomosti Rukovodstva Soyuz. Gazeta. Moscow, vol. 13, nos. 2-3 (234-240), Jan.-Feb. 1968.

RUSSIA (1917- U. S. S. R.) Yurkhovnyy Soyuz. Vedomosti Rukovodstva Soyuz. Gazeta. Moscow, vol. 22, nos. 4-5 (1284-1285), Jan.-Feb. 1968.

RUSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiyskikh emigrantov v Amerike [Russian Emigrants' Representative Association in America]. New York, vol. 10, no. 12 (20), Dec. 1968.

SOYETSKI DAGESTAN [SOVIET DAGESTAN]. Issued by Dagestanskii obkom KPSS [Dagestani Province Committee of the CPSU]. Makhachkala, vol. 4, no. 6 (20), Nov. 1968.

SOVIET DEPUTATOV TRUDIAKHCHIKH (SOVIETS OF WORKERS' DEPUTIES). Issued by the Newspaper "Izvestia." Moscow, nos. 1-2 (138-140), Jan.-Feb. 1960.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, no. 10, 1960. [In Turkmenian]

VINEVSKY, THE HERALD. Organ of Organizatsia oborony obozr'okh avropey (Organization for Defense of the Four Freedoms for the Ukraine, Inc.). New York, vol. 12, no. 12 (127), Dec. 1953.

VOL'NAYA MYSL' [FREE THOUGHT]. Published by Rossiiskii Nauchno-Trudovoi Soiz (National Alliance of Russian Solidarity). Minsk, no. 3, Sep. 1961; no. 4, Feb. 1962.

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, no. 1, 1960.

Table of contents translated:
 Florent'ev, L. A. - Decisions of Lenin's party have been carried out. p. 3
 Aluf, I. A. - Leninist teachings on the proletariat's hegemony and our time. p. 14
 Gusevskiy, P. S. - Struggle of V. I. Lenin and the "left" supporters for revolutionary and democratic standards 1901-1903. p. 30
 Armand, L. A. - Recollections about Vladimir Il'ich Lenin. p. 38
 Sokolova, E. K. - Members who joined the party in the year of Lenin's death and their role in strengthening the Russian Communist Party (Bolsheviks). p. 44
 Schmidt, Walter - Falsification of history of the German labor movement by West German bourgeois historiography. p. 57
 Baburov, V. I. - History of the founding and activity of the Moscow "Workers Union." p. 69
 Pirogov, V. K. - Party guidance in initiating the publication of literature on history of factories and mills in the U.S.S.R. p. 78
 Rybakov, M. V. - V. I. Lenin on the guiding role of the party in organizing the socialist state's defense. p. 90
 Kolpashnikov, G. M. - Ditch Gates. p. 103
 Derzhovskiy, G. M. - Meeting of the Central Committee of the Russian Social Democratic Party in the middle of December 1904. p. 108
 Belinskaya, V. M. - Soviet historiography on the struggle of the working class for a socialist revolution in rural areas. p. 114
 Documents and articles on the history of the CPSU and the international communist and labor movement published in November 1960 in periodicals, studies, collections, and scholarly serials. p. 133
 Zaslavskiy, E. A. - Political work and among the masses: experience of the Leningrad party organization. p. 141
 Bellakov, V. K., Akhmerov, R. V. - Literature on party development published by the "politburo" and "myal'" publishing houses. p. 151
 Arlov, A. D. - In friendly cooperation with scholars. p. 164
 Brief news. p. 168.

KHAMEA ROMBI, Organ ruskoj nezavisimoi marksisticheskoi mysli [THE DAWN OF RUSSIA: Organ of Russian Independent Marxist Thought]. New York, vol. 34, no. 247, Feb. 1960.

7. LAW

LATVIAN S.S.R. Augstaisa Paddome, Kriatajs [Supreme Soviet, Cassette]. Riga, vol. 34, nos. 41-49, Oct.-Dec. 1960.

LITHUANIAN S.S.R. Lietuvos Taryba Socialistines Respublikos Auksciausioji Taryba ir Vyriausybės biuro [Cassette of the Supreme Soviet and the Government of the Lithuanian S.S.R.]. Vilnius, nos. 34-36, Oct.-Dec. 1960. [In Lithuanian]

LITHUANIAN S.S.R. Vedomosti Verkhovnojo Sovieto i Pravitel'stva Lietuvos Socialistinio Botsialistinio Respublikos [Cassette of the Supreme Soviet and the Government of the Lithuanian S.S.R.]. Vilnius, nos. 17, 20-22, 24-26, June, Sep.-Dec. 1960.

MOSCOW UNIVERSITY DRUZBY NARODOV, Kafedra mezhdunarodnogo prava. Sbornik nauchnykh dokladov po mezhdunarodnomu obshchestvenomu pravu [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES, Department of International Law. Collection of Selected Documents Pertaining to International Private Law]. No. 1, 1967.

MARODNYI UNIVERSITET, Fakul'tet pravovykh nauk [PEOPLE'S UNIVERSITY: Faculty of Juridical Sciences]. Moscow, nos. 10-11, 1960.

RADIANSKY PRAVO [SOVIET LAW]. Organ of Verkhovnyi Sud USSR [Supreme Court of the Ukrainian S.S.R.] and others. Kiev, vol. 31, no. 11, Nov. 1960.
 Table of contents translated:
 Bryuksov, D. - Local soviets and the economic reform. p. 2.

Bafumova, I. - V. I. Lenin on mass participation in the administration of the socialist national economy. p. 8.

Oberschup, V. - Local soviets and farming. p. 15.
 Shklovskiy, B. - Let us extend the rights of district soviets. p. 17.

Kudrinskiy, O. - Ensuring a strict observance of laws by the organs of local government in the examination of civil law problems. p. 20.

Mikhailov, I. - Executive committees of village soviets and the boards of kollektives. p. 22.

Fursov, I. A. - A city soviet relies upon the activists. p. 24.

Skoryi, M. - How public prosecutors prepare for examination of lawsuits in the courts of second instance. p. 27.

Khorosheko, F. - The use of scientific and technical means in the reproduction of the situation and the reconstruction of a criminal offense. p. 30.

Zhyryi, H. - Conditions which contribute to pilfering in public food serving establishments. p. 34.

Dmitov, P. - Evicting the owners of houses subject to demolition. p. 36.

Shishova, A. - Liability for work injuries. p. 42.
 Lomonosov, V. - Rules governing the imposition of suspended sentences. p. 44.

Protovskiy, O. - Some forms of developing the principle of material interest in the results of work. p. 46.

Prakhov, B. - Contractual form of the introduction of scientific and technological studies into the work of industrial enterprises. p. 52.

Politskiy, S. - Effective guidance of interkollektors organizations as a province of civil law. p. 57.

Tytova, M. - Some problems in the legal protection of the tracks of land. p. 61.

Ilyesov, M. - Tracts of land assigned to populated places in rural areas. p. 63.

Rivlin, A. - Present-day problems of a strict observance of socialist laws. p. 65.

Orel, L. - Problems of release on parole. p. 70.

Trojanov, A. - We should amend the list of prohibited trades. p. 74.

Akhmedov, H. - Special problems in the determination of criminal offenses relating to produce trade. p. 78.

Khorosheko, I. - Implementation of Article 87 of the criminal code of the Ukrainian S.S.R. p. 79.

Shishova, H. - For exemplary public order. p. 82.

Frid, M. - Shortcomings in the notarial practice of the executive committees of the local soviets of workers' deputies. p. 84.

Legal advice. p. 88.

Kryzyskiy, H. - October Revolution and the establishment of the soviets of workers' deputies in America. p. 90.

The 30th anniversary of the Academy of Sociopolitical and Legal Sciences of the German Democratic Republic. p. 94.

Verbitskiy, L. - Apartheid is a tool for the oppression and humiliation of the individual. p. 96.

Decisions of the Supreme Court of the Ukrainian S.S.R. p. 100.

Public prosecutors supervise the observance of laws. p. 104.

Recent legislative enactments. p. 108.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]. Moscow, no. 12, 1960; no. 1, 1961.

SOVIETSKAYA IUSTITSIYA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no. 12, July 1960.

Table of contents translated:
 International year of human rights. p. 1.
 Khorosheko, I. - Some theoretical and practical problems concerning the systematization of Soviet laws. p. 3.

Zamiatov, Z. - Legal protection of the property rights of industrial enterprises. p. 4.

Practice in the judicial examination of the civil law-acts of collective farms. p. 8.

Kandybina, T. - Practice in the judicial examination of cases concerning property rights to buildings. p. 18.

Khanov, A. - Determination of premeditated murder. p. 22.

Zaslavskaya, M., Ryskova, E., Khurayev, I. - For a correct implementation of labor laws. p. 24.

Aleksandrov, S. - Protecting the rights of the injured party as well as the defendant in the examination of a claim for damages presented in the course of criminal proceedings. p. 26.

Klesov, E., Filippov, E. - Examination of cases concerning compensation for damages in comrades courts. p. 28.

Gren, A. - Preparatory part of a court session. p. 30.

Palantina, J. - The economic of consulting lawyers after the economic reforms. p. 32.

Il'inskiy, A. - An important objective of courts. p. 34.

Mittin, A. - Some problems arising in the process of a criminal expertise. p. 38.

Decision of the Presidium of the Supreme Soviet of the U.S.S.R. of May 14, 1960. p. 38.

Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of May 8, 1960. p. 36.

Substater, I. - A lawyer's unwavering adherence to his duty. p. 37.

Levchenko, I. - Operation "slate" (to be continued). p. 38.

Mikhailovskaya, I. - Criminal procedure of the U.S.S.R. p. 38.
 Answering our readers' questions. p. 31.

No. 10, Aug. 1960.

Table of contents translated:
 Let us develop cooperation between courts and public prosecutors in the examination of civil lawsuits. p. 1.

Krasov, M. - Party organizations of Soviet courts and a strict observance of laws. p. 3.

Basanov, A., Dotsalov, I. U. - Subjective aspects of subornation. p. 5.

Syrodov, M. - We should amend the laws which regulate the utilization of generally used minerals. p. 6.

Asashkin, G. - Determination of aggravated rape. p. 8.

Trukhnitskiy, I. A. - Some problems concerning liability for the execution of contracts for the delivery and transportation of goods. p. 10.

Kriukhanchik, V., Dotsalov, A. - We should try to prevent the socially dangerous acts of insane persons. p. 12.

Chapiga, T. - Ways of the acceptance of inherited property. p. 14.

Tsepin, A. - Some characteristics of the organization of work and economic security of writers, composers, and artists. p. 16.

Moisevin, S. - Scientific organization of the courts work. p. 18.

Priskhod'ko, E. - For a better supervision over the rehabilitation of juvenile delinquents released on suspended sentences. p. 20.

Padia, O. - Faith in man. p. 21.

She is not guilty! p. 23.

Levchenko, V. - Violation of the workers' rights and the arbitrary acts of their employers in Mexico. p. 28.

Poljak, A. - At a symposium in Moscow. p. 28.

A conference of the regular expert witnesses of Russian courts. p. 30.

A readers' conference at a provincial court. p. 32.

Answering our readers' questions. p. 31.

Decisions of arbitration agencies. p. 32.

SOVIETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1960.

Table of contents translated:
 Kamehkov, A. L. - Role of V. I. Lenin's Komsomol in the development of the Soviet state. p. 3.

Parberov, M. P. - Proletarian revolution, the dictatorship of the proletariat, and democracy. p. 10.

Babitskiy, D. M. - Liability of governmental agencies for loss caused to the people by the action of their officials and employees. p. 19.

Isaev, D. M. - Rights of governmental organs: their rights and obligations or their legal capacity? p. 27.

Shefir, M. A. - Federative principles in the governmental structure of the U.S.S.R. p. 30.

Tolkunova, V. M. - Differentiation of the legal regulation of women's employment. p. 40.

Shargorodskiy, M. D. - Systems of penalties and their effectiveness. p. 43.

Orshakov, V. A., Kolesov, I. U. - Legal regulation of liability in international air law. p. 48.

Loney, A. E. - The role of law in administration. p. 71.

Petrov, I. M. - Legal regulation of the length of guaranty for the quality of delivered goods. p. 80.

Glikin, I. A. - Legal rules governing the work of the industrial enterprises of consumers' cooperatives. p. 84.

Voevodin, L. D. - Implementation of the Leninist principles of securing and protecting private rights in the work of local soviets. p. 89.

Kozlova, E. I. - Delimitation of the rights and duties of local soviets and their executive committees. p. 98.

Iolyskiy, A. I. - Legal regulation of protection against ionizing radiation. p. 103.

Korvi, D. M. - Economic reform in the Hungarian People's Republic. p. 108.

Dem'ianenko, V. M. - Approval of the acts of kollektive self-government. p. 120.

Radigova, I. O. - Role of trade unions in tightening socialist labor discipline. p. 124.

Dorokhova, G. A. - Legal status of summer resorts. p. 129.

Aldoshin, V. F. - Agreement of the rescue and return of the cosmonauts and space objects. p. 133.

Mosolin, V. P. - Bourgeois theories of the internationalization of law in the service of U.S. neoimperialism. p. 138.

Grachova, V. A. - A conference of the codification and systematization of legislative enactments. p. 144.

Morshchinskaya, T. G. - Diagnosing the problem of tactical errors. p. 148.

Mitrokhin, A. M., Samoshchenko, I. B. - Visiting the lawyers of Finland. p. 148.

New legal literature published in July-August 1960 in the U.S.S.R. p. 151.

8. EDUCATION

a. GENERAL

DORNIKIY VYKHOVANNIYA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity RUSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 29, no. 12, Dec. 1960.

MARONNYI UNIVERSITET [Pedagogicheskii tsentral'nyi universitet] [PEOPLE'S UNIVERSITY, Pedagogic faculty]. Moscow, nos. 8, 10-11, 1968.

RADIANSKA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrainy SSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 47, no. 11, Nov. 1968.
Table of contents translated:
Glorious path of struggle and achievement. p. 1.
Porobch, A. I. - Lenin's principles and exhortations. p. 12.
Mashko, T. M. - Through the Lenin museums and halls of the schools. p. 21.
Taranenko, M. P. - Teaching activity of L. S. Machulavskiy. p. 23.
Kushakov, V. M., and others. - Basic problems in the use of computer technology in education. p. 34.
Kliment, M. I. - "Kolleri" checks knowledge. p. 43.
Pashkin, I. P. - Athlete education in nature studies. p. 44.
Mykytynska, M. L. - Study of the properties of the first rules of arithmetic. p. 50.
Roshchynko, H. H. - Independent mastering of knowledge in the elementary grades. p. 56.
Polypet, V. S. - The adolescent shows a lack of discipline. Why? p. 58.
Baryuska, K. M. - Educational work in chemistry classes. p. 63.
Petrov, V. M. - Experience in the organization of elective courses in mathematics. p. 65.
Krasnashenko, Y. O., Makarychev, I. M. - Study of the topic "Functions and identical conversion" in the 8th grade. p. 70.
Tratnik, M. A. - Hygienic organization of the educational work of the student. p. 77.
Kukharova, T. D. - Methodology of organization of independent work of students in teachers' colleges. p. 83.
Izra, D. O., Trofimov, M. M. - Improving the training of teachers for work on the school experimental plot. p. 85.
Ishakov, M. P. - I. S. Turgenev and Ukrainian culture. p. 89.
Bera, M. L. - Establishing greenery on Donbas pits. p. 94.
Makymchuk, P. R. - Nature protection in Volynsk Province. p. 97.
Dzerzhits, O., Shchepko, O., Smal, V. - Public education in the Ukrainian S.S.R. p. 98.

RUSIA (1921- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya [Ministry of Higher and Secondary Specialized Education]. Moscow, nos. 11-12, Nov.-Dec. 1968.

SOVIET MANTARE [SOVIET SCHOOL]. Organ of the Ministry of Education of the Tatar A. S. S. R. Kazan, vol. 11, no. 1424, Jan. 1969. [in Tatar]

SPETSIALNOE OBRASOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.]. Moscow, vol. 18, no. 4, Apr. 1968.

Table of contents translated:
Unity of pedagogical demands. p. 2.
Prokhorovskiy, I. A. O., Fedorova, Y. V. - Development of the students' oral and written speech. p. 6.
Olshe, R. M., Eshkin, B. L. - Training equipment in the educational process. pp. 9, 11.
Mishchik, A., Stobov, V. - The course "Study of materials." p. 11.
Anisimov, A. F. - Practical training and the scientific organization of labor. p. 18.
Lishanov, V. - In the hometown of the leader. pp. 14, 20.
Alimov, B. - In V. I. Lenin's house, the museum. p. 21.
Makarov, I. K. - In the friendly family of fraternal people. p. 22.
Vasilenko, M. O. - Consideration of psychological characteristics of the adolescent in educational work. p. 23.
Kozlov, K. - Ekolod Technical School of Petroleum Engineering. p. 26.
Mikharov, M. P., Chaplygin, P. - On the 50th anniversary of Soviet fire prevention. p. 32.
Bukharov, G. - Congress of library workers. p. 37.
Berkh, I. A. L. - Karl Marx. p. 41.
Rybnitskiy, A. - Friends of the "starry little house." p. 44.
Bessovskiy, T. - Secondary specialized education in Kiev. p. 45.
Kozlov, K. - We are schooling builders of socialism. p. 48.
Mishchik, G. - An older comrade. p. 52.
Oskirov, V. - Teachers' conference. p. 56.
A. M. Belyavskiy as obituary. p. 56.
In the schools of Uzbekistan. p. 58.

TARTIBIN MOKYKLA [SOVIET SCHOOL]. Organ of Latvian TSKR izglitiba ministarija [Ministry of Education of the Latvian S. S. R.]. Vilnius, no. 11, Nov. 1968. [in Latvian]

VERNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.]. Moscow, vol. 24, no. 10, Oct. 1968.

Vol. 24, no. 10, Oct. 1968

Table of contents translated:
Groshev, V. P. - An active helper of the party in the building of higher education. p. 3.
Balev, A. M. - The Komsomol and the development of a communist ideology in students. p. 18.
Facts and figures. pp. 13, 17, 19, 21.
Dolgoplov, S. L. - The main direction in life. At the speaker's rostrum are the polytechnicians. p. 14.
Gorodichenskiy, I. - In this manner independence is developed. p. 16.
Kushov, A. G., Bratskiy, A. I., Boronin, A. I. - Conferences have become traditional. p. 24.
Machulov, E. M. - A book on students' scientific work. p. 27.
Petrovskiy, A. F. - The third semester, an anniversary semester. p. 28.
Orlovskiy, V. V. - Conference of workers of Moscow schools of higher education. p. 32.
Polter, M. K. - The new system in action. p. 33.
Solov'yev, K. M. - For leaders of agricultural production. p. 72.
Rebetnikov, B. V., Grishin, I. M., Kozlovskiy, S. A. - On the history of one's own institute. p. 77.
Rohov, K. R. - Lenin's ideas of patriotism and internationalism in a course in political economy. p. 80.
Fridberg, L. S. - Works of sociologists in the teaching of scientific communism. p. 82.
At the Ministry of Higher and Secondary Specialized Education of the U. S. S. R. and the central committee of the trade union.
Published by "Vysshaia shkola." p. 88.
Krasov, P. M. - Structure of the didactic unit of the assimilation of knowledge. p. 94.
Bukharov, I. A., Kozlovskiy, M. M. - Algorithms of weekly class scheduling. p. 97.
Chernov, V. M. - An electronic digital computer composes the schedule. p. 99.
Gorbanov, R. M. - A course in descriptive geometry on the screen of closed circuit television. p. 99.
Balev, P. A. - May the ties between secondary vocational and technical schools and schools of higher education strengthen. p. 99.
Forshteyn, E. I. - Second Inter-University Conference on the Scientific Organization of Labor. p. 97.
Samodiy, V. P. - Cooperation of science and industry in of mutual advantage. p. 99.
Bukharov, G. D., and others. - Inter-University Scientific Research Institute of Metrology. p. 94.
Andreev, S. V., Cheludis, A. S., Kozlov, I. I. - Central scientific research laboratories share their experience. p. 94.

VOSPITANIE SHKOL'NIKOV [EDUCATION OF STUDENTS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 3, no. 6, 1968.

1. PHYSICAL EDUCATION & GAMES

PHYSICHESKAIA KULTURA V SHKOLAH [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, nos. 11-12, 1968.

FIKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Tsentral'nyi sovet Sotsialno sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U. S. S. R.]. Moscow, no. 1047, Jan. 1969.

SAKS [CHINA]. Issued by Latvian TSKR sporta biedriba un organizacija savieniba un Saks federacija [Union of Sports Associations and Organizations and the Chinese Federation of the Latvian S. S. R.]. Riga, vol. 16, nos. 22-24 (228-230), Dec. 1968. [in Latvian]

SHAKHMATNYI BULLETEN' [CHINESE BULLETIN]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U. S. S. R.]. Moscow, vol. 14, nos. 11-12, Nov.-Dec. 1968.

SHAKHMATY [CHINA]. Issued by Sotsialno sportivnykh obshchestv i organizatsii i Shakhmatnaya federatsiya Latvinskoi TSKR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S. S. R.]. Riga, nos. 21, 22 (218, 220), Nov.-Dec. 1968.

SHAKHMATY V SSSR [CHINA IN THE U. S. S. R.]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U. S. S. R.]. Moscow, nos. 11-12, Nov.-Dec. 1968.

SPORT V SSSR [SPORTS IN THE U. S. S. R.]. Issued by the Periodical "Sovetskii Sport" ["Soviet Union"]. Moscow, no. 3 (73), 1969.

SPORTIVNAIA ZHIZN' ROSSI [SPORTS LIFE IN RUSSIA]. Organ of Vsesoiuznyi sovet Sotsialno sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 13, no. 12, 1968; Vol. 13, no. 1, 1969.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Tsentral'nyi sovet Sotsialno sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 14, no. 11 (43), Nov. 1968.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Issued by Gosudarstvennyi komitet Sovetskoi Ministerstva SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, no. 13, Dec. 1968.

NOVYI KINOKHRAU [CINEMA NEWS]. Kiev, no. 1 (66) Jan. 1969.

SOVETSKII EKLAN [THE SOVIET SCREEN]. Organ of Gosstat po kinematografii pri Sovetskoi Ministerstva SSSR i Sotsialno kinematografii SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R. and the Union of Motion-Picture Workers of the U. S. S. R.]. Moscow, nos. 22-24, Dec. 1968; no. 1, Jan. 1969.

SOVETSKII FIL'M [SOVIET FILM]. Issued by Vsesoiuzno obshchestvo [All-Union Association] "Sovetskii sportfil'm." Moscow, no. 10 (37), 1968.

b. MUSIC

MUKYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Sotsialno kompozitorov SSSR i Ministerstva kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 13, nos. 1-2 (367-368), Jan.-Feb. 1969.

VOPROSY TEORII I ESTETIKI MUKYKI [PROBLEMS IN THE THEORY AND AESTHETICS OF MUSIC]. Issued by Leningradskii gosudarstvennyi Institut teatra, muzyki i kinematografii [Leningrad State Institute of the Theater, Music, and Motion Pictures]. Leningrad, no. 5, 1967.

c. THEATER

DELJOTKCHKA "V POMOSHCH' KHUDOSHNESTVENNOI SAMODIATL'NOSTI" [LITTLE LIBRARY "AID TO AMATEUR THEATRICALS"]. Moscow, nos. 13-24, 1968.

KLUB I KHUDOSHNESTVENNAIA SAMODIATL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Sotkov [All-Union Central Council of Trade Unions]. Moscow, vol. 13, no. 23 (268), Nov. 1968.

MOLODEZHNAIA STRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaiya gvardiya" ["Young Guard"]. Moscow, no. 5 (26), 1968.

NA DOPOMOGU KHUDOSHNEI SAMODIATL'NOSTI: repertarnyi sbornik [A GUIDE FOR ART AMATEURS: Repertorial Collection]. Kiev, no. 6 (70), Nov. 1968.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.] and others. Moscow, vol. 13, no. 2 (63), Jan. 1969.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Sotsialno khudozhestvennoe iskusstvo SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol. 13, no. 12 (32), 1968.

KHUDOSHNIK [ARTIST]. Issued by Sotsialno khudozhestvennoe iskusstvo SSSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol. 13, nos. 11-12, 1968.

MAKELA [ART]. Issued by Latvian Padomja nashistalemu, arhitekta, komponista, kinematografijas darbinieku savieniba un Teatra biedriba [Association of Artists, Architects, Composers, Motion-Picture Workers and the Theater Society]. Riga, no. 4 (40), 1968. [in Latvian]

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the Russian S. S. R.] and others. Kiev, vol. 13, no. 8, Sep.-Oct. 1968.
Table of contents translated:
Glasova, I. I. - Toward new creative space. p. 2.

- Kul'obasho, R. - Our common objectives. p. 6.
 Vlasov, V. - To serve the people. p. 8.
 Radin, V. - Picturesqueness is an invention. p. 7.
 Paraderil, V. - Art devoid of humanistic ideals. p. 8.
 Krasnaya, M. - Dedicated to the Komsomol. p. 9.
 Krasnyy, I. - For human beauty. p. 10.
 Horvath, I. - An exhibition of L. Muzyl's works. p. 11.
 Krasnaya, R. - The paths of creative activity. p. 14.
 Drek, A. - Producer's conception and its stage interpretation. p. 16.
 Balinov, M. - Quiet! The performance has begun! p. 17.
 Shalotashvili, M. - She loves her friends. p. 20.
 Duryin, A. - Creative joy. p. 21.
 Kopylov, M. - Music of the Red Cosmika. p. 22.
 Kordish, M. - Artist and citizen. p. 24.
 Moshenko, M. - Rich melodies. p. 25.
 Vasylenko, A. - Creators of voices. p. 28.
 Polishov, M. - Idea and time. p. 29.
 Zelenova, A. - Vivifying nature. p. 31.
 Shodolova, V. - Second calling. p. 32.
 Brief news. p. 34.
 How to dress handsomely and tastefully. p. 36.

NOVON V KHODI, MAJKE, TEKHNICHESKAYA Seriya "Izobrazheniya" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY, "Arts" Series]. Moscow, no. 10, 1967; no. 10, 1968.

TVORCHESSTVO [CREATIVE WORK]. Issued by Sotn khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, vol. 13, no. 12(44), 1968.

1. ARCHITECTURE

RUSSIA (1968- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshego i srednego spetsial'nogo obrazovaniya. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Construction and Architecture]. Moscow, vol. 10, no. 11, 1967.

- Table of contents translated:
 Balinov, V. G. - Calculation of the single-span system of a suspension bridge with the cable (noted in the bending moment based on a deformed scheme). p. 2.
 Torkovskiy, M. S., Serdyuk, L. I. - Testing for adequate strength of the compressed areas in the concrete of reinforced concrete elements in unsymmetrical bending. p. 11.
 Mosov, V. S. - Experimental study of transverse tension in slab bridges. p. 17.
 Shvachkin, I. U. K. - Calculating beams considering their weight. p. 21.
 Kuznetsov, A. A. - Analyzing structural features of certain types of slanted steel conveyor galleries. p. 31.
 Dmitriyev, P. A., Ostrov, N. K. - Girded beams with an arching plywood side. p. 34.
 Blaker, I. A., Borodanovskiy, M. I. A. - Calculating beamless roofing. p. 41.
 Gordienko, I. A. - Stability of trapezoidal permanently rib-stiffened plates. p. 47.
 Bars, I. A. A., Ilyashko, A. L., Litvinov, V. L. - Natural vibration frequency of a rectangular plate compressed or extended by a nonuniform load on the end face. p. 51.
 Nagibin, L. M. - Stressed and deformed state of an elliptical anisotropic plate with finished edges. p. 64.
 Alekseyev, A. M. - Using the direct method for calculating cylindrical shells of average length. p. 68.
 Alekseyev, M. K. - Calculating plates made from nonlinear elastic materials. p. 69.
 Volynskiy, A. V., Vozda, A. E., Ferronovskiy, A. V. - Obtaining a semihydrostatic high-strength gypsum in liquid media. p. 71.
 Vinogradov, B. M., Ilyashko, A. K. - Some processes of autotrade hardening of laminated concrete. p. 74.
 Borokov, V. L. - Increasing the working cycles of molds at reinforced concrete plants. p. 79.
 Ilyashko, B. A., Osmachkin, B. P. - Using radioactive isotopes for investigating the regularities of vibrational movement of concrete slabs. p. 84.
 Bernat, L. I. - Development of asbestos cement production. p. 84.
 Pashchinskii, M. I. - Development of research in the organization of construction during the years of Soviet rule. p. 88.
 Keldos, V. A. - Quantitative analysis of the economic effect obtained by the introduction of planometric models. p. 103.
 Kovalenko, M. P., Babitskiy, O. M., Khodakov, A. D. - Preparation of peat soils for building. p. 108.
 Popov, E. I. - Automatic control of the house-building combine at "Chernomozol" Khabarovsk. p. 109.
 Isakov, M. K. - Controlling the accuracy in the trenchless method of laying pipelines. p. 112.

- Shchegolev, K. D. - Investigating the process used for cutting seams in freshly poured cement concrete pavement. p. 116.
 Egorov, E. L., Dvornik, R. L. - Some conditions for the adhesion of silicon - epoxy coating to steel. p. 120.
 Andrianov, I. A., Babitskiy, L. G. - Hydrocyclone for cleaning recirculating water. p. 125.
 Ivanov, M. G. - Aerodynamic properties of ventilated combustion roofs of apartment buildings of various geometric proportions. p. 133.
 Kovalyev, V. I., Bolotov, G. P. - Investigating the temperature range of shield-type insulation. p. 136.
 Litov, A. V. - Studying packing forces in an compressor for with an elastic ring. p. 139.
 Gurin, M. A. - Using an analog computer for calculating vibropercussive earthmoving machinery. p. 143.
 Kosh, V. M. - Velocity of pressureless fluid flow in circular pipes. p. 148.
 Tikhonov, V. K. - Efficiency of jet pumps. p. 154.
 Balashov, V. V., Vasil'yevskiy, V. P. - Evaluating the effect of building the water - supply system below the level of surface water supply galleries. p. 160.
 Kovalyev, I. A. M. - Estimating the summer temperatures of asphalt concrete pavements in the various climatic zones of the U.S.S.R. p. 165.
 Rishchuk, A. V., Bobrov, K. M. - Improving residence building in the U.S.S.R. p. 171.
 Koshchikov, V. I. - Layout features of apartments with corner and three-sided orientation in single-section apartment houses. p. 184.
 Volynskiy, L. N. - Characteristics of planning water - transport enterprises and apartment house complexes in oil- and gas-bearing regions of Western Siberia. p. 186.
 Khramov, M. F. - Some problems of building apartment houses with balconies. p. 194.

STROITEL'STVO I ARHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosstroyvesnyy komitet po delam stroitel'stva Ukrainy SSSR and Sotn arkhitektov Ukrainy [State Committee for Construction in the Ukrainian S.S.R. and the Association of Architects of the Ukraine]. Kiev, vol. 18, no. 8, May 1967.

- Table of contents translated:
 Koshov, I. - Odessa, a harbor city. p. 1.
 Ostrov, V., Shchegolev, V., Tondar, B. - General plan of a city in action. p. 6.
 Gervatskiy, B. - Industrial building. p. 10.
 Melchakov, M. - Odessa's harbors. p. 12.
 Valovskiy, E., and others. - Development of housing construction. p. 18.
 Koshchikov, B., Tal'kov, I. - Odessa as a resort town. p. 18.
 Dzhuravskiy, I. - National observatories. p. 21.
 Oshchinskii, V., Kashdan, M. - Public seaside resort area. p. 22.
 Kirichenko, M., Kotova, A. - Planting of greenery. p. 24.
 Koshov, I. - What the architects represent to the city. p. 25.
 Kravchenko, P., Zakharov, M. - Forge of building engineers. p. 30.
 Karavskiy, K., Romanenko, L., Lakso, I. - Cable roof. p. 31.
 Pionchovskiy, B., Galkovskiy, L., Bernat, P. - Organization of construction work. p. 32.
 Bernat, P. - Cities of Odessa Province are growing. p. 34.
 Gofberg, D. - Rural construction. p. 34.
 Chikina, M., Roshko, E. - Appearance of a new village. p. 36.

Vol. 18, no. 7, July 1967.

- Table of contents translated:
 Oshchikov, V. - Dnepropetrovsk Province in the last 80 years. p. 1.
 Zavalishko, P. - City on three hills. p. 5.
 Shchegolev, V., Melchakov, V., Poloskov, I. U. - General plan of Dnepropetrovsk. p. 12.
 Krykova, A. - Planning and building cities of the province. p. 14.
 Bogatitskiy, G., Boditskiy, I. - City improvement, landscape gardening, and public recreation areas. p. 18.
 Khodakov, I. U. - Sport complex "Meteo." p. 22.
 Teteruk, E. - New bridges over the Dnieper. p. 23.
 Vasil'yevskiy, E. - General plan of Zaporozhye. p. 24.
 Tal'chinskii, E., Kovtun, M. - Building the center of Zaporozhye. p. 27.
 Mervinov, N., Dronov, A. - New residential districts. p. 30.
 Residential area in Shvachko District. p. 31.
 Bordin, B. - Gates to the air route of a city. p. 32.
 Muzorov, A. - Sanitary regime of a residential area. p. 34.
 City landscaping and improvements in Zaporozhye. p. 36.
 Kharkov, M., Babitskiy, M. - State national park on Kharkov. p. 44.
 Furukov, B. - Developing resorts in the Azov Sea region. p. 47.

- Balogub, V., Kovtun, M. - Using standard projects on a complex relief. p. 40.
 Savitskiy, A. - Some problems facing rural construction. p. 43 of cover.

Vol. 18, no. 12, Dec. 1968.

- Table of contents translated:
 Zakhovskiy, G. V. - Designing club houses for rural settlements. p. 1.
 Gerasimov, V. A., Khokhol, I. U. F. - Pioneer camp "Sovetskoye." p. 4.
 Kiselev, G. M. - Year-round pioneer camp. p. 9.
 Turoshenko, A. P. - Architectural practices. p. 11.
 Sopilko, V. V. - Residential complexes of the future. p. 15.
 Levashova, B. M., Ivanovskiy, P. A. - Belaya Tserkov' combines of tires and rubber-asbestos products. p. 20.
 Litvinov, I. M. - Deep composition of subsoil soils. p. 22.
 Volynskiy, M. I. - Improving roof members for residential buildings. p. 25.
 Gerasimov, A. F., Frolov, V. P. - Construction of business establishments in Kharkov. p. 29.
 scope of reservoir lakes. p. 30.
 Dymov, V. M. - Tomb of a hero: monument of architecture. p. 34.
 Ignatov, O. M. - Architect Dostoyevskiy Stepanovich Shchegolev. p. 36.
 Sigalov, I. M. - New building complex of the Kiev Institute of Commerce and Economy. p. 38.

STROITEL'STVO I ARHITEKTURA Leningrada [CONSTRUCTION AND ARCHITECTURE IN Leningrad]. Organ of Leningradskiy komitet Leningradskogo gorodskogo Soveta deputatov trudeyushchikh [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 30, no. 10, Oct. 1968.

- Table of contents translated:
 Nikolaev, R. V. - We are building for future generations. p. 1.
 Popov, V. V. - Where is the threshold of creative maturity? p. 3.
 Bold contacts as often as possible. p. 7.
 Pilyay, A., Romanov, E., Chernykh, I. U. - On the hard ways of working. p. 10.
 Dolobov, V. - Knowledge, initiative, and responsibility. p. 14.
 Borkin, A. - Talking school. p. 16.
 Pustik, I. I. - Leningrad University. p. 17.
 Kiselev, I. U. R., Shchegolev, E. A. - Komsomol'sk-on-Amur, a city of youth. p. 21.
 Evreinov, T. F. - Standard district. p. 24.
 Mosov, I. S., Khramov, R. I. - New cities will appear on the map. p. 28.
 Lobanov, M. D. - Striving for new ideas. p. 32.
 Belinskii, T. F. - For the Elroy Works. p. 33.
 Tatarinov, K. P. - Share of young architects. p. 37.
 Koshov, E. L. - In close cooperation. p. 38.
 Khramov, V. F. - About a colleague. p. 34.
 Raditskiy, G. L. - On the level of modern requirements. p. 40.
 That is for you, young people!

Vol. 30, no. 11, Nov. 1968.

- Table of contents translated:
 Ostrov, V. K. - Transformed by the Great October. p. 1.
 Shchetov, L. L. - General plan in action. p. 5.
 Karlov, I. I. - Building projects and landscapes. p. 14.
 Alonchikov, A. A. - Are the new squares in Vyborg district being formed correctly? p. 17.
 Shchetov, A. M. - First blocks in the new Shchetov-Osaki district. p. 23.
 Aristarkov, P. I. - Concern for the beauty of home district. p. 24.
 Ushakov, E. K. - On a voluntary basis. p. 25.
 Melchikov, A. P. - Where will new thoroughfares pass? p. 26.
 Fedorov, M. A. - Future goals and urgent needs. p. 30.
 Krylov, K. E. - When district development residential buildings are of different types. p. 30.
 Isakov, A. P. - Sports area. p. 32.
 In Vyborg district. p. 34.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

POSTRANNOYE IARYKI V SHKOLAH [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosvetitel'stva SSSR [Ministry of Education of the U.S.S.R.]. Moscow, no. 8, 1968.

KHET JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti MEV Teaduste Akadeemia and Eesti MEV Kirjandus Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 11, no. 12, Dec. 1968. [In Estonian].

NOVAIA DNOSTRANNAIA LITERATURA PO IAKYHO-SMAHIU (NEW FOREIGN LITERATURE LINGUISTICS). Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, 1968.

NOVAIA SOVETSKAYA LITERATURA PO IAKYHO-SMAHIU (NEW SOVIET LITERATURE ON LINGUISTICS). Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1968.

RUSKII IAKYK V Natsional'noi shkole [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademii pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, no. 1, Jan.-Feb. 1969.

RUSKII IAKYK V Natsional'noi shkole [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Published as supplement to "Azərbaycan məktəbi." Baku, vol. 21, nos. 11-12 (223-224), Nov.-Dec. 1967; vol. 22, nos. 1-3 (225-227), Jan.-Mar. 1968.

RUSKII IAKYK V shkole [RUSSIAN LANGUAGE IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 6, Nov.-Dec. 1968.

RUSKII IAKYK NA RUSKIM RUSKIM [RUSSIAN LANGUAGE ABROAD]. Issued by Nauchno-metodicheskiy tsentr ruskogo iazyka pri Moskovskom universitete [Scientific and Methodological Center of the Russian Language at Moscow University]. Moscow, no. 4, 1967.

SBORNIK REKOMENDUYEMYKH TERMINOV (COMPILATION OF RECOMMENDED TERMINOLOGY). Moscow, no. 77, 1968.

UKRAINSKA MOVA I LITERATURA V shkole [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 14, no. 11, Nov. 1968.

1. LITERATURE & FOLKLORE

ALA-TOO [HATIRATNO-KHODOSTRENYI i obshchestvenno-politicheskiy zhurnal (ALA-TOO): Literary and Sociopolitical Magazine]. Organ of Botsk piasalel Kirgizskii i Molodetskii obshchestvennykh nauk Akademii nauk SSSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S.S.R.]. Frunze, vol. 37, no. 12, Dec. 1968; vol. 38, no. 1, Jan. 1969. [In Kirgiz]

DETSKAYA LITERATURA [CHILDREN'S LITERATURE]. Issued by Komitet po pechatu pri Sovete Ministrov RSFSR and Botsk piasalel RSFSR [Committee for Printing, Attached to the Council of Ministers of the R.S.F.S.R., and the Association of Writers of the R.S.F.S.R.]. Moscow, vol. 4, no. 1, 1968.

DELA [MORFIO]. Issued by Tsentrallyi komitet Lezhnogo komitetatsionnogo sovetu molodetskoi Gruzii i Rossiiskoi komitetsii sovetskoi organizatsii iazyka pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic of the Soviet Union of Pioneers]. Tbilisi, no. 11, 1968. [In Georgian]

DNIPRO [DNIPRO]. Organ of Tsentrallyi komitet Lezhnogo komitetatsionnogo sovetu molodetskoi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 48, no. 1, 1968.

DOM. Organ of Botsk piasalel RSFSR and Botsk piasalel obshchestvennykh nauk Akademii nauk SSSR [Association of Writers of the R.S.F.S.R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 14, no. 1, Jan. 1969.

DOSTRANNAIA LITERATURA (FOREIGN LITERATURE). Organ of Botsk piasalel RSFSR [Association of Writers of the U.S.S.R.]. Moscow, no. 1, Jan. 1968.

EDUOIT [YOUTH]. Organ of Botsk piasalel RSFSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 14, no. 12 (53), Dec. 1968; vol. 15, no. 1 (54), Jan. 1969.

KAROOM [THE BANNER]. Issued by Latvian pedagogical instituts (Association of Writers of Soviet Latvia). Riga, no. 12, 1968 [In Latvian].

KHOTUGU SULUG [STAR OF THE NORTH]. Yakutsk, no. 1, 1968. [In Yakut]

LITERATURNAYA ARMENIA [LITERARY ARMENIA]. Organ of Pravitsia Botsk piasalel Armenskii [Administration of the Association of Writers of Armenia]. Yerevan, vol. 10, no. 11, Nov. 1968.

LITERATURNAYA GRUZIA [LITERARY GEORGIA]. Organ of Botsk piasalel Gruzii [Association of Writers of Georgia]. Tbilisi, vol. 12, no. 12, Dec. 1968.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIDZHAN]. Organ of Botsk piasalel Azerbaidzhanskii [Association of Writers of Azerbaijan]. Baku, vol. 24, no. 12, Dec. 1968.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGIZSTAN]. Organ of Botsk piasalel Kirgizskii [Association of Writers of Kirgizia]. Frunze, vol. 14, no. 8, Nov.-Dec. 1968.

LOOMING [CREATIVE WORK]. Issued by Khadi ROY Kirgizskii Lit [Association of Writers of the Kirgiz S.S.R.]. Tbilisi, nos. 11-12, Nov.-Dec. 1968. [In Kirgiz]

MOLODAIA OVARDIA [HATIRATNO-KHODOSTRENYI i obshchestvenno-politicheskiy zhurnal (YOUNG GUARD): Literary and Sociopolitical Magazine]. Issued by Tsentrallyi komitet Vsesoyuznogo Lezhnogo komitetatsionnogo sovetu molodetskoi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 12, Dec. 1968; nos. 1-2, Jan.-Feb. 1969.

MOLOT [HAMMER]. Organ of the Association of Writers of the Udmurt A.S.S.R. Izhevsk, no. 1, Jan. 1969. [In Udmurt]

MOSKVA [MOSCOW]. Organ of Botsk piasalel RSFSR and Moskovskoe obshchestvenno-politicheskiy zhurnal [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol. 13, no. 1, 1968.

NAUCHNYI UNIVERSITET: Fakul'tet literatury i iskusstva [PEOPLE'S UNIVERSITY: Faculty of Literature and Art]. Moscow, no. 10, 1968.

NERMAN [NORMAN RIVER]. Organ of Botsk piasalel RSFSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 18, no. 1, Jan. 1969.

NIYA. Organ of Botsk piasalel RSFSR and Leningradskoe obshchestvenno-politicheskiy zhurnal [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 1, 1968.

NIYU [DNIEPR RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 37, no. 12, 1968. [In Moldavian]

NOVAIA DNOSTRANNAIA LITERATURA PO LITERATURNYI DNOSTRANNAIA (NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE). Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-10, 1968.

NOVAIA SOVETSKAYA LITERATURA PO LITERATURNYI DNOSTRANNAIA (NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE). Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, 1968.

NOVON V KHIZMI, MAUKI, TIKHONIK, Boris "Literatura" [NEWS ABOUT LIFE, SOURCE, TECHNOLOGY, "Literature" Series]. Moscow, nos. 5, 7/8-10, 1968.

OGNI KUKHARA [HATIRATNO-KHODOSTRENYI i obshchestvenno-politicheskiy zhurnal (OGNI OF THE KUKHARA BARN, Literary and Sociopolitical Almanac). Published by Kemerovskoe izdatel'stvo [Kemerovo Publishing House]. Kemerovo, no. 18, 1967.

OCTOBER [OCTOBER]. Organ of Botsk piasalel RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, no. 8, Jan. 1968.

Table of contents translated:

Oshin, Andrii - Milk of the she-wolf, a novel (to be continued), p. 3.

Ivov, Mikhail - In the restaurant "Juras perle," I love life, we are work horses, p. 3.

Uria, Viktor - Golden fallow, p. 97.

Grubovskii, Iurii - Unkiss, a story, p. 82.

Konstantinov, Valentin - Memory of the forest; verse, p. 105.

Vlasov, Iurii - The eternal truth, a story, p. 103.

Markov, Aleksei - Open conversation; verse, p. 111.

Kulikov, Boris - Warms of the earth, p. 114.

Popov, Boris - Nightmare; a tale, p. 117.

Bellav, Vladimir - The crime continues, p. 148.

Khuzov, V., Orlov, Iu. - Does the school need a "middle teacher"? p. 122.

Stepanov, R. - The most divine person, p. 178.

Gusev, A. - Our division, p. 178.

Goruchikov, M. - Helix, p. 197.

Mo. 8, Sep. 1968.

Table of contents (translation):

Rudakovskii, Ivan - Vse'na Don Qubota; a tale in verse, p. 3.

Kuznetsov, Nikolai - Driver Elzina. Memory of a soldier, p. 18.

Kozlov, Vladimir - Maria and love; verse. Translated from the Azerbaijani, p. 13.

Gidrov, Valentin - Honor and glory; verse, p. 77.

Lapsh, Leonid - Recollections, p. 79.

Kyushka, Mikhail - Miniatures, p. 87.

Levitskiy, Mikhail - Devilry. A satirical tale, p. 98.

Konstantinov, N.G. - War years, p. 128.

Carlin, Boris - The foreman from Tagil, p. 188.

Maglov, Vladimir - Therapeutic errors and vital consequences, p. 173.

Guslov, L.S. - In the Republic of San Marino, p. 187.

Pastikov, Iu. - In whom a human heart beats, p. 194.

Parkov, V. - The implacable, p. 198.

Tarasova, Marina - Youth for golden culture, p. 208.

Andreev, A. - Ballet "theories" and life, p. 284.

Mo. 11, Oct. 1968.

Table of contents translated:

Mamontov, Vladimir - Legend of the communists; verse, p. 3.

Vlasov, Vladimir - Failed of the "International," p. 5.

Kavaler, Ivan - The incommensurable; verse, p. 7.

Kutakov, Valentin - I am a communist, Memory; verse, p. 8.

Orlov, Lev - Both fathers and sons; a novel, p. 9.

Bukh, Kiria - I am called to be a poet, p. 20.

Postupal'skaya, Maria - Kozomodo; a story, p. 101.

Korolev, Vladimir - I did not see all of Russia; verse, p. 11.

Lecher, Iurii - Piece for the road, Memory. The artist, p. 117.

Lavrov, D'm. - A nice elegant dog; a story, p. 119.

Tavrov, I.A. - A talent for struggle, p. 122.

Mikhlin, Elena - Life as it is, p. 149.

ONCHYKO [FORWARD]. Organ of the Association of Writers of the Mari A.S.S.R. Koshkar-Ola, no. 6, Nov.-Dec. 1968. [In Mari]

PERGAL [THE VICTORY]. Organ of Liotovsk TER rasytsoj anjuna [Association of Writers of the Lithuanian S.S.R.]. Vilnius, no. 1, 1968. [In Lithuanian]

POD'EM [UPWING]. Issued by Voronezhskoe obshchestvenno-politicheskiy zhurnal [Association of Writers of the R.S.F.S.R.]. Voronezh, no. 6, Nov.-Dec. 1968.

POLJARNAYA SVETIDA [THE NORTH STAR]. Organ of Botsk piasalel piasalel Yakutskii [Association of Writers of Yakutia]. Yakutsk, no. 8, Nov.-Dec. 1968.

PRAPOR [HATIRATNO-KHODOSTRENYI i obshchestvenno-politicheskiy zhurnal (BANNER): Literary and Sociopolitical Magazine]. Issued by Spilka pya'mosnykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 11, 1968.

PROSTOR [WIDE-OPEN SPACES]. Issued by Botsk piasalel Kazakhskii [Association of Writers of Kazakhstan]. Alma-Ata, no. 12, Dec. 1968; no. 1, Jan. 1969.

PORALIPPU [THE RUD BANNER]. Issued by Botsk piasalel Karelskii ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrosavodsk, vol. 40, no. 6, 1968. [In Finnish]

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Iskybid Literaturny im. T.I. Shevchenko Akademii nauk URSR and Spilka pya'mosnykh Ukrainy [Ukrainian Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 10, nos. 7, 9-10, July, Sep.-Oct. 1968.

Vol. 11, no. 8, May 1967.

Table of contents translated:

Tristatskiy, A. - In the united association of Soviet writers, p. 3.

Brishan, Volodymyr - Inquisitiveness of the writer, p. 14.

Iarantseva, N. - Dramatic and harmonious aspects of art, p. 15.

Tyshchenko, V.I. - Sources for M. P. Starytskiy's novel "The bandit Karmaluk," p. 52.

Kiselev, N.K. - Kolodnytskiy and Gorki's publishing house "Zasada," p. 57.

Shchegolev, Iurii - M. I. Kostomarov, writer and literary worker, p. 65.

Babenok, Ivan - Iryhorii Kadyshevskiy, Artistic logic of the image, p. 64.

Poltoratskiy, O. - Oleg Vlyuko, p. 88.

Kyryuk, Iurii - M. Vagovskiy "Mykola Koval," p. 73.

Mashkova, V. - Letters of Mark Chernyshevskiy to V. Gorkiy, p. 74.

Ofitskiy, V. U. - Was M. P. Starytskiy ever an emigrant? p. 77.

Borodina, V. S. - The October Revolution and the Soviet literary heritage, p. 82.

Syrovatka, I. - Prospects of specific sociological research, p. 84.

M. P. - Scientific council in Minsk, p. 98.

Rotach, Petro - In the archive of a Bolshevik scholar, p. 99.

Vol. 12, no. 11, Nov. 1968.

Table of contents translated:

The October Revolution, Lenin, literature, p. 3.

Vlasov, Petro - Sense of time and sensation of words, p. 8.

- VOПРОСЫ ГЕОЛОГИИ, ГЕОГРАФИИ И КЛИМАТА**
[PROBLEMS IN GEOLOGY, GEOGRAPHY AND LOCAL
NATURE STUDY]. Issued by Kazakh geografi. Kazakh-
skogo gosudarstvennogo pedagogicheskogo instituta
(Chair of Geography of the Kazakh State Pedagogical
Institute). Kazan, no. 3, 1964.
- Table of contents translated:
Rakshinskaya, R. G. - Professional and pedagogical
training in a course in the physical geography of the
parts of the world, p. 2.
Fefelova, I. V. - Study of school textbooks in teachers'
colleges, p. 28.
Menzharov, V. G. - What kind of course is needed in
teachers' colleges, p. 32.
Menzharov, V. G. - What a textbook on mineralogy for
teachers' colleges should be like, p. 32.
Menzharov, V. G. - Some characteristics of the
arrangement of a textbook on petrography for teachers'
colleges, p. 35.
Kagan, A. I. - Problems and organization of the field
complex practice in physical geography in biological
and geographical departments of teachers' colleges,
p. 28.
Semenov, V. M. - Oil potential of Middle Carboniferous
sediments within the Aktyubinsk-Molokan De-
pression, p. 41.
Mishchenko, V. V., Semenov, V. M. - Prospects for
drilling oil in Middle Carboniferous sediments
within the Verkhokhanskaya Depression and in
adjacent areas, p. 43.
Trofimov, A. M., Babakov, I. V. - Evolution of
slopes under conditions of rugged relief, p. 52.
Aver'kova, G. A. - Effect of geology on the formation
of an underground source for the small rivers of
Tataria, p. 57.
Babakov, I. V., Kuznetsova, L. A. - Conducting
spring hydrogeological observations in erosion relief
forms, p. 62.
Gorukhov, I. V. - Basic characteristics of city settle-
ments in the northeastern part of the Tatar A.S.S.R.,
p. 65.
Borland, E. A. - Volga Valley: economic and geo-
graphic characteristics, p. 74.

2. GEOLOGY & PALEONTOLOGY

- АКАДЕМИЯ НАУК КАЗАХСКОЙ ССР, Алма-Ата.**
Институт гидрогеологии и гидрофизики. Труды [ACADEMY
OF SCIENCES OF THE KAZAKH S.S.R. Institute of
Hydrogeology and Hydrophysics. Transactions]. Alma-
Ata, vol. 1, 1964. Regional hydrogeological studies in
Kazakhstan.
- Table of contents translated:
Akhmedov, U. M. - Resources of underground
waters of Kazakhstan, prospects and methods of
their utilization for irrigation, p. 3.
Akhmedov, U. M., and others. - Artesian waters
of southern Kazakhstan, p. 34.
Kaganov, A., Sydykov, Sh. - Spatial distribution and
formation of slightly mineralized waters of the
Mangyshlak Peninsula, p. 47.
Sapozhko, S. M., and others. - Role of basaltic breccia
in the formation of highly efficient fresh underground
waters in the southeastern part of central Kazakh-
stan, p. 58.
Khapchukov, B. Zh., and others. - Hydrogeological
conditions governing the processing of some ore
deposits in central Kazakhstan, p. 69.
Dudakov, A. K. - Underground waters of the south-
eastern part of the Karakum phosphorite basin and
adjacent areas, p. 84.
Khoroshilova, M. A. - Karst-interstitial waters of
the Kargir zone of volcanic fields in central
Kazakhstan, p. 91.
Akhmedov, T. K., Dabekov, M. T., Kheperidze, V. Sh. -
Underground waters of the northeastern
slope of the Lesser Karakum as a source of water
supply for mining enterprises; as revealed by a
study made in the Kizylsai deposit, p. 100.
Boshkova, V. A., Kishinev, B. I., Sydykov, Sh. S. -
Hydrogeological and hydrogeochimical
conditions in the eastern part of the Caspian Low-
land in connection with prospects for drilling oil
and gas, p. 105.
Dobronravov, V. I. - Underground waters of the
Seydita horizon, the basic source of the eastern
part of the Ural Mountains region, p. 124.
Kuznetsov, R. M. - Formation of underground
waters of the Turkey Trough, p. 130.
Gintsev, A. V. - Formation of underground waters of
the Kizylsai Alai, p. 137.
Akhmedov, U. M., Ostrovskii, V. M. - Basic prob-
lems of qualitative hydrology in irrigated regions
of southeastern Kazakhstan, p. 138.
Chepur, V. S. - Basic characteristics of the dis-
tribution of heat in the upper parts of the earth's
crust in Kazakhstan, p. 144.
Kozlov, V. S., and others. - Thermal waters of
Kazakhstan and their use in the national economy,
p. 154.
Sydykov, Sh. - Underground flow in deep aquifers of
the Caspian Lowland, p. 164.
Vlasov, G. M. - Effect of atmospheric stratosphere on

- the regime and resources of underground waters of
alluvial deposits of the Aktyubinsk region of the
Ural Mountains region, p. 163.
Ostrovskii, V. M., Khoroshilova, M. A. - Accuracy
of calculating flow rates of wells on the basis of
curves showing the relation of flow to the draw-
down of a water well, as revealed by a study made
in Dzhambulskaya District, p. 163.
Lambert, T. T. - Underground waters of the Alai
Depression, p. 163.
Bosakov, I. S., Sydykov, I. V. - Methodology of the
evolution of the role of the water accumulation
of soil-ground cover on the northern slope of the
Tianshan Alai, p. 163.
Galkin, V. V. - Water resources of the Irise coal-
copper-magnetite deposit (southern Kazakhstan)
and problems of their utilization, p. 163.

- АКАДЕМИЯ НАУК СССР, Геологический институт. Труды**
[ACADEMY OF SCIENCES OF THE U.S.S.R. Geo-
logical Institute. Transactions]. Moscow, no. 177,
1964.
- Contents: Gharman, R. E., and others. [Basic
stages in the development of the vegetation of
Northern Asia in the Quaternary]. Osnovnye etapy
razvitiya rastitel'nosti Severnoi Azii v mezotsene.
263 p.

- АКАДЕМИЯ НАУК СССР, Космический институт.**
Труды [ACADEMY OF SCIENCES OF THE
U.S.S.R. Kosmicheskiy Institut. Transactions].
Moscow, no. 1, 1964. Geology, geophysics,
mineralogy, and petrography of the northern part
of the Ural and Tianshan Ranges.
- Table of contents translated:
Futina, M. V., Galkin, B. A., Kishinev, B. I. -
Characteristics of the evolution of magmatic and
metasomatic processes in the southern part of the
Pechora Ural, p. 3.
Mikhailov, B. A. - Kewell dolerites of the Kunda
Peninsula, p. 30.
Babakov, V. A., Kishinev, B. I. - Examples of the
endogenic argillization of granites adjacent to cry-
stalline massifs, p. 35.
Kishinev, B. I., Pashkov, V. M. - New data on the geo-
logy and rare metal metallogeny of rocks of the
Ural in the Upper Pechora basin, p. 49.
Dudakov, V. V., Kuznetsov, K. I., Artyukov, M. V. -
Physical properties of chlorites of quartz veins in
the subvolcanic Ural Mountains region, p. 61.
Babakov, V. V., Kuznetsov, T. A. - New data on quartz
crystallography, p. 71.
Babakov, V. V. - Evaluation of (the effect of) pyrite on
the results of thermal analysis, p. 72.
Kuznetsov, O. S., Kishinev, B. I. - Mineralogy of
geochemistry of ancient weathering surfaces on ba-
sals in the northern part of the Tianshan Ranges, p. 81.
Kishinev, B. I. - Characteristics of the geochemistry
of rare metal elements in granitoids of the south-
ern part of the Pechora Ural, p. 110.
Futina, M. V., Mikhailov, B. A. - Phosites in lampro-
phyres and metagabbros of the northern part of the
Tianshan Ranges, p. 128.
Galkin, V. V., Kishinev, B. I. - Effect of metamor-
phism on the distribution of other elements in sedi-
mentary-metamorphic rocks in the northern part
of the Tianshan Ranges, p. 130.
Futina, M. V., Kishinev, B. I., Galkin, B. A. -
Typochemical and characteristics of the behavior
of highly mobile elements in igneous rocks of the
subvolcanic Ural Mountains region, p. 143.
Kishinev, B. I., Kuznetsov, M. V. - Determination of
some rare earth elements in natural rocks using the
method of ion chromatography, p. 154.
Mikhailov, B. A., Kishinev, B. I., Galkin, B. A. -
New data on the geology of the Ural, p. 154.

- АКАДЕМИЯ НАУК СССР, Институт геологии и геофизики. Труды [ACADEMY OF SCIENCES
OF THE U.S.S.R. Institute of Geology and Geophysics.
Transactions]. Moscow, no. 177, 1964.**
- Contents: Babakov, I. V., and others. [Geo-
logy of the northeastern part of the U.S.S.R.].
Geologiya Severo-Vostochnoi SSSR. Otv. red. V. M. Galkin.
128 p.

- ЛЕНИНГРАД, МАКЕНО-БЕЛЕРОВИЧЕВСКИЙ ИНСТИ-
ТУТ ГЕОЛОГИИ И ПАЛЕОНТОЛОГИИ. Труды [MACENO-
BELEROVICHESKIY INSTITUT GEOLOGII I PALEONTOLOGII.
Transactions]. Leningrad, no. 1, 1964. Studies in
the Geology of the Arctic. Studies. Paleontology and Biostratigraphy. No. 1, 1964.**
- Table of contents translated:
Gor, I. G., and others. - New data on the strati-
graphy of Upper Permian sediments in the middle
Lower Tunguska Valley, p. 5.
Sokolov, I. A. - Middle Cambrian fauna of the
Tribolites, p. 11.
Mikhailov, I. V. - General characteristics of
Ordovician complexes of Bryozoa of the Taysay
Peninsula, p. 12.
Lysenko, E. L., Vostokov, L. I. - Devonian Leth-
rae of the southern part of Murayskaya, p. 28.
Kuznetsov, M. V. - Some species of Ammonoites
and Lethrae from Mesozoic sediments from the
northern part of Central Siberia, p. 48.
Bosakov, I. S. - New species of Late Cretaceous

- plants of northern Siberia determined by spores
and pollen, p. 74.

- № 15, 1964.**
Table of contents translated:
Mikhailov, I. V. - Sediments of the Uralian stage
in the Khatanga basin, p. 5.
Bosakov, I. S., Mikhailov, I. V. - Stratigraphy of
Carboniferous sediments of the Orulgan Range
(Verkhokhansk Range), p. 10.
Lev, O. M. - Complexes of Ordovician from Jurassic
sediments of the Anzhar region, p. 25.
Pervinskaya, M. A. - Basis of the stratigraphic
division of coal-bearing sediments of the Kizylsai
region according to data on spore-pollen studies,
p. 44.
Kishinev, B. I., Lashchenko, M. P. - Cambrian fossil
worms of Siberia, p. 47.
Vasilievskaya, M. D. - Some Early Cretaceous plants
of the Kizylsai region (Lower coal basins), p. 49.
Vasilievskaya, M. D. - Spores and pollen from Mesozoic
sediments of the eastern part of the Oymyakon Trough
(Koryak Highlands), p. 77.

- ЛЕНИНГРАД, ВЕЩЕВНИЙ ГЕОЛОГИЧЕСКИЙ ИНСТИТУТ**
Труды [ALL-UNION GEOLOGICAL INSTITUTE. Trans-
actions]. Vol. 146, 1964. Series "Zakononomernosti
razvitiya i obrazovaniya poleznykh iskopaemykh"
[Series "Characteristics of the distribution and for-
mation of minerals"], no. 45. Conditions governing the
localization of phosphorite-bearing sediments of
Siberia.

- Vol. 146, 1964. Series "Zakononomernosti razvitiya i
obrazovaniya poleznykh iskopaemykh" [Series "Char-
acteristics of the distribution and formation of min-
erals"], no. 45. Conditions governing the localization
of phosphorite-bearing sediments of Siberia.
- Table of contents translated:
Kuznetsov, V. P. - Problems of prospecting for large
deposits rich with phosphorites in Siberia, p. 3.
Mikhailov, A. S., Smirnov, A. G., Gerasimov, E. K. -
Phosphorite resources of Siberia: geological and
economic review, p. 18.
Babakov, V. I. - Some characteristics of the localization
of phosphorites, p. 35.
Gerasimov, E. K., Rodin, R. R., Shmatko, A. V. - Origin
of phosphorites, p. 40.
Babakov, V. I., Kuznetsov, M. M. - Ways of solving
problems of the genesis of hard phosphorite rock,
p. 50.
Kishinev, B. I. - Relation of phosphorites to organic
matter in Ordovician sediments of the Pechora-
Tunguska basin, p. 56.
Smirnov, A. G., and others. - New phosphorite depo-
sits in the southern part of Krasnoyarsk Territory,
p. 64.
Mikhailov, I. V. - Lithology and stratigraphy of phos-
phorite-bearing sediments in Gornaya Shoria, p.
70.
Mikhailov, A. S., Sytykh, M. I. - Structure and phos-
phate potential of volcanic-silicic formation of the
Western Sayan Mountains and Tianshan, p. 85.
Dudakov, V. I., and others. - Phosphate manifestation
in Lower Paleozoic sediments of the northeastern
part of the Central Siberian Plateau, p. 88.
Mikhailov, A. S. - Phosphorites of the Tereza-
Aldan block (Khatanga Alatau), p. 103.
Petrov, I. M. - Lower Carboniferous phosphatic rocks
of the Khatanga basin, p. 108.
Dudakov, V. I., and others. - Phosphorite potential in
Lower and Middle Devonian sediments of the
Dudinka Valley, p. 111.
Akhmedov, A. I., Kishinev, B. I. - Concentration phosphorites
in the Anzhar horizon of the Cambrian of the
Siberian Ranges, p. 118.
Mikhailov, B. I. - Devonian phosphorites of the Norilsk
region, p. 121.
Babakov, V. I., Mikhailov, B. I. - Phosphate manifestation
of Khatanga sediments in the Khatanga Valley, p. 126.
Kuznetsov, E. G. - Apatite-magnetite ores of the
Khatanga Valley from ore deposits in the Alai, p. 133.
Kishinev, B. I., Kuznetsov, A. M. - Phosphate potential
of Upper Cretaceous iron ore sediments in the
Tunguska and Khatanga basins, p. 137.
Mikhailov, B. I. - Methodology of the quantitative
spectral determination of basic rock-forming and
minor elements in carbonate rocks, p. 140.

- МИНЕРАЛОГИЧЕСКИЙ СБОРНИК [MINERALOGICAL
REVIEW].** Issued by L'vovskiy gosudarstvennyi uni-
versitet [Lvov State University]. Lvov, vol. 2, no. 4,
1967.

- Table of contents translated:
Lashchenko, E. K., Mikhailov, I. V., Mikhailov, V. S. -
Some crystal-chemical and genetic peculiarities
of mixed-layer silicates, p. 22.
Mikhailov, B. I., Pashkov, V. M., Gorov, M. -
Genetic significance of calcic-magnesian
amphiboles and calcic-ferromagnesian dolomites,
p. 30.
Lashchenko, E. K. - Amphiboles from Yeliseyevka in the
region of the Sea Azov, p. 32.
Galkin, M. P. - Amphibole-mineral forms of sulfur
and iron and bimodality of rocks of the Poly-
arska series of the Ukrainian ois-Carpathian region,
p. 34.
Rudkovskii, B. F. - Study of the morphology of quartz
from forest soils from the aspect of fractal analysis,
p. 37.
Galkin, E. L. - Paramorphs of kyanite on andalusite
("chistotska") from the Voronezhskaya Tundra,
p. 40.
Tatarskii, V. B. - Composition of series of flat sets
parallel to various faces of a crystal, p. 40.

- Blazhenko, L. M. - Effect of the electronic structure of atoms on the crystallochemical characteristics of elements and compounds. p. 177.
- Bobkov, R. O. - Relation of the problem of the crystallochemistry of natural sulfides to the problem of ore formation and the role of mathematical methods in mineralogical crystallography. p. 388.
- Bravitskiy, A. A. - Formation of twin crystals of diamond. p. 321.
- Iashinskaya, A. A., Melnikov, V. A. - Some aspects in the study of the surface of particles of algal form of the Siboga-Alin' meteorite. p. 398.
- Kamenskoy, I. E. - Effect of the temperature of quartz crystallization on the entry of a structural impurity of aluminum. p. 394.
- Davidenko, I. V. - Relation of structural impurities in quartz to the conditions of crystallization. p. 399.
- Malinitskiy, V. B., Baitkova, I. U. A. - Effect of the orientation of quartz crystals during their growth time on the shape and size of rhombohedron faces. p. 400.
- Prizantsov, L. A. - Oriented growth of quartz crystals on keldspar. p. 403.
- Gelgov, V. M. - Importance of the study of the internal structure of mineral individuals. p. 407.
- Kudrovskiy, R. A., Stepanov, A. A. - Some problems of experimental studies in mineralogical crystallography. p. 410.
- Milashin, V. I., Tsvetkov, A. M. - Some characteristics of the crystalline structure of silicon and its effective use in technology. p. 412.
- Ponomarev, L. P. - Mechanical properties of crystalline silicon produced industrially. p. 414.
- S. M. Blazhenko, L. P. - Literature on the mineralogy of the Ukraine in 1966. p. 418.
- Resolution of the All-Union Interdepartmental Conference on Problems of Mineralogical Crystallography. p. 437.
- МИРОВОЕ ТЕНЕНТ ДАННЫХ. Каталог публикаций. IX Глобология. X География. [WORLD DATA CENTER Bi. Catalog of Publications. IX Globalology X Geography]. Moscow, no. 13-14, Jan.-Dec. 1966; no. 15, Jan.-June 1967.
- МОСКОВСКОЕ ОБЩЕСТВО ИСТОРИИ ПРИРОДЫ. Bulletin [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 73, Old geological section [Geological section]. Moscow, vol. 43, no. 3, May-June 1966.
- Table of contents translated:
- Kholod, M. M. - Pliocene and Quaternary sediments and the geological history of Ustyurt and the Mangyshlak Peninsula. p. 5.
- Kulasev, V. S., Florinskii, P. V. - Cyclicality in the development of the Mangyshlak Peninsula, Ustyurt, and adjacent regions in the Parana and Triassic. p. 14.
- Kozlov, V. S., Kostar, L. A. - Lower boundary of Khaman sediments in the central and north-western regions of central Ciscaucasia. p. 23.
- Khidirova, L. S., Karim, I. N., Popova, L. A. - Rhythmic sedimentation of the Late Miocene and Pliocene Basins in northeastern Sakhalin. p. 34.
- Bhofina, I. L., Lapina, L. A. - Mesozoic sediments on the Paimon Plateau. p. 54.
- Jessab, F. R. - Stratigraphy of the Upper Carboniferous marine basins of the Tien Shan. p. 59.
- Poinatshikov, G. P., Golovinskiy, A. S. - Age of siliceous-lupar sediments of the southern margin of the Kokchetav anticline. p. 67.
- Elkashina, P. T. - Devonian and Permian terrigenous and mineralogical basins of the West Siberian Plain. p. 73-80.
- Kabradin, V. I. - Characterization of the Dzhagdy shear zone (Tajikistan) in the portion between the Daps and Mors Rivers. p. 81.
- Saikh, M. A., Stepanov, Zh. O., Cholekha, L. S. - New data on the Upper Cretaceous volcano-sedimentary formation in the western part of the Lesser Caucasus. p. 88-89.
- Vorobey, G. R. - Role of processes of the regional metamorphism in the formation of some types of mineral waters and their provinces. p. 94.
- Lazgin, D. K., Chelalov, A. A. - Effect of recent tectonics on the formation of mountain elevations. p. 104.
- Shavryina, A. V. - Landform indicators of fresh-water-lenses in the maritime part of Daghestan. p. 113.
- Aliev, S. V. - Water potential and barot formations in the Crimea. p. 118.
- Kopervich, G. V. - New genus of Bryozoa of the family Histioclyadidae from the Siberian of Estonia. p. 121.
- Activity of the Geological Section of the Moscow Naturalists' Society. p. 123.
- ОБЩЕЕ ВОПРОСЫ ЭВОЛЮЦИОННОЙ ПАЛЕОБОЛОГИИ [GENERAL PROBLEMS IN EVOLUTIONARY PALEOBIOLOGY]. Issued by Institute of Paleobiology of the Academy of Sciences of the Georgian S.S.R. Tbilisi, no. 3, 1966.
- Table of contents translated:
- Gerasimov, V. I. - Specialization and the problem of extinction. p. 5.
- Burobak-Abramovich, H. I. - Causes for the extinction of some representatives of rillies in the past and present. p. 20.
- Chokhava, K. I. - Some causes of extinction in the Pliocene flora of western Georgia and their possible causes. p. 46.
- Khinchashvili, M. G. - Extinction of ammonites. p. 50.
- Tekladishvili, I. G. - Causes for the extinction of the family Valencinellidae. p. 71.
- Popchadze, M. V. - Causes for the decline and extinction of Brachopoda. p. 81.
- РЕФЕРАТИВНЫЙ ЖУРНАЛ: ГЕОЛОГИЯ [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 13, Dec. 1966.
- СОВЕТСКАЯ ГЕОЛОГИЯ [SOVIET GEOLOGY]. Organ of Gosstatizvestiy geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.]. Moscow, vol. 11, no. 10, Oct. 1966.
- Table of contents translated:
- On the eve of the great data. p. 5.
- Tonina, I. N., Favorskaya, M. A. - Ore concentrating structures and principles of local propagation of endogenous mineralization. p. 6.
- Durichov, I. V. - Problems of the genesis of "contact-metamorphic" iron deposits as revealed by study made in the deposits of the Ural-Sayan area. p. 11.
- Grishchov, L. L., Ivanov, S. D., Malinovskiy, I. U. M. - Boundary between Jurassic and Cretaceous systems in the southern part of the Upper Azov Darya Depression. p. 27.
- Mikhal'skiy, V. M. - Volcanic sulfur deposits of Indonesia. p. 46.
- Kotlar, S. G. - Main types of structures, igneous activity, and metallogeny of the Yana-Kolyma fold system. p. 54.
- Brav, I. M. - Tectonic characteristics and prospects for finding oil and gas in the southern part of the Ural and Volga basins. p. 54.
- Krivitskiy, A. I. - Practice in compiling large scale maps of metamorphic and volcanic formations as revealed by a study made in the Buryatskaya area, the Southern Ural. p. 60.
- Kaprovskiy, S. I. A. - Prices of explored mineral resources. p. 66.
- Yakovleva, M. A., Senathia, M. M., Viorovskiy, A. V. - Model potential of the ancient weathering surface of ultrabasic rocks of the Alapayevsk Massif. p. 104.
- Gryshchov, I. G., Dymakov, A. I. - Pre-Tertiary basement in the Mangyshlak Peninsula and Ustyurt. p. 108.
- Tsinov, V. D., Piontshikov, V. P. - Molybdenite from the Tashkent region. p. 112.
- Melnikov, O. M., Kholod, M. I. U., Kholodskiy, A. G. - Characterization of the geological structure of the Mangyshlak-Bella Island zone and conditions governing the formation of oil and gas pools. p. 118.
- Shostakov, V. M. - Basic characteristics of the dynamics of underground waters of Pre-Mesozoic formations of the Volga-Podolian margin of the Russian Platform. p. 122.
- Kondrashev, M. V., Kruglikov, V. V. - Freshwater lenses under the bottom of the Caspian Sea in the Turkmenian Shelf. p. 126.
- Vladimirov, L. A., Tsinov, V. A. - Contact effect of ultrabasic rocks. p. 127.
- Andreev, R. I. - Use of complex processing of data from seismic drilling for paleogeographic analysis. p. 130.
- In memory of Aleksandr Sergeyevich Godkov. p. 137.
- ВЕСЕЛУЕ НОВИ МИНЕРАЛОГИЧЕСКИ ОБЩЕСТВО. Kapski [ALL-UNION MINERALOGICAL SOCIETY. Kapski]. Moscow, vol. 87, no. 2, 1966.
- Table of contents translated:
- Plakovsky, A. M., Mironov, A. S. - Optical absorption spectra of apatites. p. 267.
- Moisey, A. V. - Recent formation of some magmatic minerals on Mendeleev Volcano in Kamchatka Island. p. 273.
- Grishchov, I. G. - Stages of the circumvental hydrothermal metamorphism of enclosing rocks. p. 281.
- Semenova, M. S., Donskov, V. I. - Kalsilite from the Mironovskiy aluminosilicate (Eastern Siberia). p. 281.
- Dubinskaya, V. M., Korotkiy, I. A. - Behavior of foraminifera in the supergaseous zone of complex metal deposits (Eastern Transbaikalia). p. 301.
- Dvornikov, A. G., Tikhonova, E. G. - Characterization of the distribution and composition of iron disulfides from the coals of the Donskaya Basin. p. 309.
- Yakovleva, M. P., Sidorenko, G. A. - Melnikovite is to be considered as a definite mineral species. p. 321.
- Mironov, M. M., and others. - Vanadium-arsenic germanite. p. 336.
- Dmitriyevskaya, E. A., Liden, V. V., Rodnitskiy, V. M. - Lead-bearing jaspers from the Ustyurt deposit. p. 332.
- Kalashov, M. M. - Fridelite and its ferrous variety from the deposits of the Altay region (central Kazakhstan). p. 342.
- Radosova, G. G., Karadzhova, B. - Loose aggregates of topaz from secondary quartzites of Kresna Gora. p. 348.
- Abdullayev, R. M., Ansaliev, Dzh. A. - Find of pumpellyite in the Lesser Caucasus. p. 349.
- Darskov, L. V., and others. - Nature of pink-colored selenite. p. 349.
- Stepanov, K. A., Kharkov, A. M. - Role of graphitization in the control of mineralization in the uranium deposit of the vein type. p. 361.
- Shadrinskii, L. I. - Statistical distribution of minerals by syngenetic systems. p. 371.
- Lashin, E. M., Lashin, I. U. V. - Temperature characteristics of postmagmatic deposits. p. 384.
- Kalashov, V. M. - Use of the method of selective staining of feldspars. p. 387.
- Burik, V. A., Kuchukova, T. V. - Methodology for the determination of pH and Eh suspensions of vein quartz. p. 378.
- Tokar, N. I., Kravtsov, M. P. - Effect of negative temperatures on the physical state and properties of asbestos. p. 373.
- Kukichov, P. I., and others. - Some characteristics of the (110) grain formation of synthetic corundum crystals grown by the hydrothermal method. p. 376.
- Tsinov, V. A. - Possible method of the energy calculation of the sequence of the separation of silicates in nature. p. 377.
- Ponomarev, A. D. - International forum on the study of asbestos in England. p. 381.

13. SCIENCE

a. GENERAL

АКАДЕМИЯ НАУК АРМЯНСКОГО ССР, Eriyagh. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Eriyagh, vol. 46, no. 4, 1966.

- Table of contents translated:
- Movsisyan, A. B. - Some properties of generalized Volterra-type equations. p. 148.
- Krein, M. G., Melnik-Adamchik, F. E. - On the theory of S -matrices of canonical differential equations with summable potential. p. 150.
- Oruzi, V. T. S., Movsisyan, L. A. - Stability of the moment state of a cylindrical shell. p. 156.
- Arakelian, G. N. - Interaction between a shock wave and a wedge. p. 160.
- Amelina, R. O., Mesarov, A. G. - On the stochastic theory of atomic resistance. p. 163.
- Arhontov, R. M. - The Ginzburg-Landau equations as applied to a current-carrying superconductor. p. 172.
- Oganesyan, Dzh. B. - Spectrum of relativistic electrons in plasma with nonthermal radio emission. p. 178.
- Pasakha, M. M., and others. - Catalytic activity of polyphenylacetylenes in the dehydration of dehydroxybenzoinol. p. 179.
- Isagolianskiy, V. I., Melnikov, V. I. - Construction of S -matrices with nonnormalizable asymptotic states. p. 183.
- Galst'yan, A. Sh., Khachatryan, L. A. - Effect of ear-bone on the intensity of soil "respiration." p. 184.
- Karapetian, A. I. - Age and ore potential of the Tashkent-Bella Island (Tajikistan) intrusion in the Mangyshlak-Bella Island region of the Armenian S.S.R. p. 186.
- Gevanian, M. G. - Water content in nonisolated leaves and its changes in relation to plant root supply with water. p. 186.
- Kalashnikov, N. L., Chelalov, M. Kh. - Physiological active substances produced by nodules bacteria. p. 190.
- Melik-Mkhasyan, A. B. - Correlation projections of the endo- and exo-herms. p. 195.

АКАДЕМИЯ НАУК АЗЕРБАЙДЖАНСКОГО ССР, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJANI S.S.R. Reports]. Baku, vol. 24, no. 4, 1966.

- Table of contents translated:
- Ganidov, A. A. - Approximation of functions by Lagrange interpolation polynomials in a complex domain. p. 3.
- Shakhtabinskii, M. G., Tomilov, D. B., Kaliev, A. A. - Heat conductivity of bisulfite-sulfonate solid solutions. p. 6.
- Abasov, M. T., Tsinovskiy, A. V., Rakhimskiy, M. S. - Approximate dependence on the temperature of pressure in the initial stage of retrograde phenomena in the system water - natural gas. p. 9.
- Isaev, R. G., and others. - Synthesis of esters of monobenzoylcholine glycol. p. 15.
- Grishchov, M. M., and others. - Synthesis of isopentyl-substituted benzoyl. p. 18.
- Seidov, M. M., Abasov, A. I., Dalia, M. A. - Some modifications of polyethylene chains. p. 23.
- Mamedov, T. I., Salakhova, S. I. A., Badykova, G. I. - Facile polymerization of 3-methyl-1-butene. p. 25.
- Korotkiy, L. L., Konstant, A. A. - Studies in the field of permeability of polypropylene (PPA) with cellulose diacetate (DCA). p. 30.
- Saleimov, M. S. - Textures and structures of ores of the Kadamak ore deposit. p. 36.
- Aliev, G. A. - New genus of the family Martiniidae. p. 41.
- Barkalov, Sh. O. - Some new lichens from Azerbaijan. p. 43.
- Muradov, A. S. - Study of the effect of leaf quality of experimentally developed triploid mulberry

- forms on biological silkworm radiosa. p.49
 Kharay, A.I., and others. - Participation of
 hypophyseal hormones in interreceptive glycemia
 reflexes. p.53
 Abdullayev, R.A. - Nitrogen metabolism changes in
 experimental diabetes of sheep. p.57
 Said-Zade, A.A. - Ashy-Peri Marulianly. p.53
 Allera, G. - Azerbaijanian masters of artistic textile
 fabrics at the Tiflis exhibition of 1937. p.58.
- AKADEMIA NAUK SSSR Doklady [ACADEMY OF SCI-
 ENCES OF THE U.S.S.R. Reports]. Moscow,
 vol.163, no.6, 1968.
- Table of contents translated:
- MATHEMATICS:
 Ablov, V.A., Agakhanyan, S.A. - Approximation of
 differentiable functions by Fourier-Mercator sums.
 p.1347
 Barzdia, I.A.M. - Complexity of programs recognizing
 natural numbers not exceeding n as belonging to
 a recursively enumerable set. p.1349
 Gubenko, I.G. - Single-product dynamical model with
 bounded structure. p.1353
 Gol'dberg, V.N. - Appearance of discontinuities in
 controlling the solutions of nonlinear mixed problems
 for hyperbolic equations on a plane. p.1357
 Egorov, I.U.V. - A class of pseudodifferential opera-
 tors. p.1361
 Kishineva, T.K. - Cauchy problems for a class of
 nonlinear differential equations of the second order in
 Hilbert space. p.1364
 Kholova, Z.I. - Structure of the fundamental sets of
 topological spaces of weight. p.1368
 Kozlovskiy, A.I., Mil'man, V.D. - Numerical method
 for finding partially stable singular points of ordi-
 nary differential equations. p.1371
 Lifanov, L.K. - Dimensionality of products of bicon-
 volution. p.1373
 Feldman, M.I. - Linear forms of logarithms of alge-
 braic numbers. p.1375
 Shatalov, V.E., Shukhman, I.A. - Dirichlet's series
 for elliptic operators. p.1384
 Kishinevskiy, E. - Bifurcation conditions and classifi-
 cation of cells of a three-dimensional dynamical sys-
 tem without closed trajectories. p.1387
 CYBERNETICS AND REGULATION THEORY:
 Krasovskiy, M.K. - A differential game for redundancy
 of controlled objects. p.1397
 Shneider, I.U.L. - A thermodynamical model of adapta-
 tion. p.1400
 ASTRONOMY:
 Gutkin, A.M. and others. - Adsorption mechanism
 underlying the loss of the lunar atmosphere. p.1394
 MATHEMATICAL PHYSICS:
 Khodishev, L.G. - Generalized Bogolubov functions and
 the elements of the formal δ -matrix. p.1394
 PHYSICS:
 Derjagin, B.V., Fedakho, M.M. - Gelling of lipids
 in capillaries. p.1398
 Myrva van Elms. - Some experimental effects of the
 form factor. p.1403
 TECHNICAL PHYSICS:
 Vlasova, E.E., Vlasova, E.M. - Distortions of the
 crystal lattice in ordered nickel-chromium alloys.
 p.1406
 Markov, A.I., Mikhlin, M.V., Reinder, P.A. -
 Foundation of the criterion of strength of brittle
 bodies under conditions of nonuniform hydrostatic
 pressure. p.1410
 Brechnev, V.M., Kocherzhevskiy, I.U.A., Iupko,
 L.M. - Polymorphism of acetylenic dihalides.
 p.1413
 CRYSTALLOGRAPHY:
 Berezin, V.I. - Calculation formulas for structural
 factors and their derivatives in the case of aniso-
 tropic thermal oscillations. p.1415
 CHEMISTRY:
 Aleksandrov, I.U.A. - Chain initiation reaction in
 autooxidation of triethyllead. p.1418
 Gashov, V.I., Malachuk, E.M., Stepanov, B.M. -
 Confirmation of 2,3,4,5-di-o-propyldene- β -D-
 fructose examined by means of nuclear magnetic
 resonance of high resolution. p.1422
 Gerasimov, I.U.V., Koshlarskova, L.M., Spitsyn,
 V.I. - Planning of a single-factor chemical
 experiment. p.1425
 Korotkiy, V.V., Rastvorov, A.L., Kabanova, R.D. -
 Synthesis and study of polybenzimidazopyrrolones
 containing ether bonds in the main chains of macromolecules. p.1427
 L'vov, T.L., Pashin, A.A., Mikhlin, B.P. -
 Solubility of perfluorinated quaternary ammonium
 salts (perfluoromethyltrimethyl ammonium) in
 aqueous solutions of HClO_4 , HCl , NaClO_4 and their
 mixtures. p.1431
 Molisev, V.V., Omeva, E.O., Stokrovskiy, V.M. -
 3-Aryl-1,3-indanones as the agents of chain
 transfer. p.1435
 Padovik, A.M., Shukrova, A.M., Mikhlin, V.I. -
 Condensation and (RO)-oxidation of phosphenes.
 p.1438
 Rastvorov, O.A., Mikhlin, E.V., Dodanov, V.A. -
 Peroxide or geminal dihalide compounds of thallium and
 some of their reactions. p.1442
 Langel'skiy, I.U.P., Malachuk, I.U.V., Lavrovskiy,
 K.P. - Thermal transformation of diacylpyrrolones
 as initiated by azobenzene. p.1444
- PHYSICAL CHEMISTRY:
 Golebchikov, L.T., and others. - Cracking of octenes
 on zeolite catalysts of X and Y type with alkali earth
 metal cations. p.1448
 Malkin, M.I., Shchegolevskiy, M.A., Solovov, S.L. -
 Opticomechanical properties of organic liquids and
 their synthesis by the solidification of polymers in
 the presence of large amount of plasticizer. p.1451
 Medvedevskiy, M.T., and others. - Protective
 action of propyl gallate in the radiolysis of aqueous
 DNA solutions. p.1454
 Rodnitskiy, L.A., and others. - Reactivity of oxygen
 adsorbed on silver and its connection with the work
 function of an electron. p.1458
 Tal'roze, V.L., Orlovskiy, V.D. - Chromatic-adsor-
 ptive analysis of mixtures. p.1461
 Pignirovskiy, E.M., Kiselev, V.V. - Surface changing
 effects of a semiconductor during physical adsorp-
 tion of inert gases. p.1465
 Chernikov, A.I., Medvedev, S.B. - Emulsion poly-
 merization of methyl methacrylate in the presence
 of polymeric emulsifiers. p.1468
 CHEMICAL TECHNOLOGY:
 Gashov, V.P., Kozlovskiy, M.T., Muryshev,
 M.K. - Effect of surface active substances on the
 concentration of metals by amalgams. p.1473
 GEOLOGY:
 Avdeyeva, O.M. - New data on the tectonics of the
 Karpatian Ridge. p.1477
 Bekirov, A.B., and others. - Fied of granulites of the
 Tremadoc stage in the Korymbos series (Korymbos
 Ridge, South Kazakhstan). p.1481
 Bylinkin, B.V., Stepanov, G.I. - Elements of the
 structural geology of the Taryn-Ard area.
 p.1483
 Davtyan, A.L., Markova, M.O., Shchegolevskiy, L.R. -
 Control of the geological evaluation of the age of
 ancient lithological formations of the Baltic Sea accord-
 ing to C^{14} data. p.1487
 Okuneva, T.M. - Some problems in the Upper Triassic
 stratigraphy of the Bureya-Angara interflow.
 p.1491
 Stepanov, I.B. - Conditions governing the formation
 of placer in the areas of Quaternary glaciation;
 as revealed by a study made on the western slope
 of the Central and Northern Urals. p.1493
 MINERALOGY:
 Korytkova, E.M., Fedoseev, A.D., Makrova, T.A. -
 Synthesis of fibrous amphibole on the basis of
 olivine recrystallization under hydrothermal condi-
 tions. p.1496
 Lebedev, L.M., Gorokhova, L.M. - Recent mineral
 formation in tectonic constructions of Pamirs
 (Kazakhstan). p.1500
 Shastina, D.P., and others. - "Vineite," a new
 native borate. p.1502
 PETROGRAPHY:
 Malashuk, V.A. - Differentiation of a mother in the
 stage of decomposing metakomolite. p.1506
 PALEONTOLOGY:
 Koltova, I.A. - Pollen of Platanifoliales McGregoria
 Rostk, 1942 in Kozlov sediments of Yakutia.
 p.1510
 CYTOLOGY:
 Danilov, L.V., Rokhsheva, K.D., Bodriyagina, A.V. -
 Nature of cytoplasmic granules of the allanoid
 epithelium of chick embryo. p.1513
 GENETICS:
 Monakhova, M.A., Koshchik, A.I. - Content of chro-
 mosomes with the nuclear membrane in spermatocytes
 of *Acetabularia medusarum borealis*. p.1516
 BIOPHYSICS:
 Fridkin, L.I., Fokht-Daniel, A., Shlyk, A.A. -
 Fluorescence of chlorophyll *b* in β -carotene
 model of core. p.1520
 Chuvpurova, E.P., Alievskiy, L.L. - Study of func-
 tional groups of the active center of creatine kinase
 by photolysis method. p.1524
 BIOCHEMISTRY:
 Bryukov, S.M., Mikheeva, S.E., Khramova, V.M. -
 Relationship between the density and structural-
 mechanical properties of collagen complex of the
 skin and acid glycosaminoglycans. p.1528
 Kalitova, G.M., Koshchik, A.A., Salikhov, T.A. -
 Study of anti-labeled ribonucleic acids and ribo-
 somes associated with nucleosomes in a synchro-
 nized culture of *Acetabularia medusarum*. p.1531
 Korotkiy, V.V., Dubinskaya, M.I., Lomashov, V.A. -
 Subcellular distribution of aspartate in cell and
 tissue lysates. p.1535
 PLANT PHYSIOLOGY:
 Bell, L.M., and others. - Spectrum of the energy
 output in photosynthesis. Anomaly in the short-
 wave region of visible spectrum. p.1539
 Vostresenskaya, M.P., Olsheva, I.B., Krylov,
 I.U.V. - Effect of prolonged and short-lived action
 of blue light on photosynthesis in pea. p.1543
 BIOLOGY:
 Prygunova, R.V. - Development cycle of *Oikarus*
glacialis Jankov in the White Sea. p.1547
 PHYSIOLOGY:
 Lomashov, V.A., Makhovskiy, R.M. - Possibility
 of "switching of external media" in the development
 of a chick. p.1551
- Vol.163, no.1, 1968.
 Table of contents translated:
 MATHEMATICS:
 Andrianov, A.N. - Rationality of Hecke's multiple
 series of a complete linear group and Shimura's
 hypothesis on Hecke's series of a symplectic
 group. p.9
 Bakushinskii, A.B. - Regularization algorithms for
 linear equations with unbounded operators. p.12
 Koshchikov, R.I. - Three theorems on nonlinear
 equations with monotone operators. p.21
 Kozlov, Z.I. - Projective acts of topological spaces
 of weight ω . p.37
 Mil'man, V.D., Mil'man, P.D. - Fixed points of
 noncompact mappings. p.41
 Malinov, V.I. - A priori estimates of solutions of
 elliptic equations in the class of analytic functions.
 p.45
 Toom, A.L. - A family of uniform nets of formal
 neurons. p.48
 THEORY OF ELASTICITY:
 Volkov, B.D., and others. - Initial thermomechanical
 stresses in two-component media. p.53
 MATHEMATICAL PHYSICS:
 Zaslavskiy, O.L., Shabat, V.N. - A class of representa-
 tions of canonical commutative relations in
 quantum field theory. p.64
 PHYSICS:
 Arifov, U.A., Aliev, A.A. - Angular regularities of
 energy spectra of secondary ions scattered by a
 single crystal. p.66
 Mikhlin, M.A., Volkov, V.V. - X-ray L_{α} and L_{β}
 emission bands and the structure of the 3d-shell
 of copper. p.64
 Grishchuk, V.P., Roganov, N.L. - Universal relation
 between absorption spectra and luminescence
 spectra in semiconductors with large pumping
 intensities. p.67
 Korovin, M.L., and others. - Role of mercury in the
 process of anomalous photoconductivity of amor-
 phous selenium. p.71
 Kravtsov, I.U.A. - Quasi-isotropic approximation of
 geometrical optics. p.74
 Fashenko, S.D., and others. - Turbulent heating of
 plasma in a torus. p.77
 TECHNICAL PHYSICS:
 Kozlov, K.B., Karpov, L.V. - Effect of surface-
 active agents on the initiation of a primary contact-
 fatigue crack. p.80
 Koshkin, V.M., Atrushchikov, L.V., Frolov, I.U.A. -
 Impurities in semiconductors with multicomponent
 vacancies. p.83
 Lakotnik, V.I., Torkhov, G.V. - A liquid metal
 absorbing nitrogen from a plasma. p.87
 CRYSTALLOGRAPHY:
 Koshchik, S.M., Pashkov, L.M., Babin, I.A. - Use of
 the nuclear quadrupole resonance method in study-
 ing synthetic niobylite (Aph β). p.94
 CHEMISTRY:
 Vasilov, A.P., and others. - Structure of some pro-
 ducts of reaction of phenylhydrazones with phos-
 phoric anhydride. p.94
 Kosh, A.M., Iudin, L.G., Chernyshova, M.B. -
 Simultaneous formation of pyrrolone and pyridine
 rings in Fischer's synthesis (new synthesis of a
 carbonyl). p.103
 Medvedev, I.U.A., Lomonova, T.N. - Reaction of pyridine
 tetramines of divalent platinum with nitric acid.
 p.108
 Mikhlin, A.N., and others. - More on the stereo-
 chemistry of exchange reactions of olefin carbon
 atoms. p.118
 Pashin, A.A., Lomashovskiy, P.K., Mikhlin, B.P. -
 Thermodynamic stability of ferrihydrite and
 goethite trihydroxide. p.124
 Grigoriev, A.I., Mikhlin, N.I. - Study of solutions
 of some nitrotriazoles by means of NMR and
 infrared spectroscopy. p.129
 Grigoriev, V.M., and others. - Conversions of n-pentane
 and cyclopentane on platinum, palladium, and
 palladium-silver alloy. p.134
 Kustayeva, L.A., Kuznetsov, S.I., Koshchikov, K.V. -
 Reaction kinetics of an coupling of quinone diastere-
 isomers with β -naphthol. p.138
 Koshchikov, V.I., and others. - Kinetics of carbon
 a chain polymer of carbon. p.138
 (ferrocene oxides in aqueous solutions. p.143
 Padovik, A.M., and others. - Reactions of aminophen-
 ylamine with α , β -unsaturated aldehydes. p.148
 Spitsyn, V.I., Tronov, V.K. - Double complexes of
 potassium and rare earth elements (La - La).
 p.150
 Shastina, V.I., Sklov, E.A., Korotkiy, M.I. - Steric
 factors in the iodination of unsaturated
 carboxylic acids. p.153
 Khramov-Borisov, M.V., Iodanov, M.L., Danilov,
 A.F. - Tetra-, nona-, and decahydro-1,2,3,4-
 pyridinium pyroboranes. Distribution of s-orbital
 density and relative s-orbital activity. p.154
 PHYSICAL CHEMISTRY:
 Barynov, V.G., Gusevskiy, K.A., Vostokov, S.I.A. -
 Observation of the direct genetic connection between
 spherical and orientational supermolecular order.
 p.157
 Gusev, V.M., Kuznetsov, M. - Density of vinyl and
 cadmium arenes in the solid and liquid states
 and their volume changes on melting. p.161
 Koshchikov, I.R., Shchegolevskiy, I.U.V., Koshchikov,
 L.M. - Homogeneous chemical equilibrium of
 H_2O_2 - HNO_3 dissolved in carbon dioxide in the
 neighborhood of the solvent critical point. p.164
 Levin, A.A. - Structure of energy zones and the
 nature of chemical bonds in group IV elements.
 p.168
 Chukharenko, A.M., Ilyashin, G.A., Vladimirova,
 L.M. - Hydrolysis and hydrolytic polymerization of
 silicon and hafnium esters studied by paper
 chromatography. p.168
 CHEMICAL TECHNOLOGY:
 Vorobiev, V.P., Krylov, V.B., Levich, V.G. -
 Numerical method of computation of turbulent

- Kotikov, P. K. - Variation of magnetic fields of sunspots in time. p. 84.
- Oppenicht, S. L. - Some characteristics of velocity fields in a developed active region. p. 85.
- Ogier, M. B. - Two types of chromospheric flares. p. 78.
- Kovikov, S. B., Tapp, T. T. - Time variation of a chromospheric network. p. 83.
- Karochka, L. M. - Profiles of hydrogen lines caused by a chemical action of broadening factors. p. 95.
- Pankratov, A. K., Stepanov, A. A. - Some results in studying the diurnal variation in nucleus and hard components of cosmic rays. p. 120.
- Vladimirov, B. M. - Minor flare effects in cosmic rays according to measurements in the stratosphere. p. 121.
- Pravov, V. M., Molisev, I. G., Mordukhai, M. G. - New radio telescope of the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. with a 25m parabolic reflector. p. 141.
- Kislov, V. A., Molisev, I. G. - Observation method of solar radio emission bursts by sharp-directed antennas. p. 141.
- Botarchuk, A. A. - Spectrophotometric investigation of δ and ϵ during 1960-1961. p. 154.
- Belashina, T. S. - Colors of symbiotic stars. p. 171.
- Gerasberg, R. K. - Analysis of simultaneous photometric and spectrographic observations of Ad Leo and UV Ceti flares. p. 177.
- Chapman, P. F. - Photoelectric observations of flare stars. Part 4. Photometry in H β line of flares of UV Ceti. p. 204.
- Gerasberg, R. K. - Optical thickness of a radiating, cooling, and expanding hydrogen cloud for radio transparency. p. 205.
- Botarchuk, A. A., Gerasberg, R. K., Odoyanov, K. V. - Formulas, graphs, and tables for the quantitative analysis of hydrogen radiation of emission objects. p. 206.
- Prentz, I. L., Chumov, K. K. - Photographic photometry in the galaxy NGC 514. p. 213.
- Goffard, G. P., Chab, A. T. - Investigation of the spectrum of turbulence in the application for stellar atmospheres. p. 220.
- Chernykh, N. S. - "Hydrogen" formations in the tail of the comet Iwate-Seki. p. 244.
- Aleksandro, A. M., Prokof'ev, V. V. - Application of television for the search of supernovae. p. 251.
- Taras, E. L. - Linearity of luminous characteristics of photo multipliers when using photon count. p. 257.
- Kamenskikh, L. V., Shalodovskiy, M. M. - Spectra of star oscillations in the region of infra-low frequencies on the H β line telescope. p. 264.
- Papov, G. M. - Two-color Cassegrain-type optical systems. p. 268.
- Brief note. p. 274.
- ASTRONOMICHESKII VESTNIK [ASTRONOMICAL REVIEW]. Issued by Vsesoyuznoye astronomo-geodeticheskoe obshchestvo [All-Union Astronomical and Geodetical Society]. Moscow, vol. 8, no. 4, Oct.-Dec. 1964.
- Table of contents translated:
- Bondarenko, L. M. - Polarization studies of the lunar surface. p. 153.
- Zakharov, E. L., and others. - Statistical classification of lunar and Martian ring formations according to diameters. p. 208.
- Stralkov, G. M. - Radiation of Venus near λ 1.35 cm. p. 217.
- Tsif'el', V. G. - Optical properties and the structure of Jupiter's atmosphere. Part I: Photometric contrasts, molecular absorption, and a possible structure of the dark equatorial band in 1942-1962. p. 220.
- Artem'ev, A. V. - Concerning the magnetogravitational capture. p. 229.
- Andrianov, M. K. - Some results of visual observations of the red spot of Jupiter in 1964-1967. p. 251.
- Chistilov, V. V. - Observations of total lunar eclipses on April 24 and October 18, 1967. p. 267.
- Kutateladze, G. M. - Photological observations in the U.S.S.R. and in foreign countries. p. 269.
- Davidovskiy, E. G., Porokhina, A. P. - Observations of occultations of stars by the moon in Gorkiy (1967). p. 284.
- ETALONNOYE VREMENIA V SVETLENIYE MOMENTY PEREDACHI RADIOKODIROVANNYKH SVETLOVYKH PERENOSIMOSTI [OFFICIAL TIME AT MOMENT OF TRANSMISSION OF RADIO ENCODED LIGHT SIGNALS]. Issued by Vsesoyuznyy nauchno-issledovatel'skii institut radiofizicheskikh i radioelektronnykh izmereniy [All-Union Scientific Research Institute of Physical and Radio Measurements]. Moscow, July, 1964.
- KOSMICHESKIE IZMERYENIYA [SPACE RESEARCH]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 8, Sep.-Oct. 1968.
- Table of contents translated:
- Ramenskoy, V. V. - Stability of stationary motions of free systems. p. 643.
- Drachuk, V. V. - Mathematical analysis of correction and deceleration problems for one class of trajectories of landing on a planet. p. 648.
- Kozlov, B. A. - Determination of motion parameters of a space vehicle in flight with an operating motor. p. 652.
- Mazurenko, A. I. - Some problems of the optimization of processing of orbital measurements of artificial earth satellites. p. 674.
- Malina, V. V. - Method for finding the approximately optimum control of space vehicles with low traction motors. p. 684.
- Klimovskiy, A. K. - Analysis of a system for controlling the path of a low traction vehicle. p. 687.
- Platov, V. D., Troshchikov, O. A. - Currents of coast-trapped particles and their interaction in a geomagnetic field (symmetrical approximation). p. 707.
- Misurina, N. K., Solodovnikov, G. K., Kosolov, D. A. - Possibility of single-valued experimental calculation of Faraday rotation angle of polarization plane of radio signals transmitted from space objects. p. 728.
- Mishchenko, V. A., and others. - Measurement of the ionosphere parameters by the method of "backscatter" radio-wave scattering. p. 733.
- Kolomoys, G. R., Belov, A. I. - Method for computing the dimensions of a space vehicle by reflected solar radiation. p. 735.
- Sheffer, E. K. - Measurement of the scattered solar L_{α} radiation in the upper terrestrial atmosphere at altitudes from 1000 km to 3600 km. p. 738.
- Konstantinov, B. P., and others. - Microsatellite studies conducted on "Kosmos-186" satellite. p. 738.
- Andrianov, E. I., Slepnev, M. S. - Piercing depth at the impact of meteor particles with prethreshold velocities. p. 752.
- Orlov, A. M., Goltsev, G. S. - Estimation of the lower boundary and thickness of the cloud layer on Venus. p. 756.
- Makarov, G. M. - Some problems in connection with the installation of a pencil-beam parabolic antenna on a space vehicle. p. 758.
- Afanas'ev, I. V., Lefk, V. P., Alekseyev, G. D. - Magnetometric equipment of space stations "Luna-10" and "Venera-4". p. 771.
- Orlov, I. S., and others. - Drug therapy and flight safety. p. 782.
- Delina, M. L., and others. - Growth stimulation in some biological objects under the vertical vibration effect. p. 784.
- Kheizer, A. A. - Stability according to the first approximation of the rotation of an artificial earth satellite around its mass center. p. 793.
- Kuznetsov, T. V. - 80V electron energy measurement in the upper atmosphere on December 11, 1964. p. 794.
- Makarov, T. K., Kozlovskiy, G. D., Vashukova, E. V. - Recording meteor particles by piezoelectric transducers. p. 797.
- MIROVOY TSEYTR DANNYKH [World Data Center]. Catalog of Publications. Meteorology. Moscow, no. 17, Jan.-June 1967.
- NOVOYE KHRONIKI, NAUCHN. TSEYTR, Seriya "Fizika, astronomiya" [NEW ABOUT LIFE, SCIENCE, TECHNOLOGY "Physics and Astronomy" Series]. Moscow, nos. 10, 12, 1964.
- REFERATIVNIYI ZHURNAL: ASTRONOMIYA [Abstracts: ASTRONOMY (Separate issue 81)]. Issued by Institut naukoobrazovaniya Akademiya nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-11, Oct.-Nov. 1968.
- REFERATIVNIYI ZHURNAL: GEODEZIYA [Abstracts: GEODESY (Separate issue 82)]. Issued by Institut naukoobrazovaniya Akademiya nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1968.
- REFERATIVNIYI ZHURNAL: FIZIKOSVOYANNYE IZMERYENIYA [Abstracts: PHYSICAL RESEARCH (Separate issue 83)]. Issued by Institut naukoobrazovaniya Akademiya nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 9-10, Sep.-Oct. 1968.
- SEMIYA I FIZIKOSVOYANNAYA [EARTH AND THE UNIVERSE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Sep.-Oct. 1968.
- Table of contents translated:
- Doroshin, I. I. - Cosmic rays and the solar wind. p. 2.
- Zukhovskiy, A. S. - General structure of the atmosphere and the ocean (mathematical models). p. 2.
- Drenov, D. A. - Straightening of beamlike structures. p. 2.
- Mishchenko, G. M. - Observation of the solar chromosphere using a large externally furnished coronagraph. p. 2.
- Bravskiy, E. V. - Mystery of double spectrum stars. p. 2.
- Isakovich, D. K. - On the causes of the explosion of supernovae. p. 2.
- Iskhaz, O. N. - Mars. The composition of its surface. p. 37.
- Kislov, V. V. - "Akademik Kurchatov" in the Indian Coast. p. 44.
- Anglartov, V. A. - New facts concerning the palaeozoic. p. 80.
- Milisev, R. F. - Avacha Sopka. p. 82.
- Photographs of the minor planet Icarus. p. 84.
- Goritskiy, V. G. - Viktor Ananuyevich Ananuyevich, his 80th birthday. p. 84.
- Pavlov, I. P. - Fourteenth general assembly of the International Geodetic Association. p. 61.
- Kislov, E. L. - Searching for meteorites at the Mikhota-Alm Range. p. 85.
- Milisev, R. F. - News on telescopes for amateur astronomers. Part 2. p. 78.
- Mikhailov, A. D., Zabolotny, V. V. - Astronomical observations during November and December 1968. p. 88.
- Pokrovskiy, V. V. - Scientists and astronomers on postage stamps of the world. p. 88.
- a. BIOLOGY
- AKADEMIYA NAUK KAZAKHSTANSKOY SSR, Alma-Ata. Izvestiya. Seriya biologicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Biological Series]. Alma-Ata, vol. 6, no. 8, Sep.-Oct. 1968.
- Table of contents translated:
- Academicians K. I. Shribin, p. 1.
- Boev, S. M. - K. I. Shribin and helminthology in Kazakhstan. p. 2.
- Galimov, I. G. - Biological trends of parasitology in Kazakhstan. p. 11.
- Shalits, H. S., and others. - Pathological and immunological shifts in prolonged repeated invasion of helminths. p. 19.
- Ovchinnikov, E. V., Makalimova, A. P. - New cestode species (Cestoda: Hymenolepididae) from *Thomomys talpae* Pall. p. 20.
- Agapova, A. L., Tarkova, Z. Kh. - Helminths of mink and muskrat in the southern Pamirs. p. 27.
- Makarov, Z. A., U. Chalikov, Sh. A., Karabekova, R. M. - p. 43.
- Shapovalov, I. D., Martynov, A. P., Kim, M. I. - Results of field experiments with perennial grasses of Kyzyl-Orda Province. p. 48.
- Polimbekova, F. A., and others. - Effect of chlorobutyl chloride (preparation TUR) on water wheat. p. 54.
- Makalimova, R. G., Muratova, Z. S. - Determining the localization of alkaloids in *Thalictrum flavum* L. tissues by fluorescence microscopy. p. 55.
- Tekanova, G. Kh., Chikanov, M. K., Chikova, F. B. - Effect of chemical preservatives on the bacterial flora of soil. p. 60.
- Donskoy, V. M., Zubkova, R. D. - Formation of organic acids in the process of glucose utilization by *Streptococcus*, *Staphylococcus* and *Enterobacter*. p. 71.
- Dalov, A. B. - Amylase activity in the digestive tract of dogs. p. 70.
- Karimov, M. A., Gadykov, Sh. B. - Muscarinic effect of some stimulants on the neuromuscular system of the cheek pouch of Syrian hamsters. p. 84.
- AKADEMIYA NAUK SSSR, Ural'skiy filial, Sverdlovsk. Nauchnyy zhurnal fiziko-khimicheskoy biologii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Journal of Physical and Chemical Biology. Transactions]. No. 64, 1967. Introduktsiya i soderzhanie razdelov na Ural. [Introduction and selection of plants in the Ural], no. 4.
- Table of contents translated:
- Vigorov, L. I. - Physiological and biochemical principles of plant acclimatization. p. 7.
- Mamaev, S. A. - Climate resources of the Ural in relation to plant acclimatization problems. p. 18.
- Kozlovskiy, M. A., Shaburov, V. L. - Remote hybridization as a method of the acclimatization of woody plants in the Central Ural. p. 20.
- Mamaev, S. A., Lomovskiy, M. A., Petrokhov, I. P. - Basic results of the introduction of woody plants in the Ural. p. 27.
- Kozlovskiy, M. A., Kishkova, D. K., Gidrasova, I. B. - Introduction and acclimatization of medicinal plants in the Bashkir A.S.S.R. p. 40.
- Chervikov, M. I. - Transpiration of snow-protecting trees in the southern Ural. p. 54.
- Bergov, L. I., Zilgintov, A. M. - Winter hardiness and frost-crack of woody plants in the Ural. p. 60.
- Kulagin, I. U. - Winter hardiness and winter drought resistance of *Robinia pseudoacacia*, *Amorpha fruticosa* and *Cotinus* in the city of Ufa. p. 63.
- Petrokhov, I. P. - Increase in frost resistance as result of acclimatization. p. 67.
- Protopopova, S. M. - Increase in winter hardiness of introduced woody plants in Central Siberia. p. 73.
- Petrokhov, I. P. - Frost resistance of a series of introduced and local woody plants in Sverdlovsk. p. 78.
- Mikhailovskiy, V. S. - Gas resistance of local and introduced woody plants in Sverdlovsk Province. p. 88.
- Kozlovskiy, M. A. - Selection of gas resistant lawn grasses. p. 91.
- Mamaev, S. A. - Variability of pine seed germination in relation to temperature balance. p. 97.
- Vigorov, L. I. - Characteristics of the acclimatization of various wheat ecotypes and their wild relatives in the Central Ural. p. 101.
- Martin, R. M., and others. - Shrub steppe as an element of landscape of the subarctic zone of the

- U.S.S.R. and their utilization. p.197.
- Kudimov, M.A. - Lethal and critical dosage of gamma rays for some woody plants introduced in White Russia. p.111.
- Mamere, R.T. - Feeding from soil as an important factor of the growth, development and acclimatization of ornamental plants. p.112.
- Sakharova, A.B., Lakov, M.I.A. - Scientific and practical significance of better selection of ornamental trees and shrubs for landscape gardening in the Bashkir A.S.S.R. p.121.
- Mamere, R.T., Latsko, V.M. - Introduction of quercus of the genus *Pinus* in the Ural. p.127.
- Taraso, A.O., and others - Species of trees and shrubs of the city of Saratov. p.121.
- Shishin, O.K. - Winter hardiness of trees in relation to their acclimatization in the Central Ural. p.129.
- Akshaturov, F.A. - Chokeberry forms in Kirov Province and their future utilization for landscape gardening. p.142.
- Timoshin, L.A. - Introduction of *Populus alba* pyramidalis in Irkutsk Province. p.143.
- Timoshin, L.A. - Introduction of coniferous plants on the territory of the Ural Heavy Machinery Plant. p.147.
- Zaitseva, Z.D. - Acclimatization of some wild ornamental grasses of Siberia and the Far East in the Botanical Garden of the Institute of Plant and Animal Ecology of the Ural Branch of the Academy of Sciences of the U.S.S.R. p.151.
- Kravchenko, O.A., Novikova, L.B. - European globe-flower in Bashkiria under natural conditions and its cultivation. p.157.
- Hogova, R.I. - *Onoclea grandiflora* in the Botanical Garden of Bashkiria. p.158.
- Petrova, M.I. - Study of *Morcinia* varieties in the Central Ural. p.153.
- Kravchenko, O.A. - Introduction and utilization for landscape gardening of *Bergenia crassifolia* in the city of Ufa. p.159.
- Vorobeyev, V.P. - Outdoor planting of flowers and ornamental plants. p.173.
- Kornel'skiy, Z.M. - Botanical and practical significance of the introduction and acclimatization of fruit and berry plants in the Karaganda Industrial Region. p.175.
- Bakimov, M.B., Doykova, F.I. - Altai apple varieties in Bashkiria. p.187.
- Molodtsov, V.A. - Apricot acclimatization in the Kuybyshev Botanical Garden. p.197.
- Nemilov, E.A. - Heat grape variety for the Udmurt A.S.S.R. and its cultivation practices. p.198.
- Bakimov, O.K., Murysova, M.M. - Dog rose in the cis-Ural region of the Bashkir A.S.S.R. p.204.
- Kozlov, I.U. - Experimental dog rose breeding in Bashkiria. p.205.
- Kuchinov, E.V., Rakhova, D.K. - Primary introduction of oil and essential oil plants in Bashkiria. p.206.
- Rakhova, D.K. - Biology of mallow in the forest steppe of Bashkiria. p.221.
- Popov, G.V., Molodtsov, S.I. - Some thorn-bearing wild and introduced woody plants and grasses in Bashkiria. p.226.
- Podolskiy, B.L. - Introduction and acclimatization of woody plants in forest steppe districts of the western cis-Ural region. p.228.
- Kuznetsov, V.G. - Cultivation of Siberian pine in the forest steppe of the cis-Ural region of Bashkiria. p.230.
- Krasovskiy, P.M. - Experimental introduction of trees and shrubs on Holocene soils of the Troitsk steppe. p.243.
- Vibe, O.U. - Cultivation of *Populus balsamifera* on Holocene soils. p.247.
- Lashchinskii, V.A. - Introduction of trees and shrubs for railway protecting belts in the Chelyabinsk district of the Southern Ural Railroad. p.251.
- Akshaturov, F.A. - Highly productive Borealis pine trees in Kirov Province. p.252.
- Mo, G. 1964. Behavior of radiotopes in model systems of terrestrial and freshwater biocenoses. Table of contents translated: Molodtsov, I.V. - Carina-144 behavior in some soil types. p.4.
- Chobolova, M.I.A. - Nature of descriptive action of extracts from the plant litter. p.12.
- Kulikov, M.V. - Effect of some complexes on the sorption of radiotopes by soil. p.20.
- Chobolova, M.I.A. - Effect of aqueous extracts from woody plant leaves on the manganese-54 migration in different soil types. p.24.
- Molodtsov, I.V. - Uptake of interogeneity of yitrium-91 and cesium-144 radiotopes in plants from nutrient solutions and soil. p.31.
- Mironov, B.A., Kuvshinov, E.M. - Effect of soil moisture on the behavior of sulfur-35, cobalt-60, and strontium-90 in the system soil - plant. p.54.
- Kulikov, M.V., Korobitsaya, M.M. - Effect of vegetation on the vertical cesium-144 migration in soil. p.67.
- Chobolova, M.I.A. - Effect of EDTA on the cobalt migration in peats subjected to topdressing. p.68.
- Molodtsov, G.I. - Distribution of some radiotopes in common pine seedlings. p.68.
- Kuvshinov, E.M. - Distribution of sulfur-35 according to basic groups of chemical compounds in peat and pine plants as related to soil moisture level. p.61.
- Timofeeva, M.A., Kulikov, M.V. - Role of freshwater plants in strontium-90 accumulation and distribution in different components of the body of water. p.64.
- Molodtsov, G.I., Gileva, E.A. - Accumulation of cesium-137, cesium-134, and cesium-132 by freshwater plants and the effect of EDTA on accumulation coefficients of these radiotopes. p.78.
- Lishimova, S.A., Timofeeva, M.A., Kulikov, M.V. - Accumulation of radiotopes by dead tissues of freshwater plants. p.79.
- AKADEMIYA NAUK BSHR, Minsk, Vestn. Serya biol.-gigiyenicheskaya [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Biological Sciences]. Minsk, no. 4, 1966.
- Table of contents translated: IAKHIMOV, B.I. - Characterization of the growth and development of pine seedlings under different soil conditions. p.5.
- Maksimovich, M.D., Dalavskaya, T.F., Alker, D.S. - Growth of woody plant seedlings and dry substance accumulation by them in relation to soil moisture. p.12.
- Pistron, I.A.H. - Geobotanical characteristics of swampy birch forests. p.20.
- Smol'skiy, M.U., Molodtsov, V.I. - Variability of flowers and the inflorescence of ornamental plants in experimental polyploidy. p.25.
- Ivanov, M.P. - Effect of organic fertilizers on potassium uptake in plants. p.33.
- Vainovskiy, A.P., Buz, A.P. - Effect of herbicides on the morphogenesis and productivity of fiber flax varieties. p.35.
- Fedorov, M.I., Baptonovich, K.B. - Change in pine photosynthesis as affected by root fungus. p.41.
- Stepakova, L.M. - Phytocenotic and ecologic analysis of the flora of the Plich floodplain. p.43.
- Vashev, A.B., Vasil'evich, V.K., Ruzhetskaya, U.M. - Isolation of polyphenoloxidase enzymes from potato tubers and the study of its composition. p.47.
- Artushchuk, I.L.F., Samstevich, B.A. - Dehydrogenase activity of nodal bacteria in peat. p.48.
- Ivanova, M.H. - Effect of temperature on central nervous conduction rate. p.51.
- Bryl', E.I.A., and others. - State of the endocrine system in acute radiation sickness in dogs. p.54.
- Kalash, A.A., Kholov, I.B. - Relationship between electrical and mechanical parameters of the heart activity in coronary disease patients. p.61.
- Kryukovskiy, I.P., Khristashkina, N.R. - Cholinesterase activity of the liver and skeletal muscle as related to the hypophysis-adrenal system state. p.73.
- Shchep, A.P. - State of the sympathetic-adrenal system in children with Botkin's disease. p.77.
- Familekova, K.V. - Modification of radiation biochemical changes by the introduction of steroid hormones. p.89.
- Shalimova, L.P. - Changes in the metabolism of MAD and MADH in brain hemispheres of rats subjected to X-ray irradiation with relatively small doses (40 r). p.87.
- Morzhinskaya, V.I., Samstevich, V.F., Litvinov, A.M. - Effect of food quality on the development and physiological state of *Basilica brassicae* L. caterpillars. p.91.
- Shchepnikov, A.M., Korobitskaya, M.M., Khranov, M.F. - Oxidative phosphorylation and cytochrome level in liver mitochondria of growing white rats following introduction of manganese. p.97.
- BERKSH PRIBODU PRUKAMIA [PROTECT MATURE IN THE KAMA VALLEY]. Issued by Perm'skaya oblastskaya organizatsiya Vsesoyuznogo obshchestva okhrany prirody [Perm Province Organization of the All-Russian Society for Nature Protection]. Perm, no. 1, 1966.
- Table of contents translated: Belitskiy, P.I. - More attention to the nature protection of the Kama region. p.6.
- Ustov, I.B. - Forests, the beauty of the Ural. p.9.
- Glasov, G.A., Petukhov, I.U. - Protect the green attire of our cities. p.14.
- Makarskiy, I.U., Belitskiy, I.K. - Reservoirs of Perm Province. p.18.
- Maksimovich, G.A. - World without man. p.21.
- Antik, E.K. - Monumental vegetation of Perm Province. p.21.
- Burkova, G.A. - Soil erosion control. p.44.
- Gerasimov, P.V. - Perm greenbelt. p.53.
- Liberfarb, V.A. - For richer landscape gardening. p.54.
- Solov'yev, K.B. - Fishes of Kama delta. p.54.
- Myshelkin, V.B. - Our animals and birds. p.56.
- Gorobov, K.A. - Insect eyes of the Kama region. p.70.
- Donskiy, A.M. - Forest wonders. p.73.
- Maksimovich, G.A., Shchep, I.M. - For wider use of medicinal mineral waters in Perm Province. p.83.
- Khrushch, V.Z. - Cemetery of ancient forests. p.84.
- Korobitskaya, V.V. - Forest clearing. p.81.
- Kovaleva, M.I.A. - Flora resources of the central cis-Ural region. p.91.
- Glasov, G.A., Lebedev, A.T. - Preserve valuable medicinal plants. p.90.
- Kuznetsov, A.A. - Beauty of the Ural. p.100.
- Molodtsov, V.V. - Little swatches. p.107.
- Chudnov, S.K. - Role of local steppes and school tourism in nature protection. p.100.
- Lebedev, I.A. - First steps (from the experience of the initial organization of Kholm in Zaporizhzhya). p.104.
- Chudnov, S.K. - Flora of Vysotskiy. p.100.
- Stogov, I.U. - To teachers and educators. p.113.
- Stogov, I.U. - Journal "Priroda." p.114.
- BIOLOGICHESKIY JURNAL ARMENII [BIOLOGICAL JOURNAL OF ARMENIA]. Issued by Akademii nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 2, no. 8, May 1966.
- Table of contents translated: Ter-Karapetian, M.A., and others - Chemistry of the snailage fermentation of green pea seeds. p.3.
- Kanalian, R.G., Benalian, U.Kh., Movsesian, S.O. - Participation of some nucleotides and pyridoxal phosphate in glutamate transformation in the mitochondrial beta fraction. p.10.
- Banvelian, V.M., Benalian, V.G. - Experimental therapy of cerebral edema in white rats and rabbits. p.37.
- Movsesian, E.A., and others - Relationship between macrophage cells and intact viruses and their infectious RNA. p.34.
- Grigoriyevskiy, R.I., Grigor'yan, D.G. - Effect of immunization on the content of serotonin and salic acid in the blood serum during development of alveolar carcinoma. p.43.
- Malat'ya, N.A., Shakhmat, M.A. - Effect of various doses of glutamate AHD and biotin 48 on the growth of weanling piglets. p.48.
- Shakhmat, K.V., Lugin, Zh.A. - State of carbohydrate metabolism in the liver of sheep infected with paratyphoid fever. p.53.
- Avakian, B.P. - Effect of ultraviolet rays on the variability of basic characters in white microorganisms. p.58.
- Agabekian, V.Sh. - Polymorphology of some primitive Angiosperms. p.68.
- Simonian, S.A. - Mycology review in Megri District of the Armenian S.S.R. p.78.
- Tosha, T.B. - Chromosome numbers in some species of the genus *Cestrum* L. p.85.
- Avakian, V.E., Marikyan, S.G., Voskanyan, V.R. - Botanical excursion to Kirghizistan. p.87.
- Akhmedov, K.B. - Species independence of the *aspidio* *Rhabdometra nigromaculata* Dobzhinska, 1944 (Cestoida: Paratritidae). p.103.
- BIOLOGIA V SHKOLU [BIOLOGY IN SCHOOLS]. Organ of Ministerstva prosvetsheniya RSFR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 8, Nov. - Dec. 1966.
- BOTANICHESKIY JURNAL [BOTANICAL JOURNAL]. Organ of Vsesoyuznogo botanicheskogo obshchestva [All-Union Botanical Society]. Moscow, vol. 32, no. 5, May 1966.
- Table of contents translated: Filipenko, I.M. - So-called phasic heterogeneity of tissues. p.677.
- Voskresenskiy, V.L. - Carbon dioxide compensatory point in gaseous exchange of plants. p.582.
- Loshkova, A.K. - Some morphological and anatomical characteristics of the structure of underground organs in *Glycyrrhiza glabra* L. and *G. uralensis* Fisch. p.586.
- Gerasimova-Navashina, K.M., and others. - Process of double fertilization at low temperatures. p.614.
- Banikova, V.P. - Disturbances in the embryogenesis resulting from remote interspecific hybridization of *Eleocharis paniculata* L. / *M. rostrata* L. p.626.
- Imkhedskaya, M.M. - Problem of the authenticity of *Saxifraga* found in Cretaceous deposits of the Soviet Union. p.639.
- Vinoba, K.K. - In memory of P. Galst'yan. p.718.
- Ukrayevskiy, I.D., Kravtsov, K.A. - Institute of Experimental Botany of the Academy of Sciences of the White Russian S.S.R. p.718.
- Petrovskiy, V.V., Litvinov, M.V. - Discussion of some vegetation types at the scientific seminar of the Laboratory of the Far World Vegetation of the Botanical Institute of the Academy of Sciences of the U.S.S.R. p.721.
- Grushinskaya, I.A. - Conference on forestry research in the Far East (Vladivostok, August 31-30, 1967). p.731.
- Vasil'ev, E.R. - Leaf anatomy in some arboreal legumes of the African savanna. p.683.
- Mironov, O.G., Lashchinskaya, L.A. - Survival of some marine planktonic and benthoplanktonic algae in seawater contaminated with petroleum products. p.681.
- Sirogonova, M.A., Polovov, V.V. - Effect of gibberellin on seed content in some mesocotyl seedlings. p.670.
- Chopik, V.I. - Occurrence of *Baplerium longifolium* L. in the U.S.S.R. p.678.
- Mikhov, A.D. - Supplement to the flora of Ulyanovsk Province. p.679.
- Vladimirov, A.V. - Development of neotenic forms of wood plants in the steppe of the Ukraine. p.683.
- Syrtik, G.V. - Litter and plant residue resources in forests of the Kolyan basin. p.689.
- Sedova, T.V. - Karyology of algae today. p.693.
- Mitsenko, A.A., Bozh, M.B. - Kikarika Aleksandrovna Galkina on her 70th birthday. p.700.
- DARVINSKIY GOSUDARSTVENNIY ZAPOVEDNIK. Trudy [DARWIN STATE PRESERVE. Transactions]. Volga, no. 8, 1964.
- Table of contents translated: Krut'kiy, V.V., Molodtsov, K.A. - Twenty years of scientific research work at the Darwin Preserve. p.3.
- Krut'kiy, V.V., and others. - Census of animals in the Darwin Preserve and statistical evaluation of its reliability. p.4.
- Kalashnik, M.L. - Spindle and marine population changes in the Darwin Preserve. p.10.

- Kalesteva, M. L., Podico, K. A., Lyenko, V. N. - State and development of young pine forests damaged by moose. p. 57.
- Podico, K. A. - Methods of determining annual tree increment by trunk volume and theoretical analysis of possible errors. p. 61.
- Kudakov, R. A. - Effect of inundation and underflooding of pine growth in a lichen forest. p. 145.
- Kudakov, R. A. - First results of testing different poplar varieties in the Dvina Preserve. p. 155.
- Polikov, I. U. A., Orlovskiy, V. G. - Diffusion of strontium-90 in soils. p. 164.
- Izinskaya, T. F., and others. - Potassium metabolism in fishes of Irbitak Reservoir. p. 178.

GENETIKA [GENETICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 7, 1968.

- Table of contents translated
- Mitrofanov, I. U. A. - Mechanism of the formation of chromosome aberrations. p. 3.
- Gerasimova, M. V. - Effect of fractionated γ -ray dose on chromosome aberration output in *Crepis capillaris*. Report No. 1. Irradiation at the G_2 stage. p. 17.
- Glorov, V. V. - Effect of genotype on the frequency of radiation induced aneuploidy in oocytes of *Oryzophila melanogaster*. Report No. 3. Hypothesis explaining the difference in dose-response curves. p. 24.
- Fleishenko, O. P., Dzhakirov, I. N., Riah, M. A. - Study of the pigments of Karakul lamb fleece in relation to the inheritance of color. p. 30.
- Zil'yan, V. N., Fikhtelman, B. S. - Biology and normal karyotype of the Transcaucasian hamster. p. 47.

YUNYI NATURALIST [YOUNG NATURALIST]. Issued by Tsentral'nyi Nauchno-Issledovatel'skiy Institut Zoologii i Zhivotnogo Miroslucheniya Akademii Nauk SSSR [Central Institute of Zoology and Animal Husbandry of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 3, Mar.-Apr. 1967.

- Table of contents translated
- Kuznetsov, V. A. - Inhibitory effect of ATP in an anisotropy RNA-synthesis reaction. p. 170.
- Balechki, B. G., and others. - Thin-layer microchromatography of electrophoretic and phenylhydrazine derivatives of amino acids. p. 184.
- Rektor, I. U. V., Georgiev, G. P. - Mechanism of RNA-polymerase reaction: formation of complexes between the enzyme and nucleic acid template. p. 196.
- Vasilevski, S. K., Teplov, M. M. - Effect of some enzymes on the nucleotide substrates adsorbed on triethylamine-treated cellulose. p. 197.
- Kobzarev, G. V., Troitskiy, G. V. - Conformation of β -lipoproteins of human blood. p. 208.
- Brode, M. K., Bolovinski, E. I., Koshelov, M. K. - Modification of RNA by glyoxal. p. 214.
- Khlyupov, L. M., Kuznetsov, E. D. - Chemical characteristics of cytoplasmic reticulum. p. 224.
- Bozhina, I. A., and others. - Conformation of lactate dehydrogenase and its catalytic activity. p. 231.
- Devich, V. F., and others. - Isolation of anion-exchange chromatography of nucleoproteins, their purification and properties. p. 240.
- Devich, V. F., and others. - Isolation of denatured DNA regions by means of modification with water soluble carbodiimide and subsequent analysis hydrolysis. p. 248.
- Drachuk, L. E., Kiselevskiy, M. I., Repov, I. M. - Physicochemical study of the formation and induction of propylene. p. 257.
- Moskalev, M. K., Lev, A. A., Buzhinskii, E. R. - Use of glass electrodes for the investigation of distribution of H^+ and Na^+ ions between the membrane of different types and media. p. 264.
- Bravler, S. E., and others. - Isolation and physicochemical properties of DNA T1 bacteriophage. p. 271.
- Gorysh, A. E., Drichitskiy, G. I. - Change of the rate of synthesis of antibodies and nonspecific γ -globulin in the rabbit spleen after primary and secondary immunization. p. 279.
- Brav, V. I., and others. - Reversible photochemical reaction of o-hydroxyaldehydes and some of their analogs. p. 286.
- Krasov, V. V., Riebeland, M. I., Poveroy, A. M. - Study of DNA thermal denaturation in the presence of formaldehyde by means of differential spectrophotometry. p. 297.
- Orlimer, A. I., Andreeva, R. E. - Quaternary structure of glyceraldehyde phosphate dehydrogenase from the data of X-ray structural analysis. p. 343.
- Abrahamova-Amel'chuk, M. M., Zakharova, R. I., Buz, A. A. - Synthesis of oligonucleotides catalyzed by guanylyltransferase from actinomyces. p. 377.
- Vedensky, A. A., and others. - Contribution to the theory of helix-coil transition to DNA. p. 373.

MOSCOW UNIVERSITY. Vestnik Seriya 6: Biologiya, podredaktsiya [UNIVERSITY REVIEW. Series 6: Biology, Soil Science]. Vol. 23, no. 3, May-June 1967.

- Table of contents translated:
- Skarmovskiy, M. I., Sorochey, K. F., Isayev, F. A. - Some results of the electrophoretic study of proteins and lipoproteins in the blood serum of *Elaginus naevus* and codfish of the White Sea. p. 3.
- Alakandrov, E. M., Kuznetsov, V. V. - Study of the biology of migratory fishes of the Lena River during fall and winter season. p. 13.
- Kozlovskiy, A. A., Stepanov, L. S. - Sexual dimorphism and possible trophic adaptations in birds of the genus *Certhia* L. p. 22.
- Samorodov, I. U. A. - Winter feeding habits of larvae in the Kalmyk A.S.S.R. A brief report. p. 28.
- Arutunova, O. S., Koshlars, T. A. - Effect of choline on erythrocytes and the number of formed elements in the peripheral red blood. p. 36.
- Lecoe, L. I., Fedorov, V. S. - Study of the inheritance of anabolic pericarp structure characteristics preventing dehiscence of fruit by hybrid fodder bean forms. p. 33.
- Barykina, R. P. - Anatomical analysis of vegetative organs in *Aspergillus niger* L. p. 42.
- Petrov, V. V. - Effect of the slope exposure on the vegetation formation of sandy dunes. p. 57.
- Beladina, N. B. - Second flowering in the Crimea. p. 53.
- Lilim-Rolik, K. S. - Mycoflora of some soils in Perm Province. p. 71.
- Lukha, A. A., Skvortsova, E. B. - Autotrophic and colored mutants of *Bacillus brevis* var. GB. p. 80.
- Shobova, K. I., Tikhonov, S. M. - Morphology of plant residues decomposition in peat deposits. p. 84.
- Kuznetsov, M. S. - Effect of preliminary moistening on the erosion resistance of light colored soils of the Volga delta (study of disturbed composition samples). p. 91.
- Zvagin, D. G., Bely, A. V. - Description of microorganisms from hard surfaces. p. 104.
- Pokotilo, A. S. - Chemical composition of the fractions of mechanical elements in general and southern Chernozems. p. 105.
- Lis, O. L., Sirogova, M. M. - Fish Intercollegiate Conference on Natural and Geoeconomic Zoning of the U.S.S.R. for agriculture. p. 114.
- Lavkina, L. M., Sirova, T. P., Gerasimova, O. D. - Conference dedicated to the memory of Professor L. I. Kuznetsov. p. 117.
- Grossman, A. I., Kravtsov, M. B. - Seasonal changes in the direction of *Drosophila melanogaster* crossing in experiments with natural invasion. p. 14.
- Pogodina, E. R., and others. - Urethan effect on chromosomes of mammalian cells in vitro. p. 59.
- Stavrovskaya, A. A., Prigodina, E. L. - Replication of marker chromosomes T8 in normal and leukemic cells of mice. p. 73.
- Sapina, V. A. - Role of the nucleus and cytoplasm in the inheritance of heat resistance in amoebas. p. 82.
- Vorobina, E. N., Poshovina, A. S., Balgansk, R. I. - Regulation of mutation spectrum in *Escherichia coli* B by using chemical mutagens at different periods of DNA replication. p. 89.
- Asapov, A. A. - Properties of recombinants of *Escherichia coli* M carrying different plasmids resistance types of antibiotics. p. 93.
- Klimov, A. M., Kravtsov, M. M., Tyazkaya, L. M. - Some biochemical changes in the process of transformation of resistance to streptomycin by *Streptococcus*. p. 101.
- Pechova, Z. L., Balgansk, R. I. - Changes in the spectrum of antibiotic resistance of *Escherichia coli* B as affected by combined action of hydroxyamine and various ultraviolet ray doses. p. 105.
- Shapov, A. I., Alkhanova, R. I. - Electron microscopic study of is-motants of the phage T4B. p. 114.
- Valishev, L. I. - Effect of phenanthrene on the duration of mitotic cycle phases in human and murine cell culture. p. 120.
- Shonova, M. S., Selezneva, T. G. - Chromosome alterations in spontaneous human abortions. p. 125.
- Beladina, A. G., and others. - Population and geography aspects in studying chromosomal diseases in man. Report No. 3. Time-related fluctuations in the frequency of sex chromosome anomalies and Down's syndrome. p. 143.
- Ponoleva, I. I. - Quantities of protein fractions of the blood serum in cattle. p. 153.
- Melrov, M. M., Pospelov, S. D. - Comparative study of the radiochemical action and their initial forms. p. 160.
- Bogdanov, E. A., Doroshenko, N. K. - Association of human satellite chromosomes in relation to the age. p. 167.
- Bibliography of foreign literature on genetics (February 1968). p. 170.

NOVOE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Biologiya" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Biology" Series]. Moscow, nos. 7/8-9, 1968.

PRILADNAIA BIOKHIMIYA I MIKROBIOLOGIYA [APPLIED BIOCHEMISTRY AND MICROBIOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 4, July-Aug. 1968.

- Table of contents translated:
- Mikhaylov, P. I., Sokolov, D. P. - Kinetic relationships in cultivation process of microorganisms. p. 343.
- Makotina, R. A., and others. - Development of optimal conditions for *Bacillus thuringiensis* cultivation with the help of steep ascent method. p. 373.
- Lavrov, M. M., and others. - Study of amyolytic

- and proteolytic activity of actinomycetes, producers of antibiotics. p. 378.
- Grigorov, V. S. - Effect of some factors on the biosynthesis of amyolytic enzymes by *Aspergillus awamori*. p. 384.
- Malikov, V. V., Parina, O. V. - Effect of specifically treated gels on the yeast growth. p. 388.
- Kosheleva, M. A., Nogdanova, V. M., Balhova, L. A. - Kato acid formation by mycobacteria on media containing gaseous hydrocarbons. p. 394.
- Mironov, G. S., and others. - Study of sucrose and fat, as carbon sources for the biosynthesis of gibberellins. p. 398.
- Dobov, L., Zareva-Tomaleva, Z. - Effect of some particulates on soil microflora. p. 408.
- Zalrov, S. Z. - Characteristics of pea protein concentrates and the possibility of enriching wheat flour with them. p. 413.
- Beridze, G. I., Derbeneva, T. G. - Utilization of sorbitol in winemaking. p. 420.
- Feldman, A. I., Malich, A. T. - Oxidative enzymes of potatoes and vegetables. p. 426.
- Nogdanova, M. M., and others. - Isolation of benzoic acid in yeast with the help of *Pseudomonas*. p. 431.
- Mironov, V. N. - Fractionation of 7-dehydrocholesterol photoisomerases by thin-layer chromatography method for their quantitative determination and preparative production. p. 437.
- Koshnikov, D. A., Shadrina, V. I., Poludina, A. G. - Isolation of glucosyl acid from calcium glucosate by ion-exchange method. p. 440.
- Shelov, M. B., Mikhlin, S. I. - Quantitative determination of main optimum alkaloids. p. 444.
- Golstein, L. V., Tarasov, P. P., Vasil'eva, M. A. - Method of isolating wheat embryo by using turbulent motion. p. 451.
- Mironov, M. S. - Effect of carbohydrate components of the nutritive medium on the formation of coxidia by *Aspergillus awamori*. p. 455.
- Bochova, R. R. - Urease activity of *Aspergillus oryzae*. p. 460.
- Larovenko, V. L., Volynskiy, L. M., Molodtseva, G. F. - Some data on proteolysis of *Aspergillus oryzae* 3-8-15. p. 461.
- Valishev, G. G., Germanova, L. M. - Study of discoloration of red wines. p. 464.
- Kirgizova, I. V. - Gas exchange during nitra-free preparation of cherry wine. p. 468.
- Dalmanovich, K. M., Pavlov, N. M. - Protein composition of the must of different grape varieties. p. 471.
- Muravov, A. A., Kaber, P. H. - Transformation of glutaric acid in yeast fermentation. p. 478.
- Preche, G. N., Bogdanova, I. V., Zhukovskaya, M. A. - Comparative study of the chemical composition of dry concentrates of black tea. p. 478.
- Kalchuk, L. - Effect of cheese aging and storage on changes in its fatty acid. p. 481.

RASTENIYNOE KRADNOGO SVETLA SSSR I KHIMIOVNIYE [VEGETATION OF THE FAR NORTH OF THE U.S.S.R. AND ITS UTILIZATION]. Issued by Botanicheskii Institut Akademii nauk SSSR [Botanical Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1968.

Contents: Iurlov, B. A. [Flora of Baidar-Khaya; problems of the history of alpine landscape in north-eastern Siberia]. Flora Baidar-Khaya. Problemy istorii yuzhokopnykh kadebaflov Baidar-Khaya. 224 p.

RUPHATIVNYI JURNAL: BIOLOGICHESKAYA KHIMIYA (Odel'nyi vypusk 30) [JOURNAL OF BIOCHEMISTRY (Separate Issue 30)]. Issued by Institut Nauchnoy Informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 80-84, Oct.-Dec. 1968.

SHIMNAR "BIOLOGIYA I MATEMATICHESKOE MODELIROVANIYE V BIOLOGII" [Study. SHIMNAR "BIOLOGY AND MATHEMATICAL MODELING IN BIOLOGY." Transactions]. Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy SSSR [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 8, 1967.

- Table of contents translated:
- Anisimov, I. U. G., Motova, A. B., Kishkin, V. K. - Automatic system for determining teaching parameters. p. 3.
- Prokha, V. V., and others. - Modeling age-related characteristics of the control system of the frequency of heart contractions. p. 10.
- Chukhovich, M. A. - Some characteristics of modeling paired work of the vestibular apparatus. p. 15.
- Shabanov-Kasharenko, I. U. P. - Model of vision station and Graessmann's laws. p. 49.
- Podkovyrov, A. I. - Mathematical model of Resonance cell excitability. p. 90.

STRUKTURA I ROL' VODY V ZHIVOM ORGANIZME [STRUCTURE AND THE ROLE OF WATER IN A LIVING ORGANISM]. Issued by Leningradskiy gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 1, 1968.

- Table of contents translated:
- Vodavko, V. M., Gurikov, I. V., Legin, E. K. - Use of two-structure model for studying the state of water in water solutions. p. 3.
- Romanov, V. P., Bolov, V. A. - Concentration fluctuations and their effect on the absorption of sound. p. 36.

- Lisianskii, L. I. - Thermodynamics and its relation to light scattering, metal diffusion and absorption of sound in water solutions. p. 49.
- Syrovatkin, I. U. P. - Thermodynamic processes in a live system and the role of water in these processes. p. 55.
- Kozlov, I. M., Molodtsova, L. V., Sidorova, A. I. - Spectrum of water solutions of the area in near infrared region. p. 64.
- Zolotarev, V. M., Bakhtiev, M. G. - Effect of efficient (local) field of light wave on infrared absorption spectrum of liquid water in the region of stretching bands. p. 70.
- Richter, L. D. - Libration vibration of water in solutions. p. 78.
- Gabrichidze, Z. A. - Spectra of combined water scattering, saturated water solutions of electrolytes and ice crystal. p. 94.
- Gurlov, I. U. V. - Water structure phenomena in the spectrum of stretching bands of H₂O molecules. p. 103.
- Zolotarev, V. M. - Study of germanium-water interface. p. 104.
- Malichova, T. G., Grishchova, T. I. - State of water in some crystal hydrates of perchlorates formed by elements of the group II of D. I. Mendeleev's periodic system. p. 104.
- Chislik, V. L. - Nuclear magnetic relaxation in some water solutions of electrolytes. p. 133.
- Nerovov, I. U. I., Urabkin, G. M. - Study of water solutions of nonelectrolytes by spin echo method. p. 133.
- Varshinskaya, M. A., Sidorova, A. I. - Infrared spectra of the absorption of heavy-hydrogen and regular water in animal tissues. p. 138.
- Sidorova, A. I., Khalitov, A. I. - Temperature changes in infrared spectrum of the absorption of water in frog brain and muscle tissues. p. 144.
- Kochur, L. A., Shvok, A. M. - Study of the disturbance of water metabolism through the pulmonary barrier of animals with the help of mass spectrometry analysis. p. 144.
- Shvok, A. M. - Mechanism of water transfer through intestinal walls in animals. p. 144.
- Imshinits, J., Dubinskii, V. - Possible role of water in the process of neurohumoral stimulation. p. 144.
- Pavlovskii, P. P. - Study of processes in stored analyzer with the help of radio waves. p. 144.
- Kislovskii, L. I. - Stabilizing active complexes in dodecylalcohol solutions of water. Physicochemical and biological aspects of the problem. p. 171.
- Gomann, A. K. - Characteristics of thawed water. p. 179.
- Berukov, O. P. - Nuclear magnetic resonance and the problem of water in plant and animal tissues. p. 180.

TOPOLOGIA [CYTOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 10, Oct. 1968.

- Table of contents translated:
- Vasiliev, A. M. - So-called "coated" vesicles, the new structural components of animal and plant cells. p. 1233.
- Rumyantsev, P. P., Hirshman, I. A. - Ultrastructural patterns of reactive changes in the frog liver muscle during regeneration. p. 1234.
- Chudakov, L. A., Melroy, M. A. - Homologous lines of chromosome polymorphism in the natural populations of blackflies. p. 1348.
- Kalmanova, A. N., and others. - Synthesis of DNA, RNA and protein in the course of differentiation of the intestinal epithelium of some vertebrates. p. 1357.
- Martelova, I. V. - Study of the mitotic cycle and diurnal fluctuations of the proliferative activity in the esophageal epithelium of mouse pascars. p. 1358.
- Rumyantsev, P. P., Mirakina, V. G. - Intensification of DNA synthesis and mitosis in atrial muscle cells of rats following ventricular myocardial infarction and local atrial infarction. p. 1378.
- Todorovich, V. I., Kozlov, G. A. - Mechanism of blood cell damage in the process of slow and fast freezing. p. 1383.
- Borokina, Z. A., Khotodova, I. U. D. - Interpretation of data on the ion activity and ion activity coefficients in the cell protoplasm obtained with the help of selective microelectrodes. p. 1394.
- Chudakov, L. A. - Distribution of sugars between autorhythmic vesicles of a frog and the spectrum of different ionic composition on under normal conditions and following insulin action. p. 1398.
- Kestner, V. P., Khodosova, I. A. - Effect of carotidotomy and vagotomy on nucleic acids. Report No. 81 Relationship between RNA and acetylcholine. p. 1398.
- Kozlov, G. A. - Effect of vitamins B₁₂, B₆ and folic acid on the iron utilization intensity by nucleolar erythroid cells in man with iron deficiency anemia. p. 1419.
- Gavrilin, L. I. - Effect of 7,12-dimethylbenzo-a-anthracene on RNA and protein synthesis in cells of the primary embryonic culture of mouse tissue. p. 1423.
- Shchegolev, I. G., Mantov, V. M., Petrov, B. V. - Significance of the structural integrity of the lymphoid tissue for antibody formation in *in vivo* culture. p. 1434.
- Kozlov, A. B., Doroshina, L. I., Volynskaya, E. M. - Effect of static magnetic field on the phagocytic activity in *Paramecium*. p. 1443.
- Medvedev, G. B. - Autoradiographic study of the radicle meristems of onion seeds. p. 1448.
- Vorobiev, V. I. - Effect of histone on ribonucleic acid and protein synthesis in sea urchin embryo at different stages of its development. p. 1453.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 12, no. 4, 1968.

- Table of contents translated:
- Solov'ev, V. I., Akhmedov, I. U. A. - Activity of the proteolytic enzymes of flax in fly stalk. p. 3.
- Volynskii, A. D., Borokina, Z. A. - Electrophoretic study of protein fractions of poultry egg white and yolk in the process of incubation. p. 8.
- Babalova, G. P., Andrusenko, M. I. A. - Amino acid composition of the biomass of local fodder yeast on plant hydrolyzates. p. 9.
- Gorodkov, V. A., Romanov, V. I. - Comparative study of RNA, DNA of free amino acids and proteins in hydrocarbon-oxidizing microorganisms. p. 12.
- Rukhtimova, I. V., and others. - Antimicrobial action of substances isolated from burdock. p. 14.
- Imamaliyev, A. I., Oshkurov, L. - Effect of leaf age and defoliation on nucleic acid metabolism in abscission layer tissue cells of a cotton leaf. p. 18.
- Khalitov, E. - Algoflora community in reservoirs of Central Asia. p. 24.
- Belikov, A. I. A., Menzel'skaya, A. D. - Neoteries of Anopheles Helios Reck. p. 27.
- Konyshova, V. I., Botchkov, A. A. - Formation of wormwood seed cover. p. 31.
- Norikov, L. K. - Biology and population dynamics of pheasants. p. 35.
- Parvashov, M. - Values values kuragan and Putorina overestimated population dynamics on the Ustyurt as related to the recent population density. p. 38.
- Ashurov, D. A. - Freshwater mollusk *Radix arviculata* (L., 1758) as helminthodist host of *Ovithelmintharia turkestanica* (Mirzakhani, 1913) in Uzbekistan. p. 42.
- Makhsamedov, A. A. - New data on plant life of Central Asia. p. 44.
- Arslanova, E. V., Arslanov, M. A. - Some physiological and biochemical processes in irradiated cotton seedlings. p. 45.
- Ankarova, S. A., Oshkurov, A. I., Polianichko, O. P. - Effect of antibiotics on soluble cotton carbohydrates. p. 49.
- Manyrova, Z. A. - Denitrifying bacteria found in the rhizosphere zone of some plants. p. 49.
- Akhmedov, I. U. A., Khalitov, Kh. Kh., Chavrinidze, A. Kh. - Study of carboxylate complex in different *Zizyphus spinoza* Mill. varieties. p. 50.
- Pirskhov, T. - Ussupodochneva, M. - Characterization of nitrogen nutrition of cotton during the first year after plowing alfalfa field. p. 51.
- Sultanov, M. - Heat exchange dynamics in colored water forms during different seasons of the year. p. 53.
- Kalashnikov, V. P. - Development of gas exchange level and some vegetative functions in kids in ontogeny. p. 53.
- Zakirov, P. K., Sbermatov, T. M. - Weeds of some microcosms of Kyzyl Kum. p. 54.
- Turkmenov, K. - Productivity of aerial mass of main plant communities in the Kara-Kalpak part of the Ustyurt. p. 54.
- Saidov, D. K., Miesov, B. M. - Morphoanatomical structure and localization of lamellae in *Geranium* species during the first year of vegetation. p. 55.
- Orshinskaya, M. I., Medvedeva, S. - Leaf anatomy in *Geranium* of Central Asia. p. 55.
- Martynov, A. A. - Behavior of some European and Caucasian plants in the Botanical Garden of the Academy of Sciences of the Uzbek S.S.R. p. 56.
- Shvok, L. P., Abdullayev, A. A. - Morphological characteristics of the hybrid "corky". p. 56.
- Khodzhimuratova, R. Kh., Pichkova, S. - Study of heterosis phenomenon with the help of redshift 218, and Mexican lines. p. 57.
- Krasnoshchekov, T. - Ways of overcoming the sterility of heterochromosomal cotton hybrids. p. 58.
- Turkmenov, T. Kh. - Morphological structure of the seedling integument as an index of adaptability. p. 59.
- Orshinskaya, M. I., Abdullayev, A. A. - Fodor Mikhailovich Mavri on his 78th birthday. p. 59.

VOPROSY ICHTHIOLOGII [PROBLEMS IN ICHTHYOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 3 (53), 1968.

- Table of contents translated:
- Rekser, V. M., Borodulina, O. D. - Laminous anisotropy of the genus *Carassius auratus* Gmel.; taxonomy and distribution. p. 77.
- Lisovskii, V. V., Gubanov, E. P. - Morphological analysis of various groups of *Asotus* (Black Sea and Atlantic archipelagos) (*Stenotritia* *auratus* L.) with different antigenic blood composition. p. 78.
- Shchegolev, M. I. - Morphology of *Pseudocapitellus* (*Capitellus*) (*Capitellus*) of the Aral Darya River. p. 80.
- Le Minj Vao. - Commercial ichthyofauna of Gulf of Tonkin. p. 83.
- Chernikov, E. V. - Karyotypes of residual and migratory *Oncorhynchus nerka* (Walbaum) from Lake Dal'may (Kamchatka). p. 84.
- Shchegolev, A. I. A. - Morphological and biological characteristics of *Lepidosteus lepidosteus* (L.) from the lower Southern Bay River. p. 84.
- Khasanov, M. T. - Population state of *Abramis bairdii* (L.) in the Mologu spur of Rybinsk Reservoir. p. 86.
- Dobsonov, G. A. - Generation yield factors in some carps. p. 89.
- Mansueti, V. V., Zaslav, L. A., Umov, A. A. - Study of mortality causes of young perch by modeling method. p. 91.
- Reily, M. D. - Behavior and dispersion of pike perch (*Lepidosteus lepidosteus* L.) embryos hatched in deep water. p. 92.
- Savitskiy, M. I. A. - Location of fattening grounds of rainbow trout in the coastal zone of the northeastern part of the Black Sea. p. 98.
- Altukhov, K. A., Bessonov, K. I., Dmitriyev, M. A. - Acclimatization of rainbow trout and *Coregonus* raised in carp ponds of western provinces of the USSR. p. 99.
- Bedonkov, I. U. M. - Studies of *Coregonus autumnalis* Pall. as an indicator of some aspects of its biology. p. 100.
- Shchegolev, A. A. - Effect of cobalt chloride on physiological indices of rainbow trout (*Salmo iridesco* Gmel.). p. 101.
- Bedonkov, I. U. M. - Physiology of granular leucocytes of the fish blood. p. 102.
- Makhsamedov, V. P. - Case of swordfish attacking shark. p. 102.
- Pavlovskii, I. U. A., Turanov, B. M. - Role of lipid antioxidants in the adaptation of fish to different osmotic conditions. p. 103.
- Turanov, I. A. - Preliminary data on the composition and distribution of some fishes in the southeastern Atlantic. p. 103.
- Novikov, M. P. - Tagging *Anoploporus* (*Stenotritia*) Pall. in the Bering Sea and the Pacific coastal area of Kamchatka. p. 105.
- Ushakov, P. V. - Institute of Fisheries and Oceanography in Varna and the Natural History Museum in Bucharest. p. 106.

VOPROSY VIROLOGII [PROBLEMS OF VIROLOGY].

Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 13, no. 4, July-Aug. 1968.

- Table of contents translated:
- 50 years of Soviet public health service. p. 287.
- Reznicev, G. D. - Spectroscopic study of the secondary structure of nucleic acids in nucleoproteins. p. 290.
- Solov'ev, V. D., Medvedeva, L. I., Orlova, M. G. - Pathogenesis and fermentative properties of inhibitor-resistant and inhibitor-sensitive strains of *Escherichia coli*. p. 294.
- Zakharov, M. A., and others. - Study of antiviral and interferogenic activity of some copolymers of vinyl pyrrolidone. p. 294.
- Chernov, V. I., Ostrova, A. V., Gendov, I. U. E. - Comparative study of reproduction of various smallpox vaccine substrains of viruses in L cells. p. 300.
- Maksimovich, M. D., Parfenova, M. R. - Quantitative calculation of cytotoxicologic change for characterization of the infectious process created by adenoviruses in tissue culture. Study of the dynamics of adenoviruses type-4 infection in monkey cell culture. p. 318.
- Neustroev, V. D., Reshetova, A. I., Tikhova, L. M. - Properties of strains of tick-borne encephalitis virus isolated in different geographical zones. p. 321.
- Danilova, S. A., Gavrilov, V. I., Martynova, V. M. - Hemagglutinating properties of rabies virus. p. 324.
- Tokoshina, E. A., Chernikov, M. P. - Study of hemagglutinating activity of tick-borne encephalitis viruses under the conditions of cultivation in primary and transplanted (BHK-21) cultures of *Mytilus* bivalve kidney cells. p. 325.
- Marchenko, V. I., Dababakia, A. A., Poidchikova, L. M. - Inactivation of herpesvirus. p. 328.
- Berdinskaya, M. B., Kozlov, P. M. - New antigens in cells infected with influenza virus. p. 341.
- Ignatyeva, G. V., and others. - Cytomorphological effects of prophyllotoxins of 3,1,5 and 1 M glucose globulin in food of mixed measles and influenza infection. p. 344.
- Nedrevalskii, A. K., Turin, M. M., Kuznetsov, M. G. - Some data received in studies of (trans)placental strain of Shope rabbit carcinoma. p. 346.
- Adzhigirov, F. I., and others. - Study of the possibility of *in vitro* cultivation of the virus agent causing a leishmaniasis disease in monkeys. p. 354.
- Tikhonov, P. A. - Effect of prolonged passage of cells from human tumors induced by monkey virus 40 on isolation of oncogenic virus and superinfection. p. 357.
- Berest, V. V., Chernikov, M. P., Reshetov, B. V. - Serologic data on the role of birds in the circulation of influenza virus in the Volga Delta. p. 361.
- Klimova, A. A., Smirnov, A. A. - Study of the interaction between cells of monocytes and the pathogen of leishmaniasis. p. 365.
- Kolomoieva, G. A., and others. - Compound diagnosis of rabies. p. 370.
- Gorodkov, V. A., Kozlov, M. I., Parfenova, M. R. - Possibility of penetration of fixed rabies virus into the central nervous system of animals in intracerebral inoculation. p. 374.
- Bobkova, A. F., Vaidovskaya, G. A., Tikhonov, T. I. - Influence of EDTA of *Escherichia coli* B infection with T2 phage. p. 378.
- Akopova, I. I., Aiksteyn, A. K. - Cultivation of human and simian parainfluenza viruses in chick embryos. p. 383.
- Akhmedov, V. A., Belikova, D. A., Orlova, M. M. - Evaluation of the prophylactic effectiveness of placental gamma globulin among children in pre-school institutions during the 1967 influenza epidemic. p. 384.
- Klimuk, V. I. A. - Inactivation of eastern equine encephalomyelitis virus under the influence of hydroxyacetic acid. p. 388.

- Drekhov, R. A., Ponomareva, T. I. - Conglutin-fixing antigens of respiratory syncytial virus, p. 490.
- Moskov, V. A., Ermakov, N. V., Ardesenko, M. M. - Concentration and rapid detection of vaccinia virus on sorbents by the fluorescent antibody method. Methodology of virus detection in liquid culture medium, p. 404.
- Gukhtovskiy, S. I. A., Khalilova, G. G., Naiden, L. B. - Some properties of arbovirus haemagglutination inhibitors contained in human blood serum, p. 498.
- Stalitskiy, P. N., Malakhova, T. B. - Microculture method with the use of fluorescent microscopy for speeded-up diagnosis of adenoviruses, p. 504.
- Gileva, Z. P., Kozakova, V. K., Mazumskaya, I. A. - Concentration of parainfluenza virus types 1, 2, 3 on erythrocytes of different species of animals and man, p. 484.
- M. I. Sokolov, on his 60th birthday, p. 494.
- Problems of general virology at a scientific conference of the Institute of Virology named after D. I. Ivanovskii of the Academy of Medical Sciences of the U. S. S. R.; Moscow, October 20-24, 1967, p. 519.

ZHURNAL EVOLUTSIONNOI BIOKHIMII I FIZIOLOGII (JOURNAL OF EVOLUTIONARY BIOCHEMISTRY AND PHYSIOLOGY). Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 3, no. 5, Sup.-Oct. 1967.

- Table of contents translated:
Fifty Years of the Great October Socialist Revolution, p. 1.
- Krepis, R. M. - Development of evolutionary physiology and evolutionary biochemistry in the USSR, p. 373.
- Bolikh, I. A., V. P., Pukhacheva, A. V., Kharukhina, L. B. - Age changes of regeneration intensity of subcellular fractions in rabbit brain tissues, p. 304.
- Vorobin, L. G. - Contribution of Soviet physiologists to the study of phylogenetic evolution of higher nervous activity, p. 402.
- Karavayeva, A. I. - Some regularities of the functional evolution of higher centers of the central nervous system, p. 431.
- Vodzakova, A. K. - Progress in Soviet studies on neurophysiology of invertebrates, p. 423.
- Bykov, A. L. - Comparative physiology studies of reticular electric activity in vertebrates and invertebrates, p. 434.
- Brilovskiy, D. A. - Some urgent problems of ecologic physiology of nervous activity, p. 444.
- Eleonin, A. D. - Trends in the study of adaptive evolution of the organism, p. 443.
- Lobanova, L. G. - Chemical properties and effects of hormones in phyto- and zoogenesis of vertebrates, p. 441.
- Zhukov, M. K. - Data obtained in study of the tonic function of skeletal muscles, p. 472.
- Turpuev, F. M., Sukhorov, D. A. - Evolution of cholinergic transmission, p. 453.
- Kozlov, P. G. - Comparative physiologic studies on cellular mechanisms of the basic nervous processes, p. 486.

Vol. 4, no. 5, Sup.-Oct. 1968.

- Table of contents translated:
Kiselev, M. A., Bagdasaryan, E. P. - Effect of metal ions on amino acid photolysis, p. 389.
- Pigareva, E. D., Savik, Z. F. - Localization of dehydrogenase in rabbit cerebellum during post-natal development, p. 398.
- Reidner, B. N. - Distribution of catecholamines in rabbit tissues in ontogenesis, p. 404.
- Chulish, V. A. - Hypothalamic regulation of the function of adrenocortical thalamus in marine teleost *Scorpaenopsis*, p. 411.
- Goroshenko, L. S. - Ontogenetic particularities of tyrosine metabolism of the blood system in dogs, p. 434.
- Kisilich, V. A. - Electrical activity in the nervous cells of basal ganglia of the mollusk *Planorbis cornutus*, p. 417.
- Staroborovskiy, M. F., Iltis, M. A. - Distribution of acetylcholine receptors in fast muscle fibers of the lamprey *Lamprocyba fluviatilis*, p. 438.
- Ushakov, N. I. - Effect of ultrahigh frequency electromagnetic fields on the regulation of the heart rate and respiration in birds, p. 457.
- Milavskiy, G. I. - Comparative effects of psychostimulants on some forms of behavior of mice, rats, and dogs, p. 443.
- Broshchikov, A. A., Plutkin, G. A. - Ultrastructural organization of the olfactory organ in the field tortoise *Testudo hermanni*, p. 449.
- Ush, V. S., Sokolovskiy, I. B. - Glucose intake in deacetylated adipose tissue of rat. Effect of insulin and catecholamines, p. 457.
- Polikarpova, L. L. - Role of nucleic acids in realization of the effect of hydrocortisone and insulin on transmembrane synthesis in rat's liver, p. 479.
- Korshak, P. A., Glasova, Y. N., Anikrishkikh, I. O. - Physiological and biochemical characteristics of the blood of the penguin *Eudyptes cristatus*, p. 481.

KOOLGOORIKHII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 47, no. 5, Aug. 1968.

- Table of contents translated:
Chernov, I. U. - Geographical variability and animal kingdom of a continent. Report No. 2, p. 225.
- Kharukhina, M. A. - Biology of Meristididae (Meristidae), abdominal parasites of invertebrates, p. 1143.

- Salarkin, A. A., Volkovskaya, M. I., Ustetenskiy, E. P. - Effect of acid swamp waters on basic biological characteristics of some Cladocera, p. 1151.
- Arnold, K. V. - Zonal zoogeographic and ecologic characteristics of synanthropic and ant populations of the *Resilia* Plink. p. 1154.
- Petrova, A. D., Tashkova, E. Z. - Gametoid mites (Parasitiformes, Gamasoidea) from southern China. Report No. 2, p. 1179.
- Osipov, V. G. - Vertical distribution of Neofumose affinis and Parafumose obscurus, p. 1183.
- Chernov, I. U. D., Orlov, D. B. - Absence of functional relationship between the placental organ and the change of skin reflection spectrum in *Rana temporaria*, p. 1186.
- Delek, V. R. - Role of fat deposition in the regulation of metabolism and bird behavior during migration, p. 1200.
- Plutkin, G. A., Roita, V. F. - Physiological stress in insects during reproduction based on *Misotus oeconus* and *Ondatra sibirica*, p. 1207.
- Leont'eva, M. N. - Characteristics of ground moisture in habitats of *Rhombonyx opacus* Licht. p. 1223.
- Semenov, F. M. - Evaluation of the effectiveness of insect control, p. 1237.
- Baranovskiy, I. A., Kiselev, M. M. - Chalcididae *Chalcidus* sp. n. (*Acrobasis* Thoms, 1877), a nematode of grain crops, p. 1247.
- Vatukhina, B. A., Arutunyan, E. R. - New species of predaceous mites of the genus *Typhlodromus* (Parasitiformes, Phytoseiidae), p. 1248.
- Zuercher, A. P. - Diagnosis of the genus *Hyperisidae* Zuercher, 1944 (*Leptisidae*, *Osmosidae*, *Parasitiformes*), p. 1244.
- Medvedev, B. I. - Two new species of *Scaphium* Heid. (Coleoptera, Scarabaeidae), p. 1247.
- Abramov, I. U. V. - Neurophagia of *Copris laevis* L. (Coleoptera, Scarabaeidae), p. 1251.
- Krashev, L. T., and others. - Saturation of *Dendroctonus pini* (Lepidoptera, Lasiocampidae) population resulting from chemical treatment, p. 1253.
- Kishner, V. A. - New genus of robber flies (Diptera, Asilidae) from Yakutia, p. 1254.
- Fomina, M. I. - Feeding habits of *Vipera ursini* ruzicki Chetani, p. 1257.
- Prilonskiy, S. G. - Evaluation of rabbit stock in the U. S. S. R. by trail count method in 1964, p. 1260.
- Sokolov, V. V. - Blood supply to atrioventricular valves of the heart in *Phoca caspica* Gm. p. 1263.
- Labunets, N. F. - Larvinal *Larus* larvae *Eversmanni* in the southwestern foothills of the Khamti Mountains, p. 1264.
- Strukov, A. A., Tur-Minastan, M. K. - Boris Evseevich Bykhovskiy on his 60th birthday, p. 1278.
- Shala, G. A. - Founding All-Union Society of Protozoologists, p. 1278.

J. CHEMISTRY

AKADEMIYA NAUK SSSR, Tbilisi. Institut neorganicheskoi khimii (Institute of Inorganic Chemistry) [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Inorganic Chemistry and Electrochemistry. Collected papers]. Tbilisi, no. 7, 1967. Studies on the treatment of crude manganese and iron of Georgia.

- Table of contents translated:
Dzhankhvelidze, B. A., Partskhaladze, Kh. G. - Electrochemical activity of manganese dioxide obtained from manganese carbonate ores, p. 1.
- Dzhankhvelidze, L. N., and others. - Effect of the temperature of electrodeposition on electrochemical activity of manganese dioxide, p. 18.
- Bashkova, S. M. - pH hydride formation and buffer properties of solutions of the systems $MnCl_2 - NH_4Cl - H_2O$, p. 20.
- Bashkova, S. M. - Behavior of anodes during electrolytic preparation of manganese from chloride solution, p. 29.
- Machitidze, I. A., Agladze, R. I. - Stationary potentials of some manganese alloys in alkaline solutions, p. 37.
- Chapuria, V. V. - Feasibility of using the ultrasonic in the etching process of ferromanganese, p. 43.
- Uglaishvili, P. M., Tvaradze, D. A. - Use of polymeric materials in hydrometallurgy, p. 48.
- Uglaishvili, P. M., Agladze, R. I. - Production of manganese from acid sulfate electrolysis, p. 53.
- Chapuria, V. V., Agladze, R. I. - Treatment of the alkaline manganese solutions in order to obtain the potassium nitrate, p. 61.
- Bogdanovskiy, E. M., Chachanidze, I. P., Partskhaladze, Kh. G. - Precipitation of manganese hydroxide from industrial nitrate solutions, p. 69.
- Dzhankhvelidze, M. D., Agladze, R. I., Bashkova, S. M. - Production of electrolytic manganese by the anodic dissolution of phosphorus ferromanganese, p. 78.
- Agladze, R. I., and others. - Leaching of the different samples of manganese ores of Chikara deposit, p. 84.
- Alexashvili, Kh. M., Berikashvili, L. G. - Spectrographic determination of thallium in manganese ores, p. 89.
- Dzhankhvelidze, P. M., Tvaradze, L. R., Kharukhina, M. V. - Mesobiochemical deoxidation of manganese ore by coal with the transfer of its manganese into manganese sulfate, p. 96.
- Dzhankhvelidze, P. M., Tvaradze, L. R. - Modern views on the theory of coal formation, p. 103.
- Drakina, L. A., Lapina, M. A. - Vibration mixing in the thermal preparation of coal in a continuous coking process, p. 109.
- Dzhankhvelidze, P. M., Drakina, L. A. - Production of metallurgical coke briquets from gas and low caking coals with the use of solid heat carrier (coke), p. 117.

- Dzhankhvelidze, P. M., Gogidze, A. N., Lashin, I. M. - Production of coke briquet from Tbilisi coal ground in the atmosphere of gas coking products, p. 125.
- Tvaradze, L. R. - Process of crushing and its effect on the properties of ground coal, p. 134.
- Tvaradze, L. R. - Use of the method of preliminary thermal treatment of coal for increasing the share in the gas coal changes, p. 139.
- Adas, V. I., Lashin, I. M. - Production of coal briquets for coking from Tbilisi coal without the utilization of special binders, p. 147.
- Drakina, L. A. - Large laboratory experimental equipment for heating coal by a solid heat carrier, p. 164.
- Dzhankhvelidze, P. M., Drakina, L. A., Dzhankhvelidze, M. Sh. - Caking of low-caking coals under the pressure of their own volatile matters, p. 184.
- Gogidze, V. G., Dzhankhvelidze, M. K. - Composition of lower phenols in coal tar of Georgian coals, p. 174.
- Gogidze, V. G., Gogidze, M. G., Dzhankhvelidze, O. G. - Chemical products of coking of Tbilisi coals under the pressure of their own volatile matters, p. 182.

AKADEMIYA NAUK SSSR, Leningrad. Neorganicheskaya khimiya [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Inorganic Materials]. Moscow, vol. 4, no. 5, May 1968.

- Table of contents translated:
Kharukhina, L. P., Grandina, L. I. A., Onola, A. M. - Study of distribution of gold in band-shaped germanium dendrites by neutron-activation autoradiography, p. 643.
- Kharukhina, L. P., Grandina, L. I. A., Onola, A. M. - Study of segregation of gold in band-shaped germanium dendrites, p. 650.
- Kharukhina, L. P., and others. - Crystalline structure and electroconductivity of antimony sulfide films sprayed on oriented supporting structures, p. 658.
- Chapuria, V. V., Lashin, I. M., Dembovskiy, S. A. - Electron paramagnetic resonance of Mn^{2+} and Gd^{3+} ions in As_2S_3 and As_2S_3 glasses, p. 661.
- Kuznetsov, V. G., Palikina, K. K., Tashkova, A. A. - Study of the system $HgSe - Sb_2Se_3$, p. 670.
- Glasov, V. M., Chibrikova, S. M., Evseev, A. L. - Volume changes in melting and heating of gallium and indium telluride salts, p. 678.
- Korotkova, M. D., Lashin, V. B. - Obtaining calcium selenide dendrites, p. 682.
- Dashvaki, M. I. A., Onola, L. S., Palikina, G. E. - Study of highly alloyed n-type indium antimonide, p. 686.
- Dashvaki, M. I. A., Poterakhina, A. M. - Superconducting of indium antimonide matrix, p. 689.
- Mirgalovskiy, M. S., Kharukhina, G. V., Kharukhina, V. A. - Fine effect in gallium antimonide nanocrystals grown by the Chochral'skii method, p. 694.
- Valov, I. U. A., Plesko, R. L. - Transfer of CdH_2P_2 in chemical transport reactions using $SiCl_4$, p. 701.
- Reshetko, L. A. - Form of the dependence of heat of formation on the composition in the homogeneously region of high-melting compounds, p. 704.
- Reshetko, L. P., and others. - Chemical thermodynamics of the formation of complex coatings on metals, p. 711.
- Bashin, I. U. A., Kuznetsov, A. A., Podolskiy, I. U. G. - Reaction of oxocarbonylides of hexavalent tungsten with triisobutylamine and triethylamine, p. 714.
- Kharukhina, L. I. A., Lashin, I. M., Dembovskiy, S. A. - Study of infrared absorption spectra of products of the reaction of titanium tetrachloride with pyridine and water in chloroform, p. 720.
- Leont'eva, G. V., Vol'khin, V. V. - Sorption properties of manganese dioxide, p. 724.
- Dzhankhvelidze, B. F., Tvaradze, I. V., Aliev, O. A. - Study of reaction in the systems $SnO - PbO_2 - Mn_2O_3$, $SnO - PbO_2 - H_2O_2$ at $1100^\circ C$, p. 734.
- Pyryadov, V. M., and others. - Study of the behavior of mixtures of stannous and lead oxides with thallium oxide upon heating up to $1000^\circ C$, p. 738.
- Chachanidze, V. G., Poterakhina, I. U. M., Alkhuravskiy, K. V. - Reaction of K_2CrO_4 with Mn_2CO_3 , p. 745.
- Tykhonchik, I. D., Fedorovskiy, I. A. - Study of initial stages of catalyzed crystallization of some lithium aluminum silicate glasses, p. 751.
- Tvaradze, L. R., and others. - Studies in obtaining chemically dispersed silica, p. 755.
- Isakhanidze, L. G., Kosterevskiy, V. I. - Transport properties of ferroelectric phase transitions in BiB_3TiFeO_9 and BiB_3TiFeO_9 , p. 760.
- Kamornik, A. K., and others. - Coefficients of distribution in some semiconductor materials, p. 768.
- Dembovskiy, S. A., Polakova, I. U. A., Valukhin, A. A. - Production and some properties of As_2S_3 single crystals, p. 767.
- Lashin, I. M., Savitskiy, A. V. - Diamagnetic susceptibility of some lanthanum selenides, p. 769.
- Pechenkin, A. V., and others. - Magnetic properties of gallium and antimony selenides and tellurides, p. 771.
- Machitidze, I. A., Mirtsa, L. I., Ustetenskiy, V. I. - Thermodynamic analysis of the line of maximum solubility of gallium phosphide in liquid gallium, p. 773.

- Bolbertskaya, E. S., Ivleva, V. B. - Effect of plastic deformation on electrophysical properties of lithium antimonide. p. 776.
- Novoselova, A. V., and others. - Study of the system $PbTe - PbCl_2$. p. 777.
- Lisits, R. V., and others. - Effect of annealing on the electric properties of $Cd_{1-x}Hg_xTe$ single crystals. p. 778.
- Rottler, L. A., Sokolov, E. B. - System $MgSi - MgPb$. p. 780.
- Krasnoshchikova, S. D., Sobel'man, E. I., Fomator, I. V. - On the distribution of chromium in ruby. p. 782.
- Bedalov, P. P., and others. - Diffraction studies of ceramic samples in the system $FeO - SiO_2$ at temperatures 30 - 1000°C. p. 786.
- Markisov, E. B., and others. - Study of the interaction of neodymium and titanium hydroxides. p. 787.
- Kislov, I. P., Samirova, L. M., Paklitsky, E. A. - Reaction of lead tungstate with zinc and calcium tungstates. p. 791.
- Bobrov, B. B., Kpel'baum, M. B. - X-ray diffraction determination of the composition of calcic hydroxylaluminates. p. 793.
- Pedosev, A. D., Mikhaylova, T. A., Pivovarov, L. N. - Hydrothermal synthesis of (trioctylaluminum) silicates and some of its properties. p. 794.
- Vlasov, I. U., and others. - Study of the kinetics of water removal from chrysotile asbestos. p. 798.
- Conference on the chemistry of carbides, nitrides, borides, and silicides of transition metals. p. 802.
- AKADEMIYA NAUK SSSR, *Mosk. Vestn. Serya Khimicheskikh nauk* [ACADEMY OF SCIENCES OF THE USSR, *Chemical Sciences Series*]. Moscow, no. 3, 1968.
- Table of contents translated:
- Starkov, G. L., Lomako, V. L. - Kinetics of exhaustive extraction of rhodium complexes of transition-metal ions from aqueous solutions in a butanol. p. 8.
- Bedalov, P. P., Sokolov, E. B. - Selective properties of polycondensation carbon exchangers. Selectivity of the exchange of some ions. Part 2. p. 10.
- Komarov, V. S., Dobatkin, I. B. - Effect of the pH of medium and age of hydrazine obtained by the method of alkali-acid activation of hydrazine on the structure formation of azobenzene. p. 15.
- Krasnoshchikova, S. D., Ushakov, A. R., Shalaginova, S. M. - Adsorption of some organic acids on coals treated by acids and alkalies. p. 20.
- Krasnoshchikova, S. D., Krasnoshchikova, S. M. - Irreversible thermodynamics of some phenomena in non-equilibrium systems. Part 2: Prediction of entropy. p. 24.
- Dubovik, K. V., Pavlovskaya, M. M. - Dependence of the strength of spectral lines of microelements on the composition of systems silicon-oxide of alkaline earth metal. p. 27.
- Zinov, I. U., Pavlovskaya, M. M., Prodan, E. A. - Kinetics of low-temperature dehydration of dodecahydride of nickel triphosphates $NiH_{12}P_3O_{12} \cdot 3H_2O$ in a vacuum. p. 31.
- Gromakov, R. G., Shorokhod, O. R., Tikhonchik, I. G. - Use of 3-b-N-dimethylamino-4-hydroxyethyl-2-thiuronium in analysis. p. 37.
- Mel'nikov, M. A., Khodak, L. G., Zaitsev, A. A. - Properties of glasses of the system $MgO - H_2O - SiO_2 - CaO$ as the basis of low-temperature ceramic enamels. p. 41.
- Bedalov, P. P., Trunov, I. A., Batova, E. G. - Change in the density of glasses under different glass-molding conditions. p. 48.
- Chyvalskaya, V. M. - Data of Mendeleev's table and possible position of isotopes. p. 58.
- Bel'tovskiy, P. I., and others. - Studying kinetics of low-temperature decomposition of sedge peat. p. 57.
- Ivanova, L. A., Bel'tovskiy, P. I., Krasnoshchikova, S. D. - Acids of peat wax. Part II: Toxicity of dividing peat wax on the classes of compounds. p. 63.
- Zaitsev, K. A., Erofeev, N. V. - Chromatographic determination of acids in the products of a liquid-phase oxidation of cyclohexanol. p. 67.
- Koslov, M. R., Torshina, M. N. - Catalytic synthesis of benzimidazole derivatives. p. 72.
- Krasnoshchikova, S. D., Bel'tovskiy, P. I. - Dehydrogenation of secondary alcohols of different structure in a fluidized bed of a catalyst. p. 78.
- Krasnoshchikova, S. D., Vasil'eva, E. M. - Effect of diffusion on the course of reaction and solvolytic properties of the dehydration products of 1-ethylcyclohexanol - 5-ol. p. 82.
- Lapshina, S. B., Sazonova, E. M. - Preparation of high purity methacrylic acid. p. 86.
- Lukashov, K. I., Krasnoshchikova, S. D. - Scientific and practical significance of geochemical studies of Quaternary sands of the territory of Belorussian SSR. p. 88.
- Krasnoshchikova, S. D., Mikhaylova, T. A. - Structure and sorption properties of microelement dioxides. p. 93.
- Aleksandrovich, Kh. M., Danova, M. P., Pavlovskaya, M. M. - Effect of preliminary acetalization of aliphatic amines on flotation separation of potassium salts. p. 97.
- Ushakov, T. M., Akulov, V. M. - Determination of boron in glass beads by the spectral method. p. 102.
- Chibrikova, L. I., Skopina, R. V. - Synthesis of some 4(7)-derivatives of 8,8-dimethylbicyclopentadiene. p. 106.
- Parfymov, I. I., Kozlov, L. V., Parfymov, A. L. - Properties of borazines, triazines, and oxazines. p. 108.
- Parfymov, I. I. - Preparation of chemically pure synthetic camphor. p. 111.
- Koslov, M. R., Pak, V. D., Krasnoshchikova, S. D. - Preparation of aminoaliphatic esters and studying their stability in a dilute medium. p. 115.
- Orlovskiy, I. U., Krasnoshchikova, S. D., Bedalov, P. P. - Studies in the field of acyl peroxides. Synthesis of n-valerylacetyl. p. 117.
- Orlovskiy, I. U., Bykov, G. B., Krasnoshchikova, S. D. - Studies in the field of acyl peroxides. Chromatographic study of the oxidation products of aldehydes in the presence of diacid chlorides. Part 2. p. 119.
- Manova, G. V., Pustikov, N. S. - Change of the acidity of sedge-peat during self-heating. p. 123.
- ARMENIAN KHIMICHESKII ZHURNAL [ARMENIAN CHEMICAL JOURNAL]. Issued by Akademiya nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 10, no. 2, 1968.
- Table of contents translated:
- Oganesyan, V. Kh., Bakhshievich, V. F., Radtsigovskiy, A. V. - Production and physicochemical properties of sodium sulfide. p. 10.
- Margaryan, A. A., Medvedev, M. M. - Fluoroberyllate glass transparency in ultraviolet light in the presence of small additions of rare earth fluorides of the cerium group. p. 107.
- Babayan, G. G., and others. - Solubility diagrams of the quaternary reciprocal system $MgSiO_3 - K_2SiO_3 - NaOH - KOH - H_2O$. Part 2. p. 114.
- Abramyan, A. A., Karapetian, A. R. - Use of the product of silver permanganate thermal decomposition for the microdetermination of carbon and hydrogen in organic compounds. p. 124.
- Abramyan, A. A., Pogostan, L. E. - New variation of the method for the determination of nitrogen according to Dumas. p. 128.
- Mikhael, G. M., and others. - Studies in the field of compounds of the diacyl series. Part 2. Selective chlorination of diacyl. p. 132.
- Mel'nikov, M. A., and others. - Chemistry of vinylacetylene. Part II: Separation of vinylacetylene carbonyls, acetylene carbonyls, acetylene heteroalcohols and their esters by thin-layer chromatography on aluminum oxide. p. 139.
- Babayan, G. G., and others. - Studies in the field of amides and azoamide compounds. Part 2: Thermal and alkaline splitting of quaternary ammonium salts containing 2,3-dimethyl-2-butoxy and 3-cyclopentyl groups. p. 143.
- Krasnoshchikova, S. D., and others. - Synthesis and alkaline splitting of quaternary ammonium salts containing benzoate (the 2-chloro-2-butoxy group, one, two and three β -oxycyclohexyl groups). p. 150.
- Mikhael, V. G., Mikhael, M. A. - Effect of chloroform on the process of autooxidation of fats. Part 2. p. 154.
- Dargatzis, A. A., Orlovskiy, A. S., Chalykova, O. A. - Copolymerization of some substituted allyl compounds with vinylacetylene and maleic anhydride. p. 160.
- Abramyan, A. A. - Chloromethylation of some alkoxy-bromobenzenes. p. 164.
- Bedalov, P. P., Mel'nikov, M. A., Vostrikov, A. M. - Acetylene sorption from products of oxidizing methane pyrolysis by copper chloride solutions. Part I. p. 166.
- Aleksandr Vildich Akopjan on his 60th birthday. p. 167.
- Vol. 10, no. 4, 1968.
- Table of contents translated:
- Orlovskiy, A. V., Bagdasarian, R. V., Mikhael, L. G. - Light scattering and hydrodynamic behavior of polyacetylene rubber macromolecules in solutions. Part No. 2. Light scattering and viscosity of nitrit-P macromolecules in a solution. p. 144.
- Mikhael, L. G., Bagdasarian, R. V. - Kinetics of the consumption of monomers during emulsion polymerization of chloroprene initiated by potassium persulfate. p. 148.
- Mikhael, L. G., Bagdasarian, R. V., Karapetian, B. A. - Kinetics of the consumption of monomers during emulsion polymerization of chloroprene initiated by dinitrite of azobutyric acid. p. 151.
- Akopjan, A. K., Chalykova, O. A., Petrosyan, V. A. - Studies in the field of organic compounds chlorination and transformation of chloro derivatives. Part No. 4. Dark chlorination of fluorochlorinated organic compounds initiated by phenylacetylene. p. 157.
- Akopjan, A. K., Bagdasarian, R. V. - Studies in the field of chlorination of organic compounds and transformations of chloro derivatives. Part No. 5. Reaction and products of initiated toluene chlorination and of its chloro derivatives. p. 171.
- Mikhael, L. G., Akopjan, A. K. - Synthesis of glycidyl ethers of acetylenic alcohols. p. 178.
- Orlovskiy, A. V., and others. - Reactions of carbonyl compounds. Part No. 4. Synthesis of esters from 1-pentene, cyclohexene and methylcyclohexene by means of formic acid and selected C₂-C₃ alcohols. p. 184.
- Vartanian, S. A., Dauglas, F. V. - Chemistry of unsaturated compounds. Part 2. Addition of α-haloethers to styrene and trimerization of obtained γ-chloroethers. p. 188.
- Vartanian, S. A., Tsovetan, A. O. - Chemistry of vinylacetylene. Part 7. Addition of chloromethyl ethers to trimethylvinylacetylene, and some transformations of obtained chlorides. p. 192.
- Abramyan, A. A., Ghalibekyan, A. A., Ashikyan, M. A. - Chemical processing of the tails of heavy iron-olivine ore obtained by magnetic separation concentration. Part 4. Treatment of hydrochloric solutions of tails with potassium. p. 196.
- Abramyan, A. A., Mel'nikov, M. A., Vostrikov, A. M. - Study of the equilibrium of a mixture of copper monoxide and acetylene with a solution of copper chloride at different temperatures. p. 207.
- Akopjan, A. K., Bagdasarian, R. V., Karapetian, D. Kh. - Continuous washing of polyvinylbutyral. p. 211.
- Vol. 10, no. 6, 1968.
- Table of contents translated:
- Bagdasarian, R. V., Bagdasarian, M. M., Chalykova, O. A. - Studying the kinetics of the reaction of benzoyl peroxide with triethanolamine in dimethylformamide in the presence of oxygen. p. 208.
- Abramyan, A. K., and others. - Kinetics of polymer dissolution. Part I. Effect of some factors on rate of polyvinyl acetate dissolution. p. 210.
- Mikhael, L. G., Bagdasarian, R. V., Bagdasarian, S. V. - Determination of monomer concentration by the rate of emulsion polymerization of chloroprene by means of amperometric titration. p. 213.
- Krasnoshchikova, S. D., Bagdasarian, M. M. - Physicochemical study of the system containing $MgAlF_6$, K_2AlF_6 and Li_2AlF_6 . Part 2: Potentiometric diagram of the $K_2AlF_6 - Li_2AlF_6$ system. p. 218.
- Oganesyan, V. Kh., Tsovetan, A. O., Bagdasarian, R. V. - Study of the reactions of reduction and complex-formation of gold (III), selenium (IV) and tellurium (IV). Part 2: Interaction of gold (III) with thionine. p. 224.
- Abramyan, A. V. - Mineralogical and chemical composition of some carbonate products of oxidized Araxes. p. 227.
- Abramyan, A. V., Mikhael, L. G., Mel'nikov, M. A. - Addition of hypochlorous acid to vinylacetylene hydrocarbons. p. 230.
- Babayan, G. G., and others. - Studies in the field of diacyl acetylene acid derivatives. Part 2: Some dialkylaminoacetylene esters of allylacetic acids. p. 234.
- Mikhael, L. G., Bagdasarian, R. V., Bagdasarian, S. V. - Studies in the field of amides and azoamide compounds. Part 4. Some N-β-chloroethyl-N-butoxy-N-oxalobenzamides. p. 241.
- Vartanian, S. A., Krasnoshchikova, S. D., Bagdasarian, R. V. - Chemistry of vinylacetylene. Part 8: Synthesis of some new 4-pyridones from divinylketone and 4-hydroxybutyrate ions. p. 247.
- Bedalov, P. P., Danova, M. P. - Production of calcium cyanamide in a fluidized bed of limestone (lime). p. 248.
- Bedalov, P. P., Bagdasarian, R. V., Chalykova, O. A. - Drying of carbonized calcium cyanamide in a fluidized bed. Part I. Deduction of the mathematical equation. p. 249.
- AKHBAZH KHIMICHESKII ZHURNAL [AKHBAZHIAN CHEMICAL JOURNAL]. Issued by Akademiya nauk Azerbaidzhanai SSR [Academy of Sciences of the Azerbaijan S.S.R.]. Baku, no. 4(42), 1968.
- Table of contents translated:
- Trunov, D. M., and others. - Study of contact pyrolysis of thermal-erecting kerolite in a reactor with ascending flow of polymerized heat-transfer agents. p. 3.
- Kuliev, R. B., Keyvortova, I. B., Mamedov, Q. T. - Acceptability of solid-state additives by transformer oils. p. 7.
- Kuliev, R. B., Aliev, A. A., Aliev, A. B. - Reactions of monomethyl ethylene glycol esters with phosphorus pentoxide. p. 10.
- Mekhtiev, S. D., and others. - Alkylation of toluene with isobutylene in the presence of synthetic aluminumchloride. p. 14.
- Krasnoshchikova, S. D., Aliev, R. M. - Synthesis of esters (phosphates) from synthetic acids. p. 20.
- Mamedov, M. A., and others. - Synthesis of solid alkyl aromatic hydrocarbons. p. 26.
- Baklanov, M. T., Krasnoshchikova, S. D., Bagdasarian, R. V. - Addition of α-chloromethyl alkyl ethers to isocyanate alkoxide. p. 30.
- Chalykova, O. A., Pashayev, I. L., Dalia, M. A. - Dimerization of ethylene on organometallic catalysts. p. 34.
- Oganesyan, V. Kh., and others. - Exhaustive chlorination of isopropylene. p. 39.
- Bedalov, P. P., Bagdasarian, R. V., Bagdasarian, S. V. - Fractionation of polyethylene, ethylene copolymers with propylene and d-butylene. p. 43.

- Abdullayev, A. G., Zetmalova, G. A. - Condensation of alkyl phenols and alkyl- β -naphthols with 1,2-dichloroethane. p. 44.
- Bukharizade, A. A., Smirnova, K. A. - Alkylation of benzene with high purity olefins on solid acidic catalysts. p. 61.
- Seidov, N. M., Alimov, A. I. - Copolymerization of ethylene with propylene in the presence of vanadium triacetyl acetonate and diisobutyl aluminum chloride. p. 84.
- Makhlisov, S. D., Mamedov, Z. F., Narimanov, G. A. - Cyanosilylation of water with strongly alkaline ion-exchange resins. p. 80.
- Kolomoik, I. M., and others. - Kinetic equation for the reaction of alkylation of toluene by propylene at different pressures. p. 93.
- Zulfugarov, Z. G., Morozov, A. A., Alimov, G. I. - Study of porous-structural characteristics of strontium- and aluminum-strontium silicate carriers and aluminum oxide catalysts. p. 70.
- Petrova, E. G., Kuznetsova, N. M. - Polycondensation of diethylbenzene. p. 96.
- Garcosch, A. D., Baskakov, Kh. M., Ostrov, G. A. - Dipole moments of diethylbenzylmethylphenols and p -alkyl phenol sulfides. p. 87.
- Burakov, R. M. - Dynamics of ion-exchange sorption of heterovalent ions at steady state. p. 94.
- Shik, G. I., Shakhmatkin, T. M., Seidov, S. - Catalytic kinetic regularities of dehydrochlorination of dichloroethane and vinyl chloride on γ -alumina oxide. p. 101.
- Shimova, T. A., Bakrakov, A. M., Mikhailov, A. K. - Stabilization mechanism of clay systems. p. 107.
- Dudakov, B. A., and others. - Relationship between catalytic activity and adsorbability of aluminum-chromium catalysts. p. 112.
- Mamchetov, A. A., Aliev, S. T. - Stability of the aqueous sol of silicic acid. p. 118.
- Shakhmatkin, G. B., Geller, A. I. - Reduction of sulfur dioxide with carbon monoxide in the presence of reduced alumina as catalyst. p. 121.
- Begimov, I. L., Guseinov, I. K., Agayeva, L. A. - Study of the absorption of gallium, aluminum, iron, titanium, and vanadium by ion-exchange chromatography. p. 128.
- Akhmedov, M. K., Alieva, S. R. - Study of the steady-state complex with Kymol Orange. p. 134.
- Tikhonova, N. M. - Preparation of ammonium phosphide. p. 139.
- No. 5(47), 1968.
- Table of contents translated
- Aliev, V. S., and others. - One-step dehydrogenation of methylcyclopentane to methylcyclopentadiene over industrial catalyst K-8. p. 1.
- Ashtimov, M. A., Dadashova, Z. A., Muratova, M. A. - Synthesis of hydrophobic and hydrophilic surface active agents based on residues of thermal cracking of naphth. p. 8.
- Kaliev, R. Sh., and others. - Evaluation of the adsorbents for oil purification. p. 13.
- Kaliev, A. M., Aliev, A. B. - New 8-substituted derivatives of 1,8-dimethylbenzylamine. p. 14.
- Makhlisov, S. D., Lashin, M. M., Shalomeev, M. Kh. - Alkylation of α -xylene by tri- and tetraalkylamines. p. 21.
- Mamedov, Shakhmat, Shakhmatov, A. Z., Mamedova, R. G. - Study in the field of glycol ethers and their derivatives. p. 26.
- Guseinov, M. M., Kuznetsova, F. A. - Kinetics of methylcyclopentane cycle in the presence of chloroacetic acid. p. 32.
- Kaliev, R. K., and others. - Synthesis of naphthalene acids by a direct oxidation of naphthalene hydrocarbons. p. 37.
- Makhlisov, S. D., and others. - Synthesis and transformations of some organic and organometallic derivatives of isopropylacetylcarbinol. p. 42.
- Mirzazade, M. M., Abdullayev, N. G. - Synthesis of the esters of the enol form of trimethylsilylketene acids. p. 48.
- Mirzazade, B. F., and others. - Study of a capacity of the vinyl esters of naphthalene acids to polymerization and copolymerization. p. 51.
- Mamedov, M. A., Muratova, S. M., Alakperova, M. G. - Study of the solution of polymers in hydrocarbons. p. 55.
- Petrova, E. G., Kuznetsova, N. M. - Effect of the parameters of polycondensation process of diethylbenzene on the molecular weight of polymers. p. 61.
- Kaliev, V. G., and others. - Study of the polymerization of alkenes on organometallic complex catalysts. p. 64.
- Aliev, S. M., and others. - Determination of constants of copolymerization of isopropylstyrene and styrene. p. 74.
- Makhlisov, S. D., and others. - Oxidizing ammonolysis of m -xylene and its mixtures with n -toluene. p. 73.
- Kaliev, A. M., and others. - Synthesis and some transformations of p -bromophenol. p. 77.
- Zulfugarov, Z. G., Shadrin, K. B., Morozov, A. A. - Study of porous structural special features of chromium-molybdenum oxide polymerization catalysts. p. 80.
- Shadrin, A. G., Smirnova, V. K., Zulfugarov, Z. G. - Effect of chemical composition and pH medium of precipitates on activity of chromium aluminum-oxidizing catalysts of dehydrogenation of benzene into butylene. p. 88.
- Seidov, N. M., Arutunov, I. A., Dalin, M. A. - Low temperature copolymerization of ethylene with propylene in the presence of $[VCl_4 + (C_2H_5)_2AlCl]$. p. 84.
- Mamedov, M. A., Akhmedov, I. M., Guseinov, M. M. - Catalytic addition of silicon hydrides to 2-chloro-3-bromo-2-methyl-2-butene. p. 91.
- Kaliev, A. M., and others. - Effect of the moisture of silica gels and activated acids on their adsorptive capacity. p. 94.
- Megreva, V. F., Kuznetsov, A. M., Bakhtova, S. A. - Inhibitors of the corrosion of aluminum alloy in alkaline suspensions in the presence of oil. p. 102.
- Lyubkin, I. P. - Generalized equation of the absorption dynamics in a direct flow. p. 108.
- Kudachinov, B. V. - Study of the work of microcorrosion pairs in heterogeneous systems carbon-tetrachloride-chloroform-water. p. 100.
- Shakhmatkin, G. B., Aliev, S. T., Kuznetsov, E. A. - Reduction of Deabinox from ore by hydrogen at high pressures. p. 112.
- Mamchetov, V. D., Bakhtov, P. G., Bakarov, M. G. - Reaction of indane selenides and tellurides of AlR₃VI type. p. 117.
- Bakhtov, T. R., Bakhtov, K. A., Akhmedov, M. K. - Study of the complex compounds of europium and gadolinium with pyrocatechol violet. p. 122.
- Alakperov, A., Bakhtov, K. E. - Distribution of impurities in electrodeposition of selenium and tellurium from alcohol solutions of their chloride compounds. p. 127.
- Alakperov, R. A., Shadrin, M. A., Akhmedova, K. A. - Naphthalene acids dissolved in formation waters. p. 131.
- ELEKTROKIMIYA [ELECTROCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 11, Nov. 1968.
- Table of contents translated
- Kasler, I. U. M., Martynov, G. A., Tikhonov, S. V. - On a formula in the theory of electrolyte solution. p. 1275.
- Bakhtov, R. Kh., and others. - Oxygen electroreduction on a smooth platinum electrode. p. 1281.
- Bakhtov, V. P., and others. - Hydrogen ionization on a platinum porous electrode partially immersed in KOH solution. p. 1284.
- Shadrin, V. V., Bakhtov, M. A., Kuznetsova, M. I. - Adsorption of anions on germanium and silicon. p. 1294.
- Antropov, L. I., Chivrik, V. P. - Solution kinetics of impurity metal amalgams in sodium hydroxide solutions. p. 1299.
- Tarasovich, M. R., and others. - Current generation mechanism in oxygen electroreduction on semi-immersed platinum electrodes of varying roughness. p. 1304.
- Khafizov, L. A., Begimov, V. D. - Polarographic study of polyacetic aromatic ketones. Part 1. Polarography of benzophenone in methanol. p. 1318.
- Bobrov, V. S., Kalaykova, L. P., Shalita, M. M. - Stability of electrode characteristics of alkali silicate glasses. p. 1321.
- Bakhtov, G. S., Bakhtov, A. A., Plavinskii, A. M. - Electrode properties of lithium from silicate glasses. p. 1328.
- Darmakina, R. B., and others. - Electrocapillary measurements in concentrated solutions of $NaClO_4$. p. 1334.
- Darmakina, R. B., and others. - Adsorption of NO_3^- anions on mercury from concentrated nitrate solutions. p. 1342.
- Kasikov, V. A., Vaynshteyn, A. T. - Estimation of the force associated with convective flow in electrochemical processes. p. 1344.
- Vollov, G. I., Khafizov, S. L. - Polarization during sodium deposition on a mercury cathode. p. 1347.
- Alekseeva, B. A., Kuznetsova, V. A. - Electric double layer capacity in liquid indane-anilinoxy alloys. p. 1351.
- Guseinov, V. P. - Oxygen kinetics of a gold electrode in sodium hydroxide media. p. 1353.
- Guseinov, V. P. - Oxygen kinetics of a silver electrode in sodium hydroxide media. p. 1358.
- Pinev, V. G., Bakhtov, I. U. V. - Diffusion coefficients of platinum ions in fused salt mixtures KCl - $LiCl$ and KCl - $NaCl$. p. 1357.
- Rybalov, K. V. - Structure of an electric double layer on a lead electrode. p. 1364.
- Bakhtov, G. P., and others. - Kinetics of the individual stages in oxygen reduction. Part 2. Oxygen reduction on nickel in alkaline solution. p. 1364.
- Lober, V. V., Molodtsov, A. I. - Criteria of the presence of disproportionation in multistep processes. p. 1364.
- Molodtsov, A. I., and others. - Heterogeneous disproportionation of Fe^{2+} ions. p. 1370.
- Podkovyashko, B. I., Shadrin, V. P., Khafizov, A. A. - Effect of the solution composition on chemisorption of carbon dioxide on a platinum-platinum electrode. p. 1374.
- Sokolova, L. A., Kondrat'eva, L. P., Mikhlin, V. M. - Efficiency increase of the section of negative resistance and widening of the operating range of temperatures of electrochemical diodes. p. 1379.
- Levin, S. D., and others. - Effect of the metal structure on work function of an electron of the systems consisting of metals coated with thin phthalocyanine film. p. 1380.
- Zhdanov, S. I., Tsvetkovskii, V. Shch. - Development of polarographic maxima on alternating current polarograms. p. 1383.
- Akhmedov, B. N., Timofeeva, T. N. - Kinetics of phenylglyoxal and maleic acid electroreduction on dropping mercury electrode. p. 1385.
- KHIMICHESKAYA INFORMATSIYA; sistematicheskii sbornik sbor v inostrannykh zhurnalakh [CHEMICAL INFORMATION; Classified Index of Articles in Foreign Periodicals]. Issued by Vsesoyuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, no. 11(176), Nov. 1968.
- KHIMIYA PRIRODNYKH SOEDINENII [CHEMISTRY OF NATURAL COMPOUNDS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Tashkent, no. 2, 1967.
- Table of contents translated
- Troshchenko, A. T., Povolutskaya, N. M. - Heptacosanoic acid from *Myricaria alopecuroides*. p. 78.
- Orlov, A. G. - Polysaccharides of *Plantago major*. Part 3. Structure of destructive periodic acid. p. 88.
- Kochalova, M. A., Loshakov, P. M., Rybalov, K. E. - Quantitative determination of the total amount of isoflavones and taurine in *Artemisia taurica*. p. 93.
- Chirkova, M. A., Lashin, A. K., Ibragimova, V. A. - Neutral substituents of the resin of *Abies sibirica*. Part 2. Structure of diterpene compounds. p. 98.
- Salei, L. A., and others. - Structure of peracetic, diacetic acid from *Marrubium pulegioides*. Part 3. p. 99.
- Iskova, V. M., Rabinov, A. A. - Gypsogalic acid from the roots of *Asarababylonis asclepiadum* and *A. gypsophiloides*. p. 99.
- Polubinskii, Z. P., Sedukov, A. S. - Ithraconic, a new glycoside of flowers (*Asystasia thymifolia*). p. 99.
- Mikhailov, L. G., Akhmedov, M. K. - Triphenyl glyoxides of *Laetolites evermannii*. Part 3. Structure of laetolite A and laetolite B. p. 104.
- Vasileva, L. I., Kuznetsov, A. I., Piskunov, T. M. - Alkaloids of *Rapanea hirsutifolia*. Part 3. p. 109.
- Makhlisov, S. D., and others. - Amino acids and peptide derivatives of indole series. Part 3. Synthesis and properties of α -methyltryptamine analogs. p. 109.
- Makhlisov, S. D., Akhmedov, S. T., Ibragimov, A. U. - Structure of prapropine. p. 117.
- Savitsky, K. P., and others. - Splitting of phosphoric bond during the hydrolysis of nucleotides (5'-N⁺-nucleoside). p. 121.
- Avdeeva, B. M., and others. - Phosphorylation of carboxylic acids and amino acids under the effect of diethylpyrophosphate. p. 126.
- Orlov, M. I., and others. - Study of the substances, constituents of essential oils. Part 28: Synthesis of α -fenchylpolymaleic acid. p. 131.
- Kozl, A. M., Tarasov, P. B., Moshonina, I. V. - Synthesis of fenchone acid and its analogs. p. 134.
- Akhmedov, M. K., Khafizov, S. L., Vurovskiy, M. A. - Synthesis of *Phoradendron drupaceum*. p. 137.
- Khalim, G. R., Kuznetsova, N. F. - Flavonoids of *Hedysarum cretense*. p. 138.
- Shadrin, A. Kh., Akhmedov, M. K. - Syntheses based on streptolactone. Part 3: Synthesis of 14 β -hydroxyacetone. p. 139.
- Akhmedov, L. D., Kuznetsov, A. I. - Nature of rosmarinic acid from *Rosmarinus officinalis*. Part 3. p. 143.
- Kuznetsov, K. I., Tarasov, I. V., Lashin, V. M., G. V. - β -chloromethylate of L-canadine from *Thalictrum minus* L. Part 3. p. 141.
- Makhlisov, S. D., Ibragimov, S. I. - Separation of erividine and erividinol from *Vinca erecta*. p. 143.
- Shadrin, L. I., Phipps, I. U. B., Pon, H. Z. - Comparison of Boerhaave's lignine from wood of larch and fir. p. 143.
- Chomakov, T. K., Margaliev, G. M. - Anthraquinone dyes in seeds and leaves of *Rhamnus tatarica*. Part 3. p. 144.
- Troshchenko, A. T., Lashin, T. I. - Chemical study of the composition of *Epilobium aureum*. p. 148.
- KHIMIYA V SHKOLU [CHEMISTRY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya SSSR [Ministry of Education of the U.S.S.R.]. Moscow, vol. 23, no. 6, Nov.-Dec. 1968.
- KHIMIYA VYKHOZH KEMERU [HIGH-ENERGY CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 6, Nov.-Dec. 1968.
- Table of contents translated
- Muramov, V. I. - Application of relaxation EPR effects in radiation chemistry (a survey). p. 483.
- Orlov, V. I., Gurev, M. V. - Rearrangement of ion in the mass spectra of methylallenes. p. 487.
- Platov, K. B., Dubovoi, V. P., Kufin, P. P. - Chemical reactions of hot hydrogen atoms with methanol and in the methanol-benzene system. p. 501.

Danilov, B. G. - Reaction of hot hydrogen atoms and excited radicals. Part 2. Photolysis of $\text{H}_2\text{-C}_2\text{H}_2$ mixtures. p. 808.

Gordina, E. B., Ponomarev, A. N., Tal'rova, V. L. - Application of a mass on atomic hydrogen for studying elementary processes involving H atoms in the gas phase and on the solid surface. Part 1. Basis of the method. p. 818.

Aplotikhin, V. M., and others. - Absorption of the high intensity laser radiation in liquids. Nature of active particles initiating styrene polymerization under the effect of laser light beam. p. 819.

Karachentsov, G. V., Larin, I. K., Tal'rova, V. L. - Radiolysis of gases in the electric field. Part 1. Effect of electric field on mean concentration of ions in the ionization chamber. p. 824.

Tsvetkov, I. D., and others. - Study of free radical distribution in irradiated organic matrices by means of electron-spin echo. p. 832.

Poluchkov, V. A., Dobrov, I. V., Lipina, R. A. - Some kinetic regularities of radiation-induced chemical oxidation of tetrachloroethylene. p. 836.

Korotkiy, A. T., Zubkov, A. V. - Radiation-induced decomposition of peroxides in hydrocarbon medium. p. 844.

Korotkiy, A. T., Zubkov, A. V., Tschin, V. A. - Centers of coloration in irradiated polystyrene with additions. p. 851.

Kochetov, M. K., and others. - Mechanism of radiolysis of aqueous solutions of cellobiose, maltose, and gentiobiose. p. 854.

Kuznetsov, L. G., and others. - Mass spectrometric study of the products of thermal decomposition of γ -irradiated alcohols. p. 857.

Dolys, V. V., Lyzhin, V. M. - Effect of the addition of rare earth elements on the radiolysis of crystalline alkali metal nitrates. p. 860.

Mokladova, L. M., Shchegoleva, G. A. - Radiolysis of triethylamine cobaltic chloride. p. 866.

Danilov, B. G., Shchegolev, A. V., Ushakov, M. B. - Photolysis of hydrogen sulfide. Effect of propylene additions. p. 871.

Rylov, V. V., Khramov, V. R. - Two-quanta photolysis of phenylacetylene triphenylmethane at room temperature. p. 874.

KOLLOIDNYI JURNAL [COLLOID JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, Vol. 30, No. 4, July-Aug. 1968.

Table of contents translated

Abramov, A. A., Molodtsova, E. K. - Some features of adsorption on the surface of liquid phases. p. 475.

Avetisyan, R. A., Trupakov, A. A. - Description of a surface active agent from a monolayer at the water-air interface by a solvent drop. p. 480.

Degrov, A. A. - Dependence of plasticity of the clay-water system on the dispersion phase concentration. p. 480.

Dubrovskiy, A. A., Tikhonov, V. K. - Interaction of foams with some liquids. p. 490.

Mikh, E. E., Lavrov, I. S., Merzhanov, O. M. - Electrophoretic mobility and interaction of particles. p. 494.

Darya, A. A., and others. - Sorption of emulsions in the coagulation of lyophobic sols by electrolyte mixtures. p. 496.

Ustin, V. G., Kharlov, V. A., Dubrovskiy, M. M. - Kinetics of breaking of electrolyte foams. p. 503.

Gromov, E. V., and others. - Stabilization of styrene monomer and pre-polymer drops in aqueous solutions of partly acetylated polyvinyl alcohol. p. 506.

Kudakov, V. L., Lashchukina, L. D., Umanova, N. A. - Adsorption of diethyl phthalate from hydrocarbons by natural adsorbents. p. 513.

Zhelez, A. D. - Adsorption number in the break-away of polydispersed particles. p. 517.

Kolmanovskaya, A. S., Rodenskii, A. V. - Effect of parallel waves on the structural-rheological properties of bitumens. p. 522.

Kolesnik, I. A. - Some problems of the theory of evaporation and growth of drops. p. 527.

Krasnoshchekova, R. A., Zeldes, A. L. - Strength of emulsified vulcanizates from butyl rubbers of different structure. p. 533.

Lakomskaya, A. L., Dogaletskaya, R. A., Ukolovskaya, E. M. - Features of the temperature-velocity dependence of specific tear energy of carbon black-reinforced rubbers. p. 538.

Margelov, D. M., Oboznenko, Z. Kh., Khramov, V. R. - Electrolyte discharge phenomena in freshly formed crystals of sodium sulfate. p. 546.

Melamed, E. M., and others. - Metal polymers based on polystyrene and colloidal particles of metals obtained by the thermal method. p. 543.

Mentrov, G. V., and others. - Some problems of cation exchange thermodynamics in soils. p. 548.

Ostrovskiy, M. B., and others. - Strainage stresses and strains of condensation structures of acetyl cellulose. System acetyl cellulose - ethyl ether of methylene glycol. p. 558.

Prigorodov, V. K., Melnik, E. A., Tashman, A. B. - Stabilization of concentrated emulsions in the case of surface active emulsifier transition through the interface. p. 560.

Rabiner, P. A. - On the dispersion theory. Part 2. Thermodynamics of monodisperse systems. p. 573.

Stanyts, V. D., Barakli, A. A., Angelova, E. M. - Mechanism of the mutual coagulation of particles of different size. p. 581.

Kolov'eva, T. B., Eremina, I. V., Pashch, R. M. - Surface tension isotherms of solutions of ionic and nonionic surface active substances. p. 587.

Kirel'teva, G. B. - Surface properties of quartz. p. 592.

Tovbis, M. V., Dubenko, D. F. - Kinetics of an aqueous aerosol absorption by the surface of solutions. p. 594.

Trupakov, A. A., Padraik, G. G. - Effect of the nature of solvent on the electric conductivity of a polymer (polyethylene resin) solution. p. 603.

Chernoberskiy, I. U. M., Lashchukina, L. D., Zel'tser, A. B. - Sol-concentration effect. p. 608.

Chernoberskiy, A. V., Markina, Z. M., Kostova, M. Z. - Effect of solubilization of hydrocarbons on the rheological properties of aqueous solutions of saturated acid sodium salts at different temperatures. p. 612.

Stepanov, M. P., Krylov, I. A., Talood, B. L. - Solubilization of natural resins and synthetic high-molecular compounds. p. 620.

LATVIAN PADOVNU SOCIALISTIKAS REPUBLIKAS ZINATNU AKADEMIA. Vestis. Kimija serija. Ierostis Akademiisk Latvijas SSR. Serija Mikroskopija [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin. Chemical Series]. Riga, no. 4, 1968.

Table of contents translated:

Kozlov, Z., Lazdina, V., Valved, A. - Effect of different factors on the quality of polystyrene bromide in DMS. p. 363.

Donchikova, V., and others. - Study of the systems $\text{PbO}_2\text{-H}_2\text{O}_2\text{-H}_2\text{O}$ (Pt-Cr, V, T, Fe). Part 1. Oxidation formation in the system $\text{PbO}_2\text{-H}_2\text{O}_2\text{-Cr}_2\text{O}_3$. p. 367.

Pavla, J., and others. - Additivity of the medium as a factor determining ozone formation in $\text{K}_2\text{S}_2\text{O}_8$ decomposition. p. 372.

May, L. - Orders of silicon bonds. p. 378.

Apollis, A. - Physicochemical properties of phenyl-dithiocarbamate acid and its qualitative reactions with metal ions. p. 406.

Cara, L., Benkovsky, Y. Maria, A. - Distribution constants of 6-mercaptopyridine and its 5-halo derivatives in some aqueous water - organic solvent. p. 424.

Cirila, J., and others. - Study of 6-mercaptopyridine (thioamide) and its derivatives. Part 3: Chelate salts of 6-chloro-6-mercaptopyridine. p. 409.

Ozol-Kalsha, G., Purin, B. - Effect of alternating current on nickel electrodeposition. Part 6: Internal stresses of nickel depositions from borohydrofluoric and ammonium electrolytes. p. 417.

Korotkova, V. R., Kuznetsov, I. A., Gubinskiy, E. - Derivatives of thiazolyl ketones as analytical reagents. Part 3: Complex formation of dithiazol with palladium. p. 423.

Avots, A., and others. - Formation of volatile acids during vapor-phase oxidation of furan compounds on vanadium catalyst. p. 428.

Valter, S., Valter, R., Meland, O. - Determination of the number of carbonyl groups in mono and diester derivatives of isobutyl by measurement of the integral intensities of C=O bands in the infrared. p. 438.

Gelis, L., Korotkova, M., Vasaga, G. - Condensation of alkyl malonyl chlorides with phenols. p. 439.

Vlasovskaya, V., Miller, T., Valved, A. - Hardening of low-molecular polyphenylmethanone in the presence of catalysts. p. 443.

Veveris, A., Gintaris, V. - Oxidation- β -diketones. Part 4: Methyl- and hydroxy derivatives of α -methyl- β -diketones. p. 447.

Gintaris, V., and others. - Synthesis and study of potential antidopants. Part 3: Synthesis, biochemical and pharmacological study of some β -hydroxybutyrylhydrazides and β -hydroxyalkyl-hydrazides. p. 453.

Gelis, L., and others. - C-acylation of 1,3-indanones and 1,3-perimaphthalindiones. p. 458.

Cerna, L., Rothberg, Y., Oskala, V. - Condensation of dicarboxylic acid anhydrides with compounds containing active methylene groups. Part 7: 5-(chloro-1,3-indanones) and its derivatives. p. 468.

Bagarov, A. M., Vederkhar, N. A. - Determination of methylthiophene yield in the preparation of furfural from different pentosan-containing raw materials. p. 471.

Lazdina, B., and others. - Levoglucosan polyethers. Part II: Polymerization of levoglucosan in the presence of hydroxyl-containing compounds. p. 478.

Sorgasova, V. M., Millitina, S. V., Galkova, L. N. - Effect of locking radiation on wood and its components. p. 481.

Kuznetsov, P., Parina, L., Krivov, P. - Alterations in the submicroscopic structure of spruce wood during alkaline cooking. p. 486.

Dobrosh, G., and others. - Combined use of the EPR and "derivation" methods for studying the process of thermal decomposition of wood and its components. p. 487.

MOSCOW, UNIVERSITY. Vestis. Serija 3: Kimija [UNIVERSITY. Review. Series 3: Chemistry]. Vol. 17, no. 4, July-Aug. 1968.

Table of contents translated:

Tatarkin, V. M., Spiridonov, V. P. - Basic regularities in the geometric configuration of polycyclic molecules. p. 3.

Karshnikov, L. M., Panchikov, G. M. - Kinetics of water sorption on aluminosilicate gels. p. 16.

Srivastava Rajesh Chandra. - Molecular refraction and velocity of ultrasound in pure liquid organic substances. p. 19.

Antipina, T. V., Simanov, I. P., Chernov, V. A. - X-ray diffraction study of aluminum oxide samples activated by boron fluoride. p. 27.

Lukhanov, V. B. - Measurement of absolute β -radioactivity by the method of fixed solid angle. p. 34.

Lapshin, A. V., Khlevnikov, V. P. - Hydrochlorination of procelidinium pentoxide on carriers. p. 38.

Alimarin, I. P., Glibko, I. M., Chin Kung-jang. - Tartarate complexes of platinum and iridium. p. 34.

Shchegolevskaya, R. L., Pashkova, V. M., Shchegoleva, V. I. - Study of benzoylmethylketone as a reagent for spectrophotometric determination of palladium. p. 35.

Bucov, A. I., Chang Fan, Kuslavskaya, Z. P. - Sodium p-(acetoxycarboxylate)-benzoyl sulfonate as a reagent for molybdenum. p. 43.

Troitskiy, E. P., Alimarin, I. P., Shchegoleva, G. A. - Ion exchange study of behavior in the presence of different organic acids. p. 48.

Tarasovich, M. I., Trunova, V. V. - Spectral analysis of solutions by their direct pulverization into the light source through electrode channel. p. 53.

Salekova, V. I., Efimova, V. G. - Study of the analytical properties of 6-hydroxyquinoline. Report No. 1: Gravimetric determination of palladium with 6-hydroxyquinoline. p. 54.

Shchegoleva, Z. P., Shchegolevskaya, R. L., Kuznetsov, O. V. - Products of addition of some organic bases to thianthrylhydroxy betanaphthol. p. 61.

Margolis, E. I., Tarasova, V. A. - On the catalytic isomerization of penamethylol hydrocarbons. p. 64.

Shchegolev, I. P., Syrtsova, L. A. - Possibility of conversion of pyridine derivatives to acyclic amino acids. p. 70.

MOSCOW, VSEORUANYI NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT KIMICHESKIKH REAKTIVOV I OSOBO CHISTYKH VESHCHESTV [Trudy ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF CHEMICAL REAGENTS AND ANALYTICALLY PURE SUBSTANCES. Transactions]. No. 25, 1968.

Table of contents translated:

Shafira, I. G., Dubrovskaya, L. A. - Reversible dithionite method (for the determination of the total of gram-equivalents of heavy metals impurities in reagents. p. 7.

Shafira, I. G., and others. - Determination of sulfide sulfur in trichloroethane. p. 18.

Shafira, I. G., Solov'yev, E. A. - Photocolorimetric determination of calcium and magnesium additions in chemical reagents. p. 24.

Shafira, I. G., Kuznetsov, A. V. - Determination of small amounts of nickel in amino-ammonium salts. p. 34.

Shafira, I. G., Peltukh, A. V. - Determination of 5-10% of iron impurity in amino-ammonium salts. p. 42.

Shafira, I. G., Pavlova, M. V. - Methods for the determination of micro- and submicrogram quantities of phosphorus. Report No. 1. p. 46.

Shafira, I. G., and others. - Increase in the sensitivity and reliability of phosphorus determination by the method of molybdenum blue. Report No. 2. p. 51.

Shafira, I. G., Pavlova, M. V., Tkova, S. A. - Fast spectrophotometric determination of phosphorus by the method of molybdenum blue. Report No. 3. p. 54.

Shafira, I. G., Pavlova, M. V., Shafirova, T. A. - Indirect (based on molybdenum) photometric determination of microgram quantities of phosphorus by the kinetic method. p. 60.

Shafira, I. G., Pavlova, M. V., Tkova, S. A. - Spectrophotometric microdetermination of phosphorus in the ultraviolet as a molybdenum-molybdenum complex. Report No. 4. p. 75.

Parshchikova, M. E., Shafira, I. G. - Complexometric determination of the basic substances in acids and palladium oxide. p. 83.

Shafira, I. G., Kuznetsov, O. V., Roslavich, V. F. - Unified complexometric method for the determination of the basic substances in scandium compounds. p. 88.

Shafira, I. G., Parshchikova, M. E., Pavlova, T. L. - Complexometric determination of thoria in a solid in-Sb-As solution. p. 92.

Shafira, I. G., Kuznetsov, A. V. - Determination of boron suboxide impurities in peroxides (tetrahydroxide and analogous substances. p. 96.

Rozanovskiy, E. M., Panchikov, T. I., Bratslav, Kh. E. - Determination of chloride micro-impurities in calcium and strontium tetrates and molybdates. p. 104.

Rozanovskiy, E. M., Bratslav, Kh. E. - Determination of chromate (VI) micro-impurities in calcium salts by the polarographic method with preliminary concentration of the determinable substance on an electrode. p. 110.

Rozanovskiy, E. M., Bratslav, Kh. E. - Determination of iodide micro-impurities in barium, strontium and calcium carbonates by a colorimetric polarography with preliminary concentration of the determinable substance on an electrode. p. 114.

- МЫСЛИ И ЖИЗНЬ, НАУКА, ТЕХНОЛОГИИ, Серия "Космос"
[NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY.
"Cosmos" Series], Moscow, nos. 10-11, 1968.

Mal'khov, I. V., Krav'ko, G. - Impact recrystallization and its effect on sorption. p.129.

Mal'khov, I. V., Berezinskaia, D. G. - Equilibrium distribution of impurities between the solid and liquid phases. Part 6: Use of the forced recrystallization method in a study of the system $KCl - RbCl - H_2O$. p.137.

Berezinskaia, D. G., and others. - Effect of aoprecipitation conditions on the coefficients of intercomponent recrystallization in the systems $KCl - RbCl - H_2O$. p.145.

Mechebachovskii, V.M. - Sorption from aqueous solutions of urea on 127 strontium-90 and yttrium-91 by a type-X synthetic zeolite in a sodium form. p.151.

Orlovskii, A. D., and others. - Ion exchange fibers and fabrics. Part 1: Use of fibers and fabrics having cation and anion exchange properties for sorption of some polyvalent cations and metal-containing anions. p.155.

- Dobrolubskaya, T. S., Anikina, L. L. - Low temperature luminescence spectra in a study of the nature of the melting-out agent in extraction reactions of hexavalent chromium. p. 161.
- Focals, V. V., Potapova, B. A. - Repristation of results in the extraction of microelements of aluminum from nitrate solutions by dilute phosphoric acid. p. 167.
- Lapovskii, A. A., Kuzina, M. G. - Infrared spectra and structure of compounds which are formed in the extraction of oxalic acid by triethylamine solutions. p. 175.
- Potomova, V. M., Gulyabova, L. G., Gulyabova, D. V. - Solubility of uranyl salts in ethers. p. 182.
- Gurevich, A. M., Potokhenskiia, L. P., Molodtsova, L. V. - Complex formation in the systems $UO_2^{2+} - H_2O - EDTA - H_2O$. Part 2. Equilibrium in solution. p. 186.
- Gurevich, A. M., Oskoshina, M. P. - Study of complexing in the uranyl peroxodisulfate system $UO_2^{2+} - H_2O - C_2H_5O_2 - H_2O$. p. 203.
- Gurevich, A. M., Susorova, M. A. - Complexes of uranyl peroxide compounds. Part 2. Study of equilibria in solution. p. 211.
- Choporov, D. I. A., Chudinov, S. G. - Making for pure and saturated vapor pressure of nitrogen tetrachloride. p. 221.
- Efremova, G. A., Gurevich, M. P., Kuzina, L. V. - Study of the system $V_2O_5 - UO_2$. p. 228.
- Lebedev, I. A., Shelnina, A. D. - Study of the formation of trivalent lanthanides and actinides with ethylenediamine-bis-isopropylhydrophosphonic acid using the electromigration method. p. 232.
- Movshov, A. L., Pirogov, T. A., Voznesenskii, A. - Separation of small quantities of mercury and thallium by coprecipitation of thallium with hydroxide. p. 232.
- Solov'ov, V. B., Polubova, V. B. - Adsorption of anions from electrolyte on the surface of germanium, silicon, and quartz. p. 240.
- Alekperov, R. A., Isakov, M. M. - Extraction of the anions of radioactive isotopes using natural amphiphilic acids. p. 241.
- Brigulov, R. F., Kuznetsov, R. A. - Extraction and separation of radioactive manganese from large quantities of iron. p. 243.
- Guseva, L. L., Tikhomirova, G. B. - Separation of transplutonic elements from rare earth elements on anion exchanger in the system methanol-rhodium-alcohol-water. p. 246.
- Bogatyrev, I. O., Kaborenko, K. B. - Radiochemical analysis using ion exchange resins in mixed and azeotropic solvents. Part 2. Separation of thorium-234-cerium-144, and strontium-90 on AV-17 anion exchanger in aqueous-halogen acid and of nitric acid. p. 250.
- Mikhailovich, I. U. G., and others. - Purification of nitrates on fibroplast-4. Extraction of permanganate from irradiated potassium permanganate. p. 255.
- Bogatyrev, I. O., Kaborenko, K. B., Malysina, V. B. - Radiochemical analysis using ion exchange resins in mixed and azeotropic solvents. Part 3. Separation of conditions of anion exchange separation of some radioactive rare earth elements and yttrium-90 in aqueous-alcohol solutions and of nitric acid or metal nitrate. p. 258.
- Vodovozh, V. M., and others. - Reduction of uranyl by triethylamine in azeotropic solutions. p. 261.
- Vodovozh, V. M., Shkiba, A. L., Gulyabova, D. V. - Soluble anion complexes of uranyl in azeotropic solutions. p. 262.
- Skurtev, V. L. - Radiochemical method of determining the composition and solubility of ferric acetate, stibic, copper, cadmium, and cobalt. p. 269.
- Lavskii, L. K., Marin, A. N., Tsvetkov, A. P. - Mass spectrometric determination of relative sections of $^{133}Cs_2$ and ^{133}Cs in X_2 . p. 269.
- Kaborenko, K. B., Belkina, L. M. - Study of polynuclear anions using the amperometric-thermal method. p. 269.
- Mavrinov, V. L., Peirnsch, K. A. - Thermodynamic method for depositing an isomorphous structure. p. 271.
- RUSSIA (1952 - U. S. S. R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniia. Institut khimicheskoi tekhnologii i metallurgii. Institut khimicheskoi tekhnologii (Ministry of Higher and Secondary Specialized Education). Bulletin of the Institute of Higher Learning in Chemistry and Chemical Technology. Moscow, vol. II, no. 9, 1952.
- Table of contents translated
- Vasiliev, V. P., Vorobiev, P. M. - Effect of temperature on the stability of uranium peroxide solutions. p. 271.
- Verzhikovskii, M. M., Shokin, L. N., Kuznetsov, S. - Degree of the hydration of nitric acid in aqueous solutions of butyl alcohols. p. 278.
- Dalova, V. I., Molodtsova, M. B. - Strain and diethylphosphoric and diethylphosphoric acids in some oxygen-containing solvents. p. 280.
- Polotskova, N. A., Furman, L. A. - Amperometric determination of dye using phenolphthalein, diacid, p. 283.

- Habasho, A.S., Volodobenko, T.T. - Determination of alcohol microamounts in fine ferroemulsion films. p. 997.
- Krasov, O.A., Zverev, V.A. - Standard changes of catalytic activity of some halides and nitrates of alkali metals in dimethylformamide. p. 999.
- Speranskaya, E.F., Kartalova, V.E., Val'ko, A.V. - Determination of activation energies of the reduction process of tungsten (VI) and molybdenum (VI) on mercury cathode by the temperature-kinetic method. p. 998.
- Plakol'shteyn, A.V., Pogrebnya, V.L. - Effect of temperature on the relation between the rate constants of catalytic hydrogenation of β -aminonobenzene and value of solvchromic effect. p. 1000.
- Belov, V.T., Bogdanovskii, A.F. - Desorption of inorganic anions absorbed by anodic oxide film of aluminum during its filling process. p. 1007.
- Pokhachev, M.I., and others. - Study of the protective action and stability of quaternary ammonium salts in hydrochloric and sulfuric acids depending on their structure. p. 1011.
- Bodalkov, P.P., Saval'ev, V.G., Petrovich, I.M. - Study of the properties of cation-substituted species of Kordor vermiculite deposits. p. 1017.
- Kachurin, O.I., Mel'nikova, L.P. - Kinetics of the sulfonation of allylic acid by concentrated sulfuric acid. p. 1001.
- Neasyrova, M.D. - Physicochemical analysis of chloroacetyl formate and chloroacetyl acetate. p. 1007.
- Korotkin, V.A., Makal'mov, I.U. - Special features of the thermal decomposition of bisnitropropyl sulfide and hexa(nitrophenyl) sulfone. p. 1003.
- Kharobenko, V.G., and others. - Synthesis of some 1,6-dithianes and thioethers. p. 1030.
- Mukhlisov, V.M., and others. - Thermal decomposition of chromic anhydride and its mixture with crystal hydrate of iron sulfate. p. 1033.
- Kuzin, V.T., Bykov, I.U. - Reduction of brominating sodium sulfite by gases of propane-butane mixture pyrolysis. p. 1044.
- Koshakov, V.V., Gerasimovskii, V.I. - Stability of colloids in aqueous electrolyte and microhardness of deposits. p. 1040.
- Pedrova, N.B. - X-ray study of fluorides films on silica. p. 1051.
- Livson, Z.A., Lisova, E.D. - Effect of the preheating of dolomite on its sintering ability. p. 1044.
- Pedasev, B.D., Aramov, E.V. - Pyrolysis of propane with the use of plasma. p. 1057.
- Prokashchikov, T.I., Shkashkov, V.I., Nagol'skaya, M.D. - Synthesis and reduction of carbazole 3-sulfonamide. p. 1061.
- Luginova, T.P., Bykov, A.M. - Study of the formation process of colored polyethylene terephthalate. p. 1044.
- Rodionova, E.M., Kisev, A.F., Rabau, E.I. - Change of the structure of rubbers under the effect of high temperatures. p. 1066.
- Proskol, A.M., Shkashkov, V.I. - Method of calculation of optimum profile of temperatures in a one-dimensional reactor. p. 1073.
- Kachur, O.I., Mel'nikova, L.P. - Acidity of 99% sulfuric acid solutions with olefinic additions. p. 1075.
- Krasov, E.B., Kuzin, G.K. - Izv. Saval'evsk. Instituta na his 50-let'ye. p. 1061.
- TEORITICHESKAYA I EKSPERIMENTAL'NAYA KHIMIYA [THEORETICAL AND EXPERIMENTAL CHEMISTRY].** Organ. Otdelenie Khimii i Khimicheskoi Tekhnologii Akademii Nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 4, no. 6, Nov. - Dec. 1966.
- Table of contents translated:
- Derzhavskii, A.I., Khodimirov, G.M. - Nonadiabatic theory of electron transfer. p. 718.
- Al'stinskii, K.D. - Determination of donor and acceptor characteristics of ligands from spectral data. p. 725.
- Il'inskiy, I.M., Dadi, V.A., Lagutskaya, L.I. - Study of α -type conductivity in a system of phenylhydrazines. p. 734.
- Tilov, M.V., and others. - Study of the connection between some parameters of infrared spectra and characteristics of reactivity of carbonyl acid hydrazides. p. 742.
- Mikhlin, M.M. - Quantum effects in "electronic bar-potting" reactions. p. 751.
- Thomson, S.F., Kaminskii, V.A., Vozov, P.A. - Thermal decomposition of diazo compounds. p. 758.
- Gorodyskii, A.V., Pashov, M.V., Delikarevskii, I.U. - Relationship between double layer and faradaic impedances. p. 778.
- Shvedov, I.A.P., and others. - Stability and kinetics of disappearance of anion radicals of the nitroform series. p. 774.
- Praschev, S.B., and others. - Study of photolytic decomposition of diethyl peroxides in solid phase and the kinetics of the destruction of the formed radicals. p. 780.
- Degtyareva, A.A., and others. - Photochemical polymerization of methyl methacrylate from vapor phase on the surface of oxides. p. 786.
- Kovarskaya, B.P., Kovarskii, V.A. - Form of optical absorption lines in plane-square complexes of the type $[PtCl_4]^{2-}$. p. 797.
- Al'stinskii, K.D., Volchanskaya, L.I. - Characterization of the chemical bond in cobaltous organometallic complexes based on their absorption spectra. p. 808.
- Khrushchinskii, V.L., Farkel, L.I. - Formation of negative ions in reactions of electrons with molecules of some heterocyclic compounds. p. 818.
- Borisova, M.P. - Method of maximum overlap in supplementary conditions. p. 824.
- Osmatov, M.A., Oreshkin, V.I.A. - Mutual effect of processes of dissociation and vibrational relaxation behind shock wave front in mixture of I_2 - He. p. 829.
- Lutskii, A.E., Gorokhova, M.L. - Intramolecular hydrogen bond and dipole moments of molecules. p. 831.
- Sevina, G.K., Baboshina, T.A. - Resonance quadrupole resonance of CH_3 in organophosphorus compounds containing a PCl bond. p. 833.
- Kabo, G.I.A., Apdinskii, D.M., Karsava, S.I.A. - Computation of thermodynamic functions of alcohols with asymmetric rotors. p. 843.
- Krasovskii, S.M., Kalibabchik, V.A. - Fluorescence of anthracene dyes in alcohol solutions. p. 847.
- Spirin, I.U., L., Al'stinskii, T.S. - Determination of the rate of chain propagation contact to chain termination constant in polymerization of vinyl monomers by flash photolysis of initiator. p. 849.
- TRUDY PO KHIMII I KHIMICHESKOI TEKHNOLOGII [TRANSACTIONS OF CHEMISTRY AND CHEMICAL TECHNOLOGY].** Issued by Khimicheskoi Tekhnologii Institut Khimii Odeskenskogo universiteta im. M.I. Lobachevskogo and Odeskenskogo privyazki VKHO [Scientific Institute of Chemistry of the M.I. Lobachevskii State University and Privyazki Administration of the All-Union Chemical Society]. Odessa, no. 3(4), 1966.
- Table of contents translated:
- Kritskova, A.L., Korshakov, I.A. - Study of acrylate-lactone salts in melts. Report No. 3. p. 3.
- Kritskova, A.L., Korshakov, I.A., Gerasimov, A.F. - Study of acrylate-lactone salts in melts. Report No. 4. p. 7.
- Kritskova, A.L., Korshakov, I.A. - Types of phase diagrams and complex formation of salts in melts. p. 11.
- Molodtsov, S.M. - Solid phases in the ternary system $MgCrO_4 - (Mg,Fe)CrO_4 - H_2O$. p. 20.
- Molodtsov, S.M. - Study of solubility in the ternary system $MgCrO_4 - NaClO_4 - H_2O$ at 25, 50 and 75°C. p. 27.
- Groshev, G.L., Dacov, E.M., Eshchinskaya, V.A. - Solubility of hydrogen chloride in the double salt $NaAlCl_4$. p. 30.
- Makal'mov, V.P., Shushakov, V.A. - Heterolytic decomposition of organic peroxide compounds. Report No. 2. p. 24.
- Makal'mov, V.P., Shushakov, V.A., Kishina, V.A. - Heterolytic decomposition of peroxide compounds. Report No. 3. p. 42.
- Makal'mov, V.P., Shushakov, V.A. - Heterolytic decomposition of organic peroxide compounds. Report No. 4. p. 50.
- Makal'mov, V.P., Shushakov, V.A., Shushakov, V.A. - Heterolytic decomposition of peroxide compounds. Report No. 5. p. 58.
- Bril'ina, T.G., Shushakov, M.H., Shushakov, V.A. - Organometallic peroxide compounds. Report. No. 7. p. 67.
- Bril'ina, T.G., Shushakov, M.K., Shushakov, V.A. - Organometallic peroxide compounds. Report No. 8. p. 74.
- Andrianova, A.V., and others. - Decomposition of peroxide acid in aqueous solution. p. 84.
- Korshakov, I.M., Palkiev, U. - Separation of beryllium from copper. p. 91.
- Korshakov, I.M., Movilova, A.M. - Coprecipitation of beryllium, zinc, and lead with yttrium hydroxide. p. 95.
- Korshakov, I.M., Chel'skaya, S.F. - Reaction of hexamethylolmelamine with lead salts. p. 99.
- Korshakov, I.M., Chel'skaya, S.F. - Separation of lead from aluminum, zinc, and cadmium with hexamethylolmelamine. p. 103.
- Korshakov, I.M., Rodionova, Z.M. - Composition of the reaction products of formalin with aromatic amines. p. 107.
- Lipina, T.G. - Chromatographic separation of phenols. p. 111.
- Rusakov, A.A. - Colorimetric determination of cyanide chloride in the air. p. 118.
- Rusakov, A.V., Krasovskii, D.M., Chel'skaya, M.A. - Effect of polymerization conditions on free (relaxation) viscosity and conditionally instantaneous modulus of polymers having methyl methacrylate. p. 123.
- Rodionova, I.M., Miliarova, P.D. - Effect of pH on the anionic polymerization of vinyl chloride. p. 126.
- Tapalakov, M.M., Kishina, A.E., Zilberman, B.M. - Anionization of polyvinyl chloride. p. 133.
- Shvach, R.P., Koshlars, I.B., Potomskaya, M.B. - Catalytic properties of aqueous solutions of vinyl acetate copolymer with maleic anhydride. p. 139.
- Zabotin, K.P., Roshchinskaya, M.M. - Study of aging of polymethyl acrylate and of film formation from it. p. 144.
- Tumazova, M.K., Kuznetsova, L.V. - Reaction kinetics of triphenyltin chloride with hydrogen peroxide. p. 153.
- Kedarkina, V.M., Zoria, A.D. - Decomposition of azides by heat. p. 161.
- Rudakovskii, M.K., Melnikova, D.E. - Spectrum analysis of germanium and silicon using diamond in a hollow cathode. p. 168.
- Drakshov, A.L., Rudakovskii, M.K. - Effect of oxidation processes on absorption from aluminum-alloy alloys on the intensity of spectral lines. p. 171.
- Zharov, V.V., Rudakovskii, M.K. - Spectroscopic investigation of the hydrogen bond between N-phenyl-sulfonamide molecules in carbon tetrachloride solution. p. 176.
- Tumazova, A.A., Ostrova, M.I. - Determination of minute amounts of a substance by microbiological method. p. 180.
- Korshakov, I.M., Zagladskaya, M.V. - Adsorption of acetone on filter paper. p. 185.
- Korshakov, I.M., Zagladskaya, M.V. - Description of acetone on filter paper. p. 186.
- Korshakov, I.M., Rodionova, Z.M., Gerasimov, A.F. - Concentration of microamounts on crystalline from dilute solutions. p. 190.
- Solov'ov, V.P., Lobashov, K.A. - Study of the composition and purification of waste waters from manufacturing of suspension polyvinyl chloride. Report No. 1. p. 199.
- Solov'ov, V.P., Lobashov, K.A. - Study of the composition and purification of waste waters from manufacturing of suspension of polyvinyl chloride. Report No. 2. p. 204.
- Kir'san, B.V., Gorbova, K.I. - Catalytic oxidation of acetone to acryloic acid in gaseous phase. p. 218.
- Solov'ov, M.A. - Preparation and some properties of lithium-carrying and lithium-butyl peroxide. p. 218.
- Korshakov, I.A., Novotarov, M.F., Lukutov, A.A. - Study of the diffusion of methyl alcohol in polyacrylonitrile. Report No. 1. p. 219.
- Pavlov, A.M., Kiselev, Z.I., Agafonov, I.I. - Preparation of gallium hydride films. p. 224.
- Pavlov, A.M., Kiselev, Z.I., Agafonov, I.I. - Synthesis of monochloroethane. p. 226.
- Al'stinskii, I.U.A., Solov'ov, B.V., Korshakov, I.M. - Synthesis of asymmetric alkyl triethyltin peroxide. p. 228.
- Grigorenko, S.S., Titov, V.A. - Synthesis of triethyltin carboxylates. p. 230.
- USPEKHI KHIMII [PROGRESS IN CHEMISTRY].** Issued by Akademiya Nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 57, no. 7, July 1968.
- Table of contents translated:
- Kachur, O.I., and others. - Organophosphorus compounds. p. 1181.
- Kol'tsov, I.U.A., Koshlov, V.V. - Structure of organic oxygen compounds of sulfur. p. 1183.
- Petrov, K.A., Parshina, V.A. - Hydroxyalkylphosphines and hydroxyalkylphosphine oxides. p. 1185.
- Kachur, O.I., Kiselev, M.B. - Nitrosylation of olefins. p. 1185.
- Al'stinskii, I.U. - Chemistry of aziridines. p. 1188.
- Rodionov, S.V., Davanov, V.A. - Chromatographic splitting of racemates as asymmetric sorbents. p. 1227.
- Berezina, V.G. - Gas chromatographic methods for studying the kinetics of liquid-phase reactions. p. 1242.
- VYSOKOMOLEKULARNYE SOYEDINENIYA [MACROMOLECULAR COMPOUNDS].** Issued by Akademiya Nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 4, no. 1, Jan. 1967.
- Table of contents translated:
- Korotkin, D.Sh., Kishina, R.P. - Mechanism of the vulcanization of nitrile rubber. p. 2.
- Korotkin, D.Sh., Kishina, R.P. - Aging of acrylonitrile rubber. p. 8.
- Rode, V.V., and others. - Studies in the series of olefin polymers. Part 2: Some physicochemical properties of olefin polymers based on 8,9'-methylene-bis-sulfolene aldehyde. p. 18.
- Korshakov, V.V., Rogozhin, S.V., Volkov, V.I. - Study in the field of coordination polymers. Part 8: Metal-containing polymers based on aliphatic dicarboxylic α,ω' -dihydroxydicarboxylic and α,ω' -dihydroxydicarboxylic acids. p. 20.
- Tikhonov, B.I., Al'stinskii, A.L., Klopova, L.A. - Crystallinity of hydrogenation products of cis-1,4-polybutadiene. p. 26.
- Rodionov, V.G., Kiselev, A.G. - Synthesis of linear dimethylmethacrylate polymers by the method of the copolymerization of cycloolefins. p. 30.
- Lipatov, I.U.B., Khoroshko, R.P. - Study of the interaction of polymers with fillers. Part 3: Thermomechanical properties of polystyrene filled with fibreglass. p. 37.
- Shkashkov, A.L., and others. - Protonic and aprotic mechanism of the polymerization initiated by potassium amide solution in liquid ammonia. p. 42.
- Dopel'man, B.A., Pavlov, M.M. - Study of the vulcanization in the presence of diphenylguanidine. Part 2: Thermal decomposition of diphenylguanidine and its reaction with sulfur at vulcanization temperatures. p. 52.
- Korshakov, V.V., and others. - Phosphorus-containing polymers. Part 17: Esterolysis polyesters of vinylphosphonic acid and some dihydroxy compounds. p. 58.
- Kiselev, S.S., and others. - Kinetics of disappearance of free radicals in irradiated polyvinyl chloride. p. 64.
- Barinov, G.M., Kiselev, I.U.V. - Temperature-frequency dependence of deformation and mechanical losses of rubber-like polymers under periodic loading conditions. p. 68.
- Borisov, S.M., Karim, A.V., Malyukova, I.A. - Ethylene oxide elastomers. Part 3: Methylalkylsiloxane rubbers. p. 74.
- Shvach, R.P., Darsvinskaya, V.A., Rogozhin, S.V. - Study of comparative reactivity of primary and secondary hydroxyl groups of alcohols in methylation reactions. p. 80.
- Stepanovich, A.D., Mikhov, M.A., Bartschuk, A.L. - Effect of colloidal platinum on kinetics and mechanism of initial block polymerization of styrene. Part 1: p. 86.

- Tarasov, A. P., Roda, V. V., Radchik, E. G. - Studies in the series of chalcide polymers. Part 3. Some polymers of 5,5'-methylene-bis-salicyl aldehyde with nitrile. p. 91.
- Orlov, I. A., and others. - Filled polymers. Part 5. Introduction of condensed benzonitrile into polyacrylonitrile. p. 95.
- Vladimirov, P. A., Odiasova, P. P., Salter, A. A. - Effect of the nature of sensitizers on the rate of styrene polymerization and decomposition of peroxides. p. 98.
- Mikheev, V. E. - Synthesis of linear and linear cyclic organosilicon compounds with phenylsulfonamido chains of molecules. p. 100.
- Duranholin, N. K. - Mechanical degradation of polyethylene and polymethyl methacrylate in the presence of different acceptors. p. 100.
- Alkashin, V. G., Frenkel, S. I. A. - Selective interactions in polymer chains. Part I: Hydrodynamic properties and solubility of 51 copolymer of methyl methacrylate and methacrylic acid. p. 100.
- Kozlov, P. V., Anisimov, R. M., Peredel, A. N. - Studies in the field of polycarbonates. Part 4. Plasticization of polycarbonates. p. 104.
- Thong Han-ming, Kolesnikov, G. E. - Carbonization polymers and copolymers. Part 30: Synthesis of graft copolymers containing polyacrylamide side branches. p. 130.
- Kochergin, S. M., Barabanov, V. P. - Study of non-aqueous solutions of polymer electrolytes. Part I. Viscometric study of copolymer solutions of polyacrylonitrile and its derivatives. p. 134.
- Tonger, A. M., and others. - Study of decyribromate acid by the electron microscopy method. Part I. Molecular morphology of decyribromate acid produced by different methods. p. 144.
- Tonger, A. M., and others. - Study of decyribromate acid by the electron microscopy method. Part II. Change of molecular morphology of decyribromate acid under the effect of ionizing radiation. p. 143.
- JOURNAL KHORGANICHESKOK KHIMI [JOURNAL OF INORGANIC CHEMISTRY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 12, no. 2, Feb. 1968.
- Table of contents translated
- Gel'fand, G. L., Gorkhin, D. A., Timofeev, B. I. - Determination of bands of formation of FeCl_4 , HFeCl_4 , and FeCl_3 . p. 307.
- Antipin, L. M., Sobolev, E. S., Mironov, V. F. - Reaction of germanium tetrachloride with potassium or sodium borohydride. p. 313.
- Krivtsov, M. V., Romanovskii, V. I. A. - Bands of formation of solvates of perchlorates of manganese, iron, cobalt, nickel, copper, mercury, and beryllium. p. 317.
- Borisova, L. V., Rishchikov, D. I., Markova, T. I. - Isonitric compounds in sulfuric acid solutions in the presence of reducing agents. p. 321.
- Takova, M. V., and others. - Ammonium "bisulfates" and hydrolysis of urethane trioxide. p. 328.
- Boleko, T. V., Khaliplina, O. B., M. L. P. - Sodium hydroxide obtained in the system $\text{Na}_2\text{O} - \text{Fe}_2\text{O}_3 - \text{H}_2\text{O}$. p. 334.
- Kalashov, E. S., Mikhaleva, V. I., Stepanova, K. V. - Reactions of decomposition with oxides and oxides of silicic acid. p. 343.
- Shala, I. A., Andruschenko, L. P. - Reaction of trivalent iron with sodium triphosphate in aqueous solutions. p. 347.
- Alkashin, V. G., Panyush, A. N., Kiselev, D. A. - Acetylacetonates of lanthanum and cerium molybdenum. p. 353.
- Kharitonov, I. A., Sankhasev, M. A. - Infrared absorption spectra of zinc chloride hydroxylamine complexes and normal vibrations of hydroxylamine coordinated in the form of hydroxylamine. p. 364.
- Glinkin, I. A., Kiselev, E. S., Ignat'yev, L. D. - Reaction of phosphorus oxychloride with molybdenum oxytrichloride and molybdenum oxytrichloride. p. 367.
- Rishchikov, D. I., Vagins, M. S., Fakina, L. E. - Study of products of the reaction of rare earth oxides with ammonium chloride aqueous solutions. p. 370.
- Andreev, S. M., and others. - Complex formation in systems salt of $\text{M}^{III} - \text{HCl} - \text{H}_2\text{O}$. p. 374.
- Opalovskii, A. A., Samoilov, P. P. - New method for synthesis of salts of the MgSO_4 type. p. 378.
- Fedorov, V. A., Samosova, M. P., Mironov, V. E. - Effect of temperature on formation of bromide complexes of bivalent lead in aqueous solutions. p. 382.
- Andreev, S. M., and others. - Complex formation in the systems $\text{Ni}(\text{ClO}_4)_2 - \text{HBr} - \text{H}_2\text{O}$ and $\text{Ni}^{II} - \text{HI} - \text{H}_2\text{O}$. p. 389.
- Lobanov, R. L., Vlasov, A. I. - Complex compounds of rare earth nitrates with 4,4'-dipyridyl. p. 393.
- Alkashin, V. G., Zaitsev, L. M., Shukina, T. M. - Zirconium sulfate compounds. p. 400.
- Shchegolev, A. I. - Composition of uranium sulfate complexes formed in polarographic reduction of uranyl ions in sulfuric acid solutions. p. 404.
- Liliev, I. E., Bachvalov-Silva, L. K., Ganeva, I. V. - Reaction of bismuth hydroxylamine with sodium hydroxide solutions. p. 412.
- Vydro, G. A., Morozova, T. V., Moroz, I. Kh. - Synthesis of anhydrous polymers. p. 417.
- Berol, S. I., Vostresenskaya, M. K. - Reaction of sodium metaphosphate with aluminum oxide. p. 421.
- Narmakova, A. K., Narmakova, I. A., Narmakova, T. M. - Reaction of sodium metaphosphate with orthophosphoric acid. p. 424.
- Pechen, A. I., Stevits, E. M., Levin, A. F. - Sodium salts of borotrichlorohydrate acids. p. 434.
- Bedimov, S. K., Strukov, O. G. - Study of complex compounds of 1,4-dioxane-1-oxide cis- and trans-isomers with CuCl_2 and CuBr_2 . p. 438.
- Karabakov, V. P., Ostrov, O. A., Kovalenko, K. M. - Chelate compounds of copper with some β -aminovinylketones. p. 441.
- Kozlov, V. P., Kozlov, M. V. - Kinetics of the reduction of AuBr_3 by oxides and thioacetate ions. p. 447.
- Koksherich, L. L., Bazarovskii, V. D., Butik, A. I. - Structure of chlorophyll and its metal derivatives. p. 454.
- Kul'ba, F. I. A., Baranov, A. V., Varslavskii, I. B. - Infrared absorption spectra of ethylenediamine complexes of trivalent thallium. p. 457.
- Kharitonov, V. A., Romanovskii, E. D. - Determination of composition and stability constants of complex compounds of acetylacetonate with organic ligands. p. 461.
- Kozlov, E. V., Krylov, V. M., Pashchenko, M. F. - Application of cryoscopy in electrochemical studies for studying polymerization and complexing of lanthanide uranium and strontium ions in aqueous solutions. p. 467.
- Perminov, P. S., and others. - Behavior of trivalent actinides in organic solutions. p. 472.
- Borisova, L. A., Kiselev, V. V., Spitsyn, V. I. - Complex compounds of trivalent chromium with nitro ligands. p. 478.
- Mal'tsev, V. F., and others. - Study of complex formation in the systems ligand-pyrocatechol violet and nitrobenzene-pyrocatechol violet. p. 483.
- Shapiro, E. I. A., Karov, E. G., Kiselev, V. V. - Tungsten oxalate complex compounds. p. 487.
- Grigor'eva, V. V., Tikhonov, S. M. - Complex compounds of trivalent iron with hydroxy acids. p. 492.
- Grigor'eva, V. V., Tikhonov, S. M. - Reaction of bivalent cobalt and nickel compounds with some hydroxy acids. p. 493.
- Babko, A. E., Loria, M. V. - The ternary complex iron-ethylenediamine-trisulfate acid - hydrogen peroxide. p. 500.
- Bauer, A. I., Ivanov, V. M., Pechen, E. I. - Spectrophotometric study of the reaction of bivalent cobalt with 4-(2-pyridylazo)-resorcinol. p. 511.
- Fridman, I. A., Levin, M. G. - Formation of nitro nickel anions in aqueous solution. p. 514.
- Prokof'eva, I. V., Bakanova, A. E. - Reaction of sodium chlorochromate with formic acid. p. 523.
- Zaglova, Z. G., Goryshch, M. A., Sokolova, E. I. - Solubility of germanium chloride in sulfuric acid. p. 530.
- Kopylov, M. I. - The system $\text{MgSO}_4 - \text{H}_2\text{O}$ and thermal dehydration of $\text{MgSO}_4 \cdot \text{H}_2\text{O}$. p. 530.
- Opalovskii, A. A., Bataev, E. E. - The system $\text{HfF}_6 - \text{H}_2\text{O} - \text{H}_2\text{O}_2$. p. 533.
- Dylova, L. N., and others. - The systems $\text{HfF}_6\text{PO}_4 - \text{HCl} - \text{H}_2\text{O}$ and $\text{CeF}_6\text{PO}_4 - \text{HCl} - \text{H}_2\text{O}$ at 25°C. p. 540.
- Stepina, E. B., Vlasova, I. V., Pishchikov, V. E. - The system $\text{KCl} - \text{HClO}_4 - \text{HCl} - \text{H}_2\text{O}$ at 25°C. p. 544.
- Zharavlev, E. F., Khafizov, O. G. - Systems $\text{MgCl}_2 - \text{KCN} - \text{H}_2\text{O}$ and $\text{K}_2\text{SO}_4 - \text{KCN} - \text{H}_2\text{O}$. p. 549.
- Trifunov, G. V., Bakharev, V. I., Gorkhin, D. A. - System $\text{GeO}_2 - \text{H}_2\text{O} - \text{H}_2\text{O}_2$ at 25°C. p. 553.
- Bergman, A. G., Vilkova, L. V. - The system potassium carbonate-dichloride potassium phosphate-water. p. 557.
- Bedimov, S. K., Grigor'eva, E. A. - System $(\text{NH}_4)_2\text{CO}_3 - \text{MgCO}_3 - \text{H}_2\text{O}$ at 25°C. p. 562.
- Shchegolev, V. G., Ushakov, I. V. - System $(\text{NH}_4)_2\text{SO}_4 - \text{RbSO}_4 - \text{H}_2\text{O}$ at 25°C. p. 566.
- L'vovich, B. I., Vol'kova, V. V. - Systems $\text{MgSO}_4 - \text{CaSO}_4 - \text{H}_2\text{O}$, $\text{MgSO}_4 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$, and $\text{MgSO}_4 - \text{CaSO}_4 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$. p. 570.
- Shklov, T. A., and others. - System $\text{Li}^+ - \text{K}^+ - \text{SO}_4^{2-} - \text{CO}_3^{2-} - \text{H}_2\text{O}$ at 25°C. p. 578.
- Kozlov, E. V., Samosova, M. P. - Melting diagram of the system sodium borohydride-sodium. p. 580.
- Grybochikov, I. M., Vostresenskaya, M. K., Prokashin, P. I. - System $\text{CO}(\text{NH}_2)_2 - \text{NaNO}_3 - \text{KNO}_3$. p. 582.
- Arshinov, S. M., Kiselev, E. I., Revinskii, T. V. - System $\text{RbCl} - \text{RbClO}_3 - \text{H}_2\text{O}$ at 0, 25, and 50°C. p. 587.
- Rishchikov, D. I., Vagins, M. S., Kozlov, V. G. - Solubility of oxalate and dysprosium borohydride in aqueous acids. p. 594.
- Kiselev, D. E., and others. - Reaction of rhodium heptoxide with alcohols. p. 599.
- Zelenkov, V. V. - Magnetics of substituted arylacetylenes of bivalent copper. p. 601.
- Deok, B., Petre, F. - Thermal decomposition of bromates of some bivalent metals. p. 602.
- Vagins, M. S., Fakina, L. E. - Study of products of the reaction of rare earth oxides with ammonium sulfate solution. p. 604.
- Opalovskii, A. A., Khaldoshid, K. A. - Molybdenum chlorochromates. p. 606.
- Lazarev, L. M., Khvorostin, I. A. - Determination of stability constants of trivalent ruthenium sulfate complexes. p. 594.
- Vaisel'd, M. I., Shchegolev, V. G. - System $\text{Li}_2\text{Cl}_2 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$ at 75°C. p. 600.
- Talakov, T. D., Bakhtiev, V. F., Chudakov, O. I. - Thermodynamic analysis of three-component solid solution with spinel structure in the system manganese-iron-aluminum-oxide. p. 603.
- JOURNAL STRUKTURNOK KHIMI [JOURNAL OF STRUCTURAL CHEMISTRY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 8, Nov.-Dec. 1968.
- Table of contents translated
- Vdovskiy, V. M., Gorbunov, I. V., Legin, M. K. - Thermodynamics of the two-structural model of water. Part I: Structure of heavy water. p. 818.
- Mashovets, V. P., Barov, M. M., Zavadskii, O. E. - Vapor pressure over congruently melting crystalline hydrates and their solutions. Report No. 1: $\text{LiNO}_3 \cdot \text{H}_2\text{O}$ and $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$. p. 828.
- Kudakov, G. M., and others. - Some effects of the influence of a methyl group in alkyl α -electron radicals. p. 830.
- Valiev, E. A., Beldinov, M. M. - Attenuation of the spin echo signals by means of a diffusion of particles in magnetic fields with variable gradients. p. 834.
- Iul'net'ev, E. M. - Nuclear magnetic relaxation in the liquid specified by molecular interactions of nucleon spins. Part 3: Quadrupole relaxation. p. 841.
- Bakhtiev, V. M., and others. - X-ray study of osmium oxide OsO_3 . p. 861.
- Kudakov, G. M., Alorin, L. G., Porai-Koshits, M. A. - X-ray structural study of dichloropyridine. p. 864.
- Pakhomov, V. I., Khaldoshid, K. A. - The structure of crystals $\text{trans-ClO}_2 - \text{CH}_3\text{Cl}$. p. 866.
- Gerasim, K. D., Dzhurina, M. E. - Magnetic moments of some actinide analogs of ferrocene. p. 880.
- Levin, A. A., Byrka, I. A., Dzhurina, M. E. - Chemical bond in crystals with the structures of antiferroite and valence possibilities of negative ions. p. 870.
- Makhlavskii, A. A. - Applying the statistical theory to the evaluation of change of chemical bond at the surface area of ionic crystal. Part 2: Polarization (surface distortions) in the area of edge and rll. p. 874.
- Romanov, G. V., Spiridonov, V. P. - Electron diffraction study of vanadium pentachloride molecule in vapors. p. 882.
- Vilkov, L. V., and others. - Electron diffraction study of acetoacetic molecules. p. 883.
- Romanov, G. V., Alekseyev, M. V. - Structure of the molecule of diethylmalonate. p. 886.
- Tikhonov, S. M., Dzhurina, M. E. - Analysis EPR spectra of Mn^{2+} ions in synthetic solutions in the frequencies 8500 and 37500 megacycles. p. 886.
- Kharitonov, I. A., Bakhtiev, M. L., Belov, M. V. - Structural type of $\text{Th}_2\text{P}_2 - \text{La}_2\text{P}_2$. p. 889.
- Kharitonov, I. A., Borisov, S. V. - Crystal structure of glaucite $\text{CaMg}_2(\text{SO}_4)_2$. p. 892.
- Abdullayev, G. E., Mamedov, E. S. - Mg-diborate $\text{Mg}_2\text{B}_2\text{O}_7(\text{OH})_2 \cdot 6\text{H}_2\text{O}$ as metastable member of the system $\text{MgO} - \text{B}_2\text{O}_3 - \text{H}_2\text{O}$. p. 895.
- Trunov, V. E., Kovba, L. M. - Structure of ThO_2 . Th_2O_3 . p. 894.
- Agre, V. M., Shagan, E. A., Radchik, E. G. - Structure of alkali compounds with metal - sulfur bond. Part I: Crystallographic data for some alkylidithiocarbamate of bivalent metals. p. 897.
- Lukov, I. V. - Crystal structure of arylamide. p. 898.
- Avotina, R. E., Chuprovskii, I. A., Struchikov, I. T. - X-ray study of α -cyclopentadienyl-triphenylphosphine-monoacetyliron- α -phenyl-iron. p. 900.
- Mikheev, M. Kh., and others. - Structure of iodide α -allyl-triisobutyl-iron. p. 903.
- Mikheev, M. Kh., Gubin, E. P., Struchikov, I. T. - Structure of α -allyl- α -cyclopentadienyl-palladium. p. 906.
- Levin, A. A., Byrka, I. A., Dzhurina, M. E. - Semi-empirical selection of parameters in a description of a structure of valence band of group IV element by the method of equivalent orbitals. p. 907.
- Makhlavskii, M. V. - Inapplicability of the rule of polarity alternation to odd alternant systems. p. 909.
- Popov, M. A. - Mechanism of the flexibility of chains of inorganic polymers. p. 910.
- Shala, E. S., Tarasov, A. I. - Some geometric calculations of structural analysis by computers. p. 912.
- Kordil, P. M., and others. - Program for energy calculation of intermolecular interaction in crystals by means of the electronic computer "Boson". p. 914.
- Morkh, I. U., Makhlavskii, L. E. - Calculation of the coefficients of secondary extinction for spherical shape crystals. p. 918.
- Brasovskiy, F. A., Rabeev, A. M. - Program of the calculation of values σ and factors of polarization and Lorentz LP on Algol-68 language. p. 918.

Bokil, G. B., Kravchenko, V. B. - Crystallochemical classification of borates. p. 990.

a. MATHEMATICS

AKADEMIA NAUK ARMIAŃSKOJ SER. Khimii, Israelia. Matematika [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Mathematics]. Yerevan, vol. 3, no. 3, 1968.

Table of contents translated

Dzhirzhalian, M. M. - Extension of the quasi-analytic Denjoy-Carleman classes. p. 171.
Petrovskii, L. A. - A class of games of kind. p. 240.
Vlasovskii, O. P. - Distribution of the maximum length of a queue in a single-line queueing system. p. 297.

AKADEMIA NAUK SSSR. Matematicheskii Institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute. Transactions]. Moscow, vol. 14, 1968.

Table of contents translated

Ishkhani, V. A. - Specialization of the form of derivation in the calculus of predicates with equality and functional symbols. Part 1. p. 5.
Kantor, S. I. U. - Inverse method for determining the derivability of logical calculus. p. 25.
Mints, G. P. - On some calculus of modal logic. p. 35.
Mints, G. P. - On the construction of conservative logical deductions. p. 112.
Mints, G. P. - Decidability of the derivability problem in L.J. calculus for a class of formulae not containing negative atomic formulas. p. 121.
Orlov, V. P. - On Gelfand's classes of sequences. p. 137.
Pisotskii, R. A. - The sequential variant of a criterion in constructive logic for normal formulas which does not contain constructively defined. p. 155.

Vol. 108, 1968.

Contents: Rozanov, I. A. [Gaussian infinite-dimensional distributions] Gaussovskie boeznachennostnyye raspredelenia. 123 p.

CHIKHOSLOVATSKII MATEMATICHESKII ŽURNAL, [CHIKHOSLOVAK MATHEMATICAL JOURNAL]. Issued by Matematicheskii Institut Chikhoslovatskoi akademii nauk [Institute of Mathematics of the Czechoslovak Academy of Sciences]. Prague, vol. 18(53), no. 4, 1968.

DIFFERENTIAL'NYE URAVNENIYA [DIFFERENTIAL EQUATIONS]. Minsk, vol. 4, no. 11, Nov. 1968.

Table of contents translated

Rukhailo, K. S. - Problems of the existence of a corner. p. 1031.
Klovov, I. U. A. - Solvability of boundary value problems satisfying Bernstein's conditions. p. 1039.
Matarov, M. A. - Methods for approximating trajectories to a singular point. p. 1049.
Ploshko, V. P. - Degenerate linear differential equations. Part 2. p. 1048.
Tbiluk, Z. R. - Stability of Volterra equations. p. 1047.
Larson, M. G. - Stability of an automatic control system with variable structure. p. 1050.
Pleshchinskii, I. I. - Conditions for the isochronism of systems of two differential equations. p. 1074.
Trubitsyn, N. I. - Criterion of the stability of linear systems with variable coefficients. p. 1084.
Sukovskii, A. P. - The cooler and focus problem. p. 1091.
Kiriashenko, M. P. - Stability of motion at continuously acting finite perturbations. p. 1100.
Ishkhani, V. A. - Existence of solutions for a system of differential equations along the whole line and Liapunov's functions. p. 1105.
Prokopenko, V. P. - Stability of systems with aftereffects in the critical case of two zero roots. p. 1107.
Kanyan, I. I. - Smoothness of heat potentials. Part 6. Heat potentials P and Q on surfaces of the type $L^{m+1, \alpha}$, $\alpha \in \mathbb{R}$ and $L^{m+1, \alpha}$, $\alpha \in \mathbb{R}$, $\alpha \in \mathbb{R}$, $\alpha \in \mathbb{R}$. p. 1104.
Rozanov, A. G. - Equations of the first kind. p. 1064.
Rozanov, M. I. - Solution of a nonlinear problem of the dynamics of the atmospheric boundary layer. p. 1061.
Dzhuravskii, T. D. - Systems of equations in the theory of a boundary layer for steady flow of an incompressible liquid. p. 1068.
Bartaliev, K. B. - Approximate solution of linear integral equations of mixed type with delayed argument using a variant of I. D. Sokolov's method. p. 1064.
Izrael, O. M., Ryzhov, V. L., Armutov, V. K. - Solution of a class of boundary value problems with mixed boundary conditions for regions of complex shape. p. 1068.
Lomskovskii, A. N., Vasilenko, A. P. - Solution of Volterra type integral equations using a Runge-Kutta type method. p. 1094.
Lobodinskii, I. G. - Boundary value problems for Mathieu's equations of higher order. p. 1103.
Dzhanaliev, I. A. - An approximate method for solving a three-dimensional Dirichlet problem. p. 1111.

LATVIAN MATHEMATICAL YEARBOOK [LATVIAN MATHEMATICAL YEARBOOK]. Issued by Latvian Pasaulespilsētas universitāte and Akadēmiskā institūta Latvian SSR [Latvian State University and Academy of Sciences of the Latvian S.S.R.]. Riga, no. 4, 1968.

Table of contents translated

Baltus, M. M. - Sufficient conditions of optimality. p. 2.

Berezina, L. A. - Derivative points and surfaces of families of planes in A_n -space. p. 33.
Ortberg, E. - Planar homogeneous graphs of degree three without Hamiltonian cycles. p. 51.
Dental, J. - Properties of some polynomials linked with matrices of cycles and cuts of graphs. p. 59.
Kishinev, E. K. - Crystallization of a binary eutectic alloy. p. 73.
Kishinev, E. K. - Crystallization of a binary alloy forming a solid solution. p. 131.
Kishinev, E. K., Krasova, A. - Concave piecewise-polynomial interpolation. p. 149.
Kishinev, T., Dedova, V. - Statistical studies of sequences in melodies. p. 155.
Laptev, G. I. - Linearization of some operator equations nonlinearly depending on the parameter. p. 175.
Levi, B., Klovov, K., Arak, E. - Translator from an abridged and somewhat complicated ALGOL (MIAAT). p. 187.
Lapin, A. - A priori estimates for an ordinary differential equation of the second order. p. 205.
Lapin, A. - Differential inequalities and generalized Bernstein conditions. p. 209.
Lapin, A. - Existence of the solution of a nonlinear boundary value problem for an ordinary differential equation of the n-th order with a singularity at the ends. p. 211.
Lapin, A., Vlasovskii, L. - Generalized Bernstein conditions for systems of ordinary differential equations. p. 223.
Lapin, A., Lech, A. - Existence of the solution of a three-point boundary value problem for an ordinary differential equation of the third order. p. 241.
Ratkov, U. - On some extremum problems related to a linear elliptic equation. p. 247.
Ratkov, U. - A transformation of extremum problems. p. 251.
Ratkov, U. - Asymptotic decomposition of sequences generated by an iterative process. p. 261.
Ratkovskii, L. - Temperature field engendered due to the penetration of an incompressible liquid into a porous medium. p. 323.
Kishinev, V. N. - Stability of systems of stochastic differential difference equations. p. 343.
Kishinev, S. A. - Continuity of matrix operators in sequence spaces. p. 348.
Kishinev, S. A. - Stability of infinite systems of linear algebraic equations. p. 351.
Tikhonov, E. F. - Stability of linear stochastic differential equations of the second order with delay. p. 360.
Tikhonov, E. - Use of the saddle-point method in certain special cases. Part 2. p. 369.

LITUVOS MATEMATIKOS RINKINYS. LITOVSKII MATEMATICHESKII ŽURNAL [LITHUANIAN MATHEMATICAL PAPER]. Issued by Lietuvos TSR mokslinio akademijs and Lietuvos TSR mokslinio akademijos [Academy of Sciences of the Lithuanian S.S.R. and the Institute of Higher Learning of the Lithuanian S.S.R.]. Vilnius, vol. 7, no. 3, 1967.

Table of contents translated

Alutskas, A. V., Sapagovas, M. P. - Solution of the minimal surface equation using the method of finite differences. p. 173.
Alutskas, A. V. - Central limit theorem on sums of discrete renewal processes. p. 181.
Bois, M. A., Zalgaller, V. A. - Convexity of some functions connected with two-dimensional normal distribution. p. 189.
Vakratsos, B. - An anisotropic dynamic space based on repetition of the binomial game. p. 194.
Vidmanskii, I. M. - On strictly coisotropic operators. p. 194.
Guskovskii, M. G. - Lower limit for estimating the rate of convergence in a local theorem. p. 194.
Guskovskii, M. G. - Distribution function of the chord length of an oval and ovaloid and its relation to the distance distribution inside an oval and ovaloid. p. 198.
Kubala, V. P. - Is correct problems in Hilbert space for linear equations with unbounded linear operators. p. 199.
Kishinev, A. - Almost contact structures on hypersurfaces of four-dimensional euclidean space of elliptic and hyperbolic type. p. 203.
Kishinev, A. - Unstable semigroups of microbeams. p. 209.
Kishinev, T. I., Pashchinskii, A. S., Tempel'man, A. A. - Hilbert spaces of some reproducing nuclei and the equivalence of Gaussian measures. p. 210.
Kishinev, S. B. - Convergence of interpolation series. p. 217.
Oskolov, L. A. - On singular points of functions representable by Dirichlet's series. p. 223.
Pashchinskii, V. - Rhombic and rhomboidal sets in three-dimensional Euclidean space. p. 227.
Parov, A. I., Kishinev, A. V. - Theorem on the argument of almost periodic functions of several variables. p. 228.
Sapagovas, I. - Reliability of a system with stochastic processes renewal time. p. 229.
Sapagovas, V. - Probabilities of large deviations for the sum of a random number of independent random variables. p. 237.
Sapagovas, I. - Hypersurfaces of bilinear metric projective space. p. 237.
Sapagovas, I. - Some asymptotic formulas for sums of multiplicative functions and their applications. p. 244.
Kishinev, S. B. - Antagonistic games played in functional spaces. p. 247.

MATEMATICHESKIE ISSLEDOVANIYA [MATHEMATICAL STUDIES]. Issued by Institut matematiki i Vychislitel'nogo Ispolneniya Akademii nauk Moldavskoi SSR [Institute of Mathematics and Computational Center of the Academy of Sciences of the Moldavian S.S.R.]. Kishinev, vol. 2, no. 2(4), 1967.

Table of contents translated

Basurab, A. B. - On a class of WJP-loops. p. 3.
Dudman, M. A., Gorbberg, I. Ya. - Factorization problem in abstract Banach algebras. Part 1. Decomposition algebras. p. 26.
Ginsburg, I. P. - Multiplicative representations of J-nonexpanding operator (modules). Part 1. p. 53.
Glebov, M. M. - On free products of loops with a finite number of generators. p. 64.
Kishinev, A. I. - On quasi-finitary ideals. p. 86.
Kishinev, M. G. - Description of all solutions of the truncated power problem of moments and some problems affecting operators. p. 104.
Kishinev, I. M. - On primitivity. p. 113.
Kishinev, M. K. - Recurrent points and minimal sets in partially ordered discrete dynamic systems. p. 147.
Golan, I. M. - Isolated components in noncommutative rings. p. 150.
Dzhanaliev, J. - Multiplication tables for finite groups, groups and semigroups. p. 171.
Kishinev, I. M. - On extremal decompositions. p. 175.

MATEMATICHESKII ŽURNAL [MATHEMATICAL REVIEW]. Issued by Akademii nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 17, no. 2, Oct. 1968.

Table of contents translated

Marchenko, V. A. - Stability of the inverse problem in scattering theory. p. 14.
Mikhailovskii, V. M. - Metric theory of linear systems of differential equations. p. 433.
Kishinev, G. I. - Systems of pseudodifferential equations with simple real characteristics. p. 174.
Berezin, F. A., Karpavich, P. I. - Lie algebras with supplementary structure. p. 201.
Plamenetskii, B. A., Utkova, M. K. - First boundary value problem for a convolution operator in a cone. p. 222.
Oskolov, A. M. - Some characteristics of Fourier series in $L(p, \omega)$ spaces. p. 231.
Valevskii, B. R. - Analytic properties of the resolvent for a class of bundles of operators. p. 259.

Vol. 17, no. 2, Nov. 1968.

Table of contents translated

Kishinev, S. B. - Boundary value problems for degenerate elliptic equations of the second order. p. 189.
Kishinev, I. U. - Fractional-linear transformations with operator coefficients, and operator spheres. p. 206.
Dobinskii, I. U. - Quasi-linear elliptic-parabolic equations. p. 264.
Feldman, M. L. - Refined estimate of a linear form in the logarithms of algebraic numbers. p. 433.
Gosov, G. K. - New families of Mal'tsev operators. p. 437.
Kishinev, I. P. - Genesis of a periodic motion from a trajectory biexplosive to the equilibrium state of the saddle type. p. 491.

MATEMATIKA V ŠKOLAE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 8, Nov.-Dec. 1968.

MOSCOW UNIVERSITY DOKHODY MARODOV. Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions]. Vol. 23, 1967. Matematika [Mathematics]. no. 2. Applied geometry.

Table of contents translated

Ryzhov, M. M. - Skeleton theory of the coception and construction of surfaces. p. 3.
Ryzhov, M. M. - Parametrization of surfaces. p. 18.
Lakobovskii, A. M. - Some problems affecting the construction of surfaces by means of Poncelet's triangles. p. 23.
Gerasimov, I. P. - Construction of surfaces by isolating their continuous linear skeletons from multiparametric sets of lines. p. 32.
Lukina, Z. I. - Some aspects of the geometry of met-type skeletons of transfer surfaces. p. 43.
Lukina, Z. I. - Construction of special met-type skeletons. p. 53.
Lakobovskii, A. M. - Cyclic skeletons from curvature lines. p. 54.
Kishinev, A. L. - Construction of line surfaces of the third and second order from a linear congruence. p. 79.
Kishinev, A. L. - Construction of line surfaces of higher order from a rectilinear congruence. p. 95.
Rozanov, M. P. - Kinematics of the generation of a cyclic surface. p. 100.
Rozanov, M. P. - Surfaces of revolution as envelopes. p. 106.
Kishinevskii, I. O. - Construction of a developable surface based on a given directrix. p. 115.

- Troshkina, R. M. - Two fundamental extremal problems. p. 128-136.
- Ryzhov, M. M., Laksboyev, A. M., Oshchinnik, I. P. - Parametrization of the geometric conditions and an algorithm for solving a set of problems in applied geometry of surfaces. p. 136

МОСКОВСКОЕ МАТЕМАТИЧЕСКОЕ ОБЩЕСТВО.

Trudy [MOSCOW MATHEMATICAL SOCIETY. Transactions]. Moscow, vol. 18, 1968.

Table of contents translated

Platetskii-Shapiro, L. I. - Discrete subgroups of Lie groups presented on the 60th birthday of A. O. Gel'fand. p. 3.

Levin, B. V., Palishev, A. S. - Integral tho theorems for some classes of additive arithmetical functions presented on the 60th birthday of A. O. Gel'fand. p. 13.

Schikhovitskiy, A. B. - Algebraic independence of the values of some hypergeometric E-functions. p. 15.

Feldman, M. I. - Elliptic analog of A. O. Gel'fand inequality. p. 15.

Karavayev, A. A. - On an asymptotic formula. p. 17.

Barbas, M. B., Vekhov, P. P. - On an extremum problem, on the 60th birthday of A. O. Gel'fand. p. 17.

Levrik, A. F. - On an approximate functional equation of Dirichlet's L-functions on the 60th birthday of A. O. Gel'fand. p. 17.

Bunkin, L. I. - An analog of the canonical product of entire functions of several complex variables. p. 19.

Millerukhichikov, V. M. - Spectral theory of noncommutative linear systems of differential equations. p. 19.

Ioffe, A. D., Tikhomirov, V. M. - Extension of variational problems. p. 19.

Grishin, L. Sh. - Integration of continuous bounded functionals on a function space. p. 19.

СОВЕТСКИЙ АВТОМАТИЧЕСКИЙ ПРОГРАММИРОВАНИЕ.

Trudy [JOURNAL "AUTOMATION OF PROGRAMMING". Transactions]. Sponsored by Vsesoyuznyi soviet po kibernetike Akademiya nauk SSSR [Research Council on Cybernetics of the Academy of Sciences of the USSR]. Moscow, no. 1, 1968.

Table of contents translated:

Kozlov, I. I., Ilyashenko, E. L. - Problems of the organization of a computing process using electronic computer systems. p. 3.

Babitskiy, L. P., and others. - Input language COBOL for the "Dnepri-1" universal computer. p. 4.

Babitskiy, L. P., Bogach, V. D., Ilyashenko, E. L. - Fundamental principles of the construction of the translator from the COBOL language for the "Dnepri-1" universal computer. p. 10.

Babitskiy, L. P. - Method for the translation of the fields of symbols and bits to machines with fixed word length. p. 10.

Porukhina, V. M. - Saving of time in the realization of address algorithm systems. p. 17.

Abramov, M. A. - Decreasing the time of operation of one class of address algorithms. p. 18.

Abramov, M. A. - Minimization of linear address algorithms in respect to time. p. 18.

Palchikov, G. V. - The MKI-1 syntactical translator. p. 18.

Antosheva, V. M., Ilyin, M. M. - Error correcting program for the "Ural-14" digital computer. p. 18.

СОВЕТСКИЙ МАТЕМАТИЧЕСКИЙ ЖУРНАЛ [SOVIETIAN MATHEMATICAL JOURNAL].

Issued by Akademiya Nauk SSSR [Russian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 4, July-Aug. 1968.

Table of contents translated:

Aizenberg, L. A., Ilyashenko, A. P., Makarevich, L. A. - Linear convexity in C^n . p. 71.

Antoshchenko, E. A. - Isomorphisms conditions for some modular structures. p. 74.

Vasiliev, A. M. - Isotropy differential algebras. p. 77.

Vod'ko, I. A., Kibrik, L. M. - Limit problem for differential equations of the second order with retarded argument. p. 77.

Veslov, M. A. - Stability of Bubnov - Galerkin's method for first-order equations in Hilbert space. p. 78.

Vorobik, A. M., Tsvetkov, V. - Some problems concerning the approximation of the optimal value of infinite-dimensional problems of linear programming. p. 78.

Dikarev, Z. T. - Conditions for the boundedness of sets in an extended K -space. p. 84.

Dikarev, V. I. - Stability of a sphere in a class of convex surfaces of bounded specific curvatures. p. 86.

Khachaturian, S. I. - Operators of the Carleson type. p. 88.

Nekrasov, A. I., Kopylov, V. M. - Relatively convex subgroups of ordered groups. p. 88.

Kuznetsov, V. V., Semenov, A. S. - Duality of functions and duality of categories. p. 88.

Likhtshteyn, L. M. - Application of the principle of the maximum in studying certain classes of equations. p. 87.

Polovinskiy, M. B. - Series in Euler's system and functions of class $H_p(\delta)$. p. 87.

Polovinskiy, V. I. - Generalized automorphic functions. p. 88.

Polovinskiy, M. K. - Geometrical problems affecting certain median quad-groups. p. 88.

Reizikovskiy, K. G. - Uniqueness theorem for an inverse problem in heat conduction theory. Linearized case. p. 88.

Reizikovskiy, K. G. - Some estimates for almost unbiholical surfaces. p. 93.

Reizikovskiy, K. G. - Nonexpanding mappings in a space having a curvature of less than K . p. 93.

Rode, L. O., Shmukler, I. B. - Multidimensional singular integrals in classes of general higher models of smoothness. p. 93.

Savitskiy, L. A. - Some conditions of extendibility of vector measures. p. 93.

Tokarskiy, A. I. - Linear groups over rings. p. 93.

TARTU ÜLISKOOL. Vydavatel'skiy tsentr. Trudy [UNIVERSITY. Publication Center. Transactions].

No. 13, 1968.

Table of contents translated:

Kozlov, J., Tamme, E. - Algorithm for the solution of the generalized loading problem. p. 3.

Tilt, K. - Resonance without restoration. p. 23.

Karva, O. - Determining the waiting time in a branching system of queues. p. 30.

Jagel, A. - General problems of parametric linear programming. p. 34.

ТЕОРИЯ ФУНКЦИЙ, ФУНКЦИОНАЛЬНЫЙ АНАЛИЗ И ИХ ПРИЛОЖЕНИЯ [THEORY OF FUNCTIONS, FUNCTIONAL ANALYSIS, AND THEIR APPLICATIONS].

Khar'kov, no. 6, 1967.

Table of contents translated:

Zakhar'eva, V. P. - Bases and isomorphism of function spaces analytic in convex regions of several variables. p. 1.

Levin, B. M. - Expansion in eigenfunctions in a finite region. p. 12.

Fritsman, G. A. - Relation between the increase in the maximum module of an entire function and the increase in the maximum module of its generalized Borel transformation. p. 12.

Offenberg, A. A. - On a certain functional equation. p. 14.

Kalichman, V. A. - Boundary value problems involving linear conjugation for holomorphic functions in biplanar regions. p. 17.

Rabinovich, V. S. - The n -dimensional Wiener-Hopf equation for cones. p. 19.

Levin, B. M., Oshchinnik, E. L. - Continuation of Hermite positive functions defined in a strip. p. 19.

Verbitskiy, L. I. - Estimation of the remainder term in the approximation theorem of Krasovskiy-Weyl. p. 14.

Pech, I. M. - Measurability of symmetrically continuous functions. p. 19.

Troitskiy, S. M. - Conditionally converging series and some F -spaces. p. 19.

Chernovskiy, D. M. - Operator group in the problems of reduction for multipoles. p. 19.

Gostin, G. M., Lashin, D. Sh., Marichev, V. A. - A limiting case of the second boundary value problem. p. 19.

Sushkov, G. V., Khramov, K. A. - Passage of sound waves through narrow channels in a reflecting layer. p. 19.

Chislenko, V. P. - Classical solutions of boundary value problems for degenerate second-order elliptic equations in arbitrary smooth regions. p. 19.

Khramovskiy, I. A. - Exact classes of uniqueness of the solution of the Cauchy problem for second-order equations. p. 19.

Leiberman, Z. I. - Linear mappings containing a complex parameter. p. 19.

Irshay, I. L. - Quasi-analytical stochastic processes. p. 19.

Gornitskiy, V. P. - Spectrum analysis of bounded functions on a semiaxis. p. 19.

ВЫСШЕЕ МАТЕМАТИЧЕСКОЕ ОБЩЕСТВО. МАТЕМАТИКА [COMPUTER AND APPLIED MATHEMATICS].

Kiev, no. 4, 1967.

Table of contents translated:

Lashchenko, L. M. - Eigenvalues of rectangular matrices with cuts. p. 3.

Chislenko, A. A., Besednyiy, B. P. - Application of the method of secondary representations to inverse problems in perturbation theory. p. 14.

Lashchenko, M. A. - Numerical solution of the Cauchy problem for a class of nonlinear integro-differential equations. p. 14.

Belik, B. M. - On eigenvalues of a biharmonic equation for a rectangle with mixed boundary conditions on one or several sides. p. 14.

Polovinskiy, G. M., Shchegolev, A. A. - Use of the method of secondary representations in solving a biharmonic problem in the theory of elasticity for a semiinfinite and a circle with a cut. p. 14.

Chislenko, P. I. - Use of the method of secondary representations in solving some problems for a biharmonic equation. p. 14.

Vasiliukhin, A. V. - Use of the method of secondary representations in solving a mixed plane problem in the theory of elasticity. p. 14.

Kravchenko, F. G. - Representation of polynomial roots in the form of power series and infinite determinants. p. 14.

Kalashnikov, A. F. - Two-argument methods for numerical solution of nonlinear algebraic and transcendental equations. p. 14.

Dikarev, V. I., Dunaevskiy, V. I. - Solution of problems involving flexure of prismatic rods for multiply connected domains. p. 14.

Zhaldek, M. I., Kovtunen, I. S. - An iterative process for solving a linear programming problem. p. 94.

Rabinovich, I. U. - On the convergence of solution processes. p. 116.

Pilipovich, E. I., Gerdovskiy, V. K. - Computing schemes in the matrix method. p. 123.

Bobik, E. M. - Use of the method of secondary representations in determining the eigenvalues of a biharmonic equation for a rectangle with cuts. p. 136.

Lashchenko, M. A. - A highly accurate solution formula. p. 177.

Vitenko, L. V., Kozlovskiy, A. M. - Note on Poincaré's theorem on the lower bound for moduli of zeros of power series. p. 142.

Polovinskiy, G. M. - Note on the fundamental integral representation of p -analytic functions with the characteristic $p = x^k$. p. 142.

I. PHYSICS

АКАДЕМИЯ НАУК АРМЕНИИ. Исследования. Армянская Академия наук [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Physics].

Yerevan, vol. 3, no. 6, 1967.

Table of contents translated:

Bedingman, P. A., Avandzhyan, V. I. - Effect of piezoelectric oscillations of a crystal lattice on the intensity of X-ray diffraction peaks. p. 38.

Avak'yan, G. M., Kanizayev, Sh. - Concerning the theory of static volt-ampere characteristics of long diodes, operating in double injection mode. Part 2. p. 38.

Avak'yan, G. M., Kanizayev, Sh. - Theory of volt-ampere characteristics of a superlattice diode with a compensated base. Part 2. p. 38.

Vardanian, V. A. - Effect of the space charge on the stability of the form of a plasma column with free boundary. p. 40.

Bekashev, G. G., Garibay, G. M. - Theory of the secondary electron emission monitors. p. 41.

Tarkhanov, R. G. - Quantum oscillations of the Chern s. m. f. in a transverse magnetic field in a lattice-type semiconductors. p. 43.

Kolom, T. E. - Determining the thermal conductivity of liquid semiconductors. p. 43.

Dzhuravskiy, V. A. - Isotopic relations for photo-production processes. p. 44.

Korotkov, R. L., Lorkhan, M. P., Troitskiy, M. M. - Stable Al₂O₃ thin films. p. 44.

АКАДЕМИЯ НАУК СССР. Исследования. Механика сплошных тел [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mechanics of Liquids and Gas].

Moscow, no. 4, July-Aug. 1968.

Table of contents translated:

Lavrovskiy, I. M. - Some problems concerning the origin and maintenance of magnetic fields in space. p. 7.

Bogolepov, V. V., Rikhs, I. U. G., Nishan, V. A. - Calculating the flow of nonviscous radiative gas past a blunt body. p. 11.

Volosovskiy, P. D., Kordunov, S. P., Popov, I. U. P. - Effect of finite conductivity of a medium on the interaction of a shock wave with a magnetic field. p. 11.

Isaev, V. K., Ildovich, V. I. - Formation of convection in a layer of fluid with a free boundary. p. 13.

Rybnikov, I. U. I. - Some peculiarities in the solution of the H. A. Chaplygin equation. p. 13.

Belotserkovskiy, S. M. - Calculation of a flow past wings of random shape in a plane in a wide range of angles of attack. p. 13.

Burelia, A. P., Trusova, O. M., Chelyabinsk, I. P. - Calculating the flow of ideal gas around elliptical cones at large angles of attack. p. 13.

Kraiko, A. M., Starikov, V. K., Starikov, I. K. - One dimension approximation solution of a variational problem on the construction of maximum-thrust nozzle during the flow of gas with foreign particle. p. 13.

Sokolovskiy, L. A. - Hydrodynamics in weak force fields. Ring-type shapes of equilibria of a rotating fluid and their stability. p. 13.

Cherkasov, I. V. - Formation of ship waves in a fluid of finite depth. p. 13.

Grigorian, S. S., Ikhimov, I. U. L. - Motion of small size body in water in the presence of an "external flow." p. 13.

Akhmedov, B. A., Boevich, I. U. A., Rastvada, I. A. M. - Changes in motion characteristics and resistance reduction with the introduction of particles into the flow of a viscous fluid. p. 13.

Viktorov, G. W., Morgunov, G. M. - Solution of inverse problem of profile lattices on axisymmetric surfaces of curved in a variable layer. p. 13.

Vagay, B. L., Likhman, D. I. - Structure of a turbulent flow in a tube. p. 13.

Khodachenko, B. G. - Calculation of a turbulent wake behind a weak subsonic flow past a body. p. 13.

Gerasimovskiy, S. I. A. - Three-dimensional waves in boundary layer. p. 13.

Gegich, L. V. - Approximate calculation of critical pressures of joining and separation of turbulent boundary layer in a hypersonic flow. p. 13.

Belitskiy, S. M. - Calculating a laminar boundary layer on the spreading out line of the frontal surface of a segmental body in a supersonic flow. p. 13.

Bohdanov, M. M., Gorina, A. M. - Solution of a problem. p. 13.

- on a supercritical localizable jet is a concurrent flow by the difference method. p. 114.
- Girshovich, T.A. - Fan turbulent jet in a drift flow. p. 118.
- Chuev, V.M., Kilmira, T.V. - Flow in streams discharged by insufficiently widened jets. p. 121.
- Shcherbakov, I.S. - A case of analogy in supersonic aerodynamic wing characteristics. p. 126.
- Lifshits, I.U.B. - Transonic flow past slender bodies. p. 129.
- Voskresenskiy, G.P. - Numerical solution to the problem of supersonic gas flow past a random surface delta wing in the area of compression. p. 134.
- Ustinov, M.D. - Some one-dimensional flows of an ideal gas carrying shock waves. p. 142.
- Hoffman, E.G. - Flows with subsonic periodicity on a shock wave. p. 149.
- Zaklad, B.M. - Effect of initial variable density on the motion of a shock wave. p. 153.
- Malkin, G.I. - Vortices behind the main shock wave. p. 162.
- Arshonov, G.M. - Damping of a shock wave against a wedge which is moving at supersonic velocity. p. 168.
- Ivanova, B.V., Ivanenko, I.M., Il'yanov, I.U.I. - Comparing solutions to the Boltzmann kinetic equation in a Knudsen layer. p. 167.
- Larina, I.M. - Density field around a cone in a free molecular flow. p. 173.
- Gushkov, I.U.M. - Resistance of fibrous filters in a free molecular flow. p. 178.
- Nemovskiy-Kogut, G.S. - Role of radiation in the formation of solar wind. p. 182.
- Danilov, B.I., Morikov, L.V. - Nonstationary supersonic flow past a cone with a disklike shield. p. 184.
- Krasilnikov, A.P., Podolskiy, V.P. - Experimental investigation of aerodynamic characteristics of a sphere in a free flight up to Mach 18. p. 189.
- Borotol, V.I.A. - Selecting the optimum radius of blades for an aerodynamical body considering surface radiation. p. 193.
- Kovalev, I.A., and others. - Equation for the flow of plastic materials taking into consideration the temperature factor. p. 197.
- Rogovin, S.A. - Flow of viscous fluid in a tube with a deformable wall. p. 203.
- Dokuchaev, I.V., Lokovskiy, I.A. - Methods of determining hydrodynamic characteristics of a moving container with partitions. p. 205.
- Kudryavtsev, I.I. - Effect of temperature drop in the gap on the carrying capacity of a radial gas bearing of finite length. p. 212.
- AKADEMIYA NAUK SSSR, Izvestiya. Seriya fiziko-matematicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 53, no. 6, June 1968. Table of contents translated:
- Stolakov, P.A. - Transmission electron microscopes. p. 206.
- Vorobey, V.M., and others. - EM-8 electron microscope. p. 217.
- Dabarov, S.G., and others. - KM-11 and KM-8 electron microscopes. p. 238.
- Vorobey, V.M., Shubetov, I.U.V. - Use of slow electrons in a transmission electron microscope. p. 273.
- Stolakov, P.A., and others. - Objective of an electron microscope of superconducting material. p. 321.
- Ier-Savitskiy, G.V., Makarov, I.B. - Evaluation of the electron-optical properties of cryogenic objectives - solenoids of electron microscopes. p. 333.
- Der-Khirs, G.V. - Illumination of a camera fixation and calculation of the magnetic circuits of electromagnet lenses of electron microscopes. p. 37.
- Polozov, D.V., and others. - Scanning electron microscope - X-ray microanalyzer. p. 643.
- Baparin, G.V., and others. - Theory of contrast of images of a p-n junction observed in a scanning electron microscope. p. 647.
- Dilman, S.A., and others. - Utilization of a scanning electron microscope in investigating semiconductor heterostructures. p. 663.
- Kabanov, A.M., and others. - High-vacuum electron beam wall E-8. p. 666.
- Spivak, G.V., and others. - Contrast of a picture of magnetic micropoles observed in a scanning electron microscope. p. 669.
- Baparin, G.V., and others. - Observation of magnetic micropoles in a scanning electron microscope at energies of primary electrons of tens of KeV. p. 697.
- Dukov, V.G., and others. - Electron optics of an emission microscope with a magnetic field at the cathode. p. 973.
- Sedov, N.M., and others. - High contrast images of micropoles in an emission microscope and calculation of reflected micropoles according to contrast. p. 978.
- Lakhtanov, A.K., and others. - Geometrical optics of an electron reflecting microscope with a two electron immersion objective. p. 987.
- Sedov, N.M., Lakhtanov, A.K., Spivak, G.V. - Calculation of electrical microscopes according to their image in an electron reflecting microscope. p. 995.
- Sedov, N.M., and others. - Formations of images of magnetic micropoles of an arbitrary type in an electron reflecting microscope. p. 1044.
- Amaluk, I.F., Stolakov, I.G., Skupyskiy, M.D. - Multiscale interference of electrons caused by the breakup of an electron wave front. p. 1054.
- Stolakov, I.G., Amaluk, I.F. - Determining the noncoherent component wave function of electrons forming an electron microscope image. p. 1059.
- Fishkova, T.I.A., Baranova, L.A., Iavor, S.I.A. - Investigation of the spherical aberration of quadrupole lenses. p. 1066.
- Orelskiy, L.P., Chochula, V.M., Iavor, S.I.A. - Possibilities for the correction of the spherical aberration of quadrupole lenses. p. 1071.
- Pumpura, V.M., Spivak, G.V., Skishid, B.R. - Electron optical investigations of W-Mo alloys. p. 1076.
- Lakhtanov, A.K., and others. - Increasing the image contrast in electron microscopes. p. 1078.
- Dukov, V.G., and others. - Real structure, reactivity, and long-range action of crystalline surfaces. p. 1044.
- Kirichenko, V.M., Iuravova, V.E. - Structure of CDS epitaxial films produced by cathode sputtering. p. 1080.
- Tkachenko, M.A., Zinchenko, G.M. - Electron microscope investigation of the dislocation structures produced in situ during ultrasonic deformation. p. 1084.
- Savchenko, V.P., Tschitskiy, E.I., Ourskiy, L.I. - Interaction of dislocations with grain boundaries. p. 1087.
- Dukov, V.G., Netushchinskaya, G.P., Karasova, G.M. - Electron microscope study of films produced as a result of the effect of an electron beam on monomers. p. 1071.
- Krokhina, A.L., and others. - Study of the structure of thin dielectric films produced by cathode sputtering of single and multi-phase substances. p. 1078.
- Urazlov, U.S., Ivanov, R.D., Galkin, B.D. - Electron optical investigation of the structure of films of lamellae produced by cathode sputtering. p. 1082.
- Kozlov, G.I.S., Vorobey, V.M. - Determining the temperature of objects under the electron microscope. p. 1087.
- Zhdanov, G.S., Varnanov, V.M. - Investigation of the formation mechanism of hydrocarbon deposits on electron-irradiated objects. p. 1091.
- AKADEMIYA NAUK SSSR, Ural'skiy filial, Sverdlovskiy nauchnyy tsentr, Odeskitskiy nauchnyy tsentr [ACADEMY OF SCIENCES OF THE U.S.S.R., Ural Branch, Institute of Geophysics. Papers on Geophysics]. Sverdlovsk, no. 6, 1967. Table of contents translated:
- Khalvitskiy, M.I. - Crustal structure of the Russian Platform, Ural, and West Siberian Plate. p. 3.
- Alshin, A.L., Belavskiy, G.V., Kuznetsov, A.A. - Some data confirming the epiplatonic nature of the Ural geosynclinal area. p. 8.
- Maslovskiy, E.A., Khalvitskiy, M.I. - Nature of the Mohorovicic discontinuity in the Ural. p. 11.
- Khalvitskiy, M.I., Maslovskiy, E.A., Gontar, V.T. - Possibility of the study by seismic prospecting disturbances of the earth's crust in the Ural. p. 11.
- Khalvitskiy, M.I., Maslovskiy, E.A., Drozdova, M.M. - Study of the Mohorovicic discontinuity in the case of discrete continuous systems of the observation of deep seismic sounding. p. 27.
- Alshin, A.L., Belavskiy, G.V., Tsveta, I.F. - Tectonic development of the Ural. p. 31.
- Belavskiy, G.V., Alshin, A.L. - Steps of the Kuvshinov-Kuvshinovskiy massif and its relation to the tectonic structure of region based on gravimetric data. p. 39.
- Belavskiy, G.V., Doder, I.U.I., Buzopov, M.R. - Some results of the overall geological and geophysical studies of complex-structure granitoid massifs of the Sklyvno-Kuvshinovskiy group. p. 49.
- Tsvetkov, A.M., and others. - Practice in finding oil and gas under reinforced concrete lining of canals based on gravimetric data. p. 67.
- Vogel, D.S. - Principles of geophysical studies in the Bakal iron ore deposits. p. 81.
- Khalvitskiy, M.I., Alshin, A.L. - Coded registration of the first moment in seismic studies. p. 87.
- Sycheva, M.V. - Characteristics requiring knowledge of the zero field level for the interpretation of gravity anomalies from two-dimensional bodies of regular shape. p. 93.
- AKADEMIYA NAUK URSR, Kiev, Miskivskiy nauchnyy tsentr, Informatsionnyy tsentr [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Informational Geophysical Committee. Information Bulletin]. Kiev, no. 6, 1964. Table of contents translated:
- Vasilevskiy, S.K. - Comets in the period of the Kory. p. 4.
- Tarantova, A.K. - Interrelationship of small bodies and the solar system. p. 11.
- Stratov, V.A. - Photoelectric effect of the extended solar system. p. 18.
- Shchukova, E.V., Detsenko, A.A., Benich, V.V. - Determination of masses and densities of meteoric bodies based on photographic observations in 1965-1966. p. 30.
- Krivitskiy, I.U.M., Kravchenko, V.G., Shchukova, E.V. - Determination of radii, altitudes, and velocities of meteors observed in Kiev in 1965. p. 34.
- Danilovskiy, V.I., Tarantova, A.K., Shchukova, E.V. - Orbits of meteoric bodies based on photographic observations in 1967-1968. p. 32.
- Alshin, A.L. - Chromospheric flare on June 23, 1962. p. 34.
- Rakhtovskiy, A.S. - Some characteristics of the activity of chromospheric flares based on observations in the period of the Kory and KOC. p. 40.
- Ivanovskiy, V.I. - Some characteristics of magnetic fields in the solar corona. p. 44.
- Pohpan, P.M. - Results of photometric treatment of a spectrum of the chromospheric limb flare on July 27, 1962. p. 58.
- Kirovskiy, L.M. - Abundance of Ca II in the chromospheric flare on April, 1962. p. 63.
- Chernitskiy, V.I. - Nature of the emission of λ 8008 Å of the H II nitrogen in high altitude polar aurora. p. 67.
- Kislyuk, A.G. - Temporal and spatial variations of additional layers of the ionosphere E3 and F2. p. 73.
- Puchenko, R.I., Shvachkin, A.A. - Changes in errors of latitude in the course of night according to observation data with Dajov's prism astrolabe in Poltava. p. 83.
- Balashov, V.G., Kuvshinov, E.I. - Comparison of Pappas's methods of harmonic analysis for 60- and 90-day series of observations of tidal changes of gravity. p. 88.
- Moskaleva, O.A., Prokh, L.A. - Effect of the stratification of the temperature and humidity of the air in the surface layer of the atmosphere on the refraction index of radio waves. p. 94.
- Kamensk, E.M., Shchukova, E.V. - Curve of growth for a sunspot by the lines of neutral hydrogen. p. 103.
- Alshin, A.L. - Tectonic phenomena in the formation of mountain ridges in the Crimea. p. 107.
- Dobinskiy, G.P., Kovalev, P.V. - Activities of the Caucasian Expedition of the IOY of Kharkov University. p. 110.
- Alshin, A.L. - Stability of the values of the Black Sea in the period of the IOY. p. 114.
- Shvachkin, A.A. - Recent tectonic uplift of the coastal area of the White and Barents Seas. p. 120.
- Antoniuk, E.L. - Example of the complex usage of astronomical and geophysical data. p. 123.
- Petrovskiy, G.I., Verbitskiy, T.K. - Ultrasonic profiling on a constant base on a stratified section model. p. 137.
- Dobinskiy, G.P., Shvachkin, E.I. - Methodology of the study of electric prospecting for brines and potassium salts in the cis-Carpathian region. p. 148.
- Petrovskiy, G.I., Verbitskiy, T.K. - Use of gravity prospecting in underground mines of the Krivoy Rog Basin. p. 153.
- ATOMNAYA ENERGIYA [ATOMIC ENERGY]. Issued by Akademiya nauk SSSR and Gosstatizyemski komitet po ispol'zovaniyu atomnoy energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 20, no. 8, Nov. 1968. Table of contents translated:
- Sovetskoye Obezpecheniye Atomnoy Energii [Soviet Atomic Energy].
- World power resources and their use for the good of mankind. Section "Atomic power stations." p. 355.
- Alshin, A.L. - Atomic power and its role in technical progress. p. 366.
- Feinberg, S.M. - Atomic power stations. p. 363.
- Leipenskiy, A.I., and others. - Development of nuclear power engineering with fast reactors in the U.S.S.R. p. 380.
- Dobinskiy, G.P., Kuvshinov, E.I. - Some problems concerning the operation of atomic power stations in power systems. p. 387.
- Chernitskiy, V.I., and others. - Combination of powerful atomic power stations with conventional plants. p. 394.
- Leipenskiy, A.I., and others. - Atomic power station with reactor BN-800. p. 403.
- Shchukova, E.V., and others. - Atomic power station with two 440 MW (3 x 440 MW) reactors. p. 408.
- Mikheev, M.S., Shchukova, E.V. - Complex compounds of uranium hexafluoride with fluorides of alkali metals (first report). p. 413.
- Kuvshinov, E.I. - Radiolysis of mixtures of saturated and aromatic fluorocarbons. p. 423.
- Stratov, V.A., Shchukova, E.V., Morikov, A.M. - Use of Ta^{182m} isotope as a source of X-radiation. p. 434.
- Volkov, E.M., Kuvshinov, E.I., Kuvshinov, M.A. - Theoretical and experimental studies of natural gas conversion in a closed circuit. p. 438.
- Oskov, B.V. - Dependence of bromine-100 isotope from the energy of accelerated electrons. p. 436.
- Chernitskiy, V.I. - Use of matrix method in calculating the spectral angular characteristics of radiation inside phase barriers. p. 448.
- Shchukova, E.V., and others. - Determining the rate constant of spontaneous fission of U^{235} by accumulation of fission isotopes in uranium nitrate. p. 450.
- Shchukova, E.V., and others. - Structure of $PdPd$ compound. p. 480.
- Shchukova, E.V., and others. - Magnetic susceptibility of platinum-palladium alloys. p. 481.
- Pavlov, L.V. - Uranium diffusion in titanium-nickel-titanium alloys. p. 484.

- Luk'yanov, A. A., El'-'Vakil', S. A. - Multilevel description of the energy structure of neutron cross sections. p. 435.
- Mazurov, F. - Mean cross sections of the reactions (n, 2n), (n, p), (n, α) according to neutron fluxon spectra. p. 437.
- Mal'gor, E. T., Kosonov, B. A. - Energy distribution of 6.72 MeV protons passing through monocrystals. p. 439.
- Baler, V. M., Khosa, V. A. - Effects of particle scattering inside polarized electron beams in storage devices. p. 440.
- Kol'chuzhkin, A. M., Uchukin, V. V. - Calculating the penetration of γ -radiation through an inhomogeneous barrier. p. 442.
- Vilengil, V. D., Enel'yanov, V. V. - Concentration of H_2^{32} in the atmosphere. p. 444.
- Mal'tsev, V. V., Zborov, V. S. - Regular meeting of the technical committee TC-45 of the International Electrotechnical Commission. p. 445.
- Kruglov, S. P., and others. - Apparatus for measuring the total energy and intensity of accelerated particle beams and α -quanta. p. 447.
- Lavia, V. M., Ruzhnikov, V. V. - Linear 6 MeV. electron accelerator for medical purposes. p. 448.
- Kurayev, V. S., and others. - Gamma-irradiator based on special elements of a water cooled water moderated reactor. p. 451.
- Shkaya, V. I., and others. - Scintillation by promoter desintegrator for field investigations. p. 452.

ОПТИЧЕСКИЕ БУЛЛЕТЕНЬ (OPTICAL BULLETIN). Issued by Mezhdunarodnyy gosudarstvennyy nauchno-issledovatel'skiy tsentr pri Prezidiume Akademi nauk SSSR (Interdepartmental Geophysical Committee, Attached to the Presidium of the Academy of Sciences of the U.S.S.R.). Moscow, no. 10, 1968.

- Table of contents translated:
- Fokshel'kov, I. U. P. - Variation of the potential air temperature on the tropopause level and air exchange between the troposphere and the stratosphere. p. 3.
- Kazanskiy, A. B. - Equation describing heat transfer in a porous medium by a percolating liquid. p. 13.
- Chibrikov, O. P. - Mass budget of the glaciers on the islands of the northeastern Atlantic according to the 105 studies. p. 24.
- Dorman, L. I., Pimenov, I. A. - Use of electronic computers in processing data on cosmic ray variation. p. 31.
- Afraimovich, E. L. - Automatic data processing system in ionospheric studies. p. 45.
- Petrova, O. N. - Seventh All-Union Conference on the Cosmic Geomagnetic Field and Paleomagnetism. p. 59.
- Grigor'yan, S. S., Pash, M. A. - International conference on low temperature physics. p. 63.
- Khryzhan, A. Kh. - Sessions of the Meteorology and Oceanography Sections at the Eleventh Pacific Ocean Congress. p. 65.
- Litvinova, E. A. - Meeting of the International Committee on Heat Flow. p. 69.

LAZIKHKA FIZIKA. JOURNAL OF NUCLEAR PHYSICS. Issued by Akademiya nauk SSSR and Gosstatizmi Rossiya po ispol'tovaniyu atomnoy energii SSSR (Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.). Moscow, vol. 8, no. 8, Dec. 1968.

- Table of contents translated:
- Kiselev, B. G., Gornostayev, V. R. - Studying the decay chain Te^{132} \rightarrow Sn^{132} . p. 1057.
- Kiselev, B. G., Lavrovskiy, V. M., Kazachevskiy, I. V. - Decay of isomers Co^{60} . p. 1063.
- Groshin, L. V., and others. - Spectra of γ -rays originating during the capture of thermal neutrons by Li isotopes. p. 1067.
- Dubinskii, B. S., and others. - Cross section of gamma-ray absorption by sulphur nuclei in the region of giant dipole resonance. p. 1069.
- Gorlov, G. V., Lebedev, M. S., Morozov, V. M. - Small angle elastic scattering of 4 MeV. neutrons by the nuclei Cu, Fe, Sn, Pb, Bi, and U. p. 1065.
- Tolchenkov, D. L. - Isobaric spin dependence of the nuclear potential. p. 1066.
- Orlov, K. A., and others. - Spectroscopic multiplet of $2p$ -transitions in the reaction (d, p) on nuclei of mean atomic weight. p. 1061.
- Afanas'ev, N. G., and others. - Radial charge and mass distribution in nuclei. p. 1073.
- Bund, I. M., and others. - Residual interaction of particles in a nucleus. p. 1075.
- Rudakov, A. M. - Electromagnetic form factors of H^0 and H^{\pm} . p. 1077.
- Igashik, A. V., Shubin, I. U. M. - Effect of discrete structure of one-particle spectrum on the thermodynamic functions of nuclei. p. 1079.
- Shebeko, A. V., Isopols, K. V. - Diffraction theory of stripping reactions. p. 1083.
- Borashchii, I. U. A., Evlanov, M. V. - Effect of the internal structure of a deuteron on the inelastic diffraction scattering. p. 1085.
- Kosik, A. M. - Weak interactions in three-meson systems. p. 1086.
- Tsvetkov, V. P., Karimov, R. K. - Radiative corrections to neutrino annihilation of the lepton - antilepton pair. p. 1071.
- Baler, V. K., and others. - Double bremsstrahlung during electron collisions - hard end of the spectrum. p. 1074.
- Adamovich, M. L., and others. - Phenomenological analysis of photoproduction of charged pions on nucleons in the near-threshold energy region. p. 1081.

- Tarasov, A. V. - Observables in the bremsstrahlung in the low approximation. p. 1091.
- Achasov, N. N., Bannikov, L. M. - Production of p -mesons in πN -collisions and the hypothesis of p -meson coupling with the conserved current. p. 1093.
- Berezinskiy, V. S. - Decays of $A_1 \rightarrow \pi \pi$, $\pi \rightarrow \pi \pi$ and the current algebra. p. 1095.
- Orlov, V. M., Migdal, A. A. - Quasistable Pomeron-chuk pole and the diffraction scattering at super-high energies. p. 1113.
- Tsere, Ch. - Polarization effects at the plastic Nd-scattering in the Glauber approximation. p. 1117.
- Gur'ev, V. M. - Elastic photoproduction of π^0 -mesons on He^4 . p. 1131.
- Dobovikov, M. S., Karodetskii, I. M. - Interference phenomena in decays $X \rightarrow \pi \pi$ and determination of quantum numbers of the A_2 -meson. p. 1135.
- Livshits, M. A. - Description of weak lepton interaction outside the perturbation theory. p. 1145.
- Deukina, N. I. - The Debye-Gilbert-Bachrachian of the spectral representation and matrix elements of the equal time current commutators in the perturbation theory. p. 1153.
- Yarvchenko, O. I. A. - Lower estimate of the energy of a system of interacting particles within the framework of the Schrödinger equation. p. 1155.
- Malkin, I. A., Makhov, V. I. - Dynamic asymmetry of a relativistic charged particle in a constant magnetic field. p. 1164.

KURSK. GIDROMETEOROLOGICHESKAYA OBSERVATORIA. Kursk robot (HYDROMETEOROLOGICAL OBSERVATORY, Papers). Moscow, no. 4, 1968.

- Table of contents translated:
- Tsybulo, M. P. - Changes in the amount of water masses in Central Chernozem provinces and Bryansk Province. p. 2.
- Kovalev, I. A., Koshenko, V. G. - Study of the streamflow of unregulated sediments. p. 35.
- Kipchakova, M. P. - Annual distribution of streamflows of the Central Russian Upland within the Central Chernozem region. p. 38.
- Kirichuk, I. I. - Experimental studies of the water seepage in soil drainage basins of the Makhovskiy drainage station. p. 39.
- Kirichuk, I. I. - Formation of the flow of suspended sediments in temporarily active streamflows. p. 40.
- Koshenko, V. G. - Spring streamflow and its formation in a small drainage basin. p. 41.
- Korolov, A. G. - Quantitative relationship between the sources of rivers and minimum streamflow. p. 73.
- Krasnitskiy, M. L., Mikhlin, S. F. - Synoptic conditions of snowmelt in the Central Chernozem region. p. 77.
- Trifonova, M. M. - Climatic characteristics of snowstorms in the Central Chernozem region. p. 81.
- Davydov, V. P. - Agrometeorological conditions governing the germination of buckwheat in Lipetsk Province. p. 85.
- Melkov, V. M. - Effect of the nature of snow occurrence on the formation of snow waters. p. 101.
- Plavitskiy, T. M. - Especially dangerous weather phenomena in the Central Chernozem region. p. 113.
- Popov, A. P. - Ice flow in small drainage basins. p. 110.

LATVIAN PADOJUM SOCIETATUM REPUBLICAS. ZINATUM AKADEMIA. Latvian Institute of Atmospheric Sciences (ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Physics, Axiomatic collision). Riga, no. 4, 1967.

- Table of contents translated:
- Dunberg, R. I. A., Karulis, E. M. - Determination of long-range interaction using a modified method of strong coupling. p. 1.
- Vinkulis, I. Zh., Gellulis, M. K. - Threshold behavior of ionization cross sections. p. 17.
- Peterkop, R. K. - Asymptotic behavior of the wave function of a system of charged particles. p. 33.
- Peterkop, R. K. - Electron scattering by helium atoms. p. 39.
- Alaksen, V. A., Valshchits, L. A. - Cross sections of elastic scattering of slow electrons by atoms of alkali elements and hydrogen. p. 41.
- Reish, L. L. - A system of radial equations describing collisions between electrons and atoms of noble gases. Solution of the equations for the neon atoms. p. 103.
- Refinement of approximate methods for calculating the effective cross sections of electron - atom collisions. p. 105.

LIVNIGRAD. GIDROMETEOROLOGICHESKII INSTITUT. Trudy (HYDROMETEOROLOGICAL INSTITUTE, Transactions). No. 12, 1968. Problems of the methodology of long-range weather forecasting.

- Table of contents translated:
- Aristy, M. A., Bliznina, L. I. - Long-range synoptic in the last 60 years. p. 3.
- Borisova, L. G., Radchikova, L. M. - Using characteristics of natural synoptic seasons in compiling monthly weather forecasts. p. 12.
- Drozdov, D. A. - Long-range forecast of precipitation in May. p. 18.
- Zverev, R. I. - Physico-statistical method of long-range weather forecasting. p. 44.
- Paef, D. A., Koshlva, L. I. - Formation of the sea-

- sonal anomaly of air temperature depending on the effect areas of greatest variability of meteorological elements. p. 59.
- Shishkov, V. G. - Forecasting the deficit of precipitation in June in the northern part of Kazakhstan and Western Siberia. p. 65.
- Khalilov, I. U. B., Makhovich, S. A., Rafailova, Kh. Kh. - Objective method for selection of analogs on the M-20 electronic computer. p. 78.

No. 17, 1968. Calculations and forecasts of runoff and ice phenomena in rivers and reservoirs.

- Table of contents translated:
- Glozberg, D. M., Anisimova, E. G., Belashova, I. V. - Methodology of forecasts of the beginning of the sheet ice formation period on reservoirs of the Volga Cascade of hydroelectric power stations. p. 3.
- Vladimirova, N. F. - Regularities in the manifestation of ice on the rivers of the Kama basin. p. 20.
- Efremova, M. D. - Methodology of the long-range forecast of the beginning of the sheet ice formation in the Krasnoyarsk Reservoir. p. 24.
- Chernov, I. M. - Some characteristics of atmospheric processes over Siberia and their use for the forecast of the appearance of ice in the lower Yenisey Valley. p. 32.
- Dobolov, S. M. - Calculation of the deficit of heat in the lower surface of ice cover in reservoirs during winter. p. 38.
- Lavia, A. G., Franklia, V. S. - Methodology for the forecast of rain floods, as revealed by a study made of the Dniester River at Kaloshchik. p. 47.
- Khankina, M. I. - Methodology for the determination of the inflow of water in the reservoir of the Kiev Hydroelectric Power Station. p. 57.
- Podolskaya, M. I. A. - Effect of the rated time interval and irregularity of precipitation on the calculation accuracy of a runoff hydrograph. p. 60.
- Abal'man, T. S., Masurova, L. L., Mikonova, S. M. - Taking into account characteristics of the formation of runoff for the purpose of forecasting its distribution during the vegetation period. p. 73.
- Shishkovskiy, L. G., Troitskiy, I. V. - Determination of parametric relations for the calculation of time for the approach of some hydrologic phenomena. p. 81.

No. 18, 1968. Numerical prediction and analysis of meteorological fields.

- Table of contents translated:
- Makhovich, S. A. - Development of the meteorology of the prediction of baric fields for several days. p. 3.
- Isaev, M. V., Fikus-Rabinovich, M. N. - On one of the finite-difference algorithms of the solution of the equation of vortex for the middle troposphere over the Northern Hemisphere. p. 10.
- Stal'kov, I. G., Kriachuk, M. O. - Practice in the numerical solution of the equation of balance in limits of the quasi-geostrophic prediction scheme of geopotential in the Northern Hemisphere. p. 32.
- Berg, R., Makhovich, S. A. - Studying heating in the stratosphere by the help of numerical experiments. p. 51.
- Orokiniskii, B. V. - Application of the filtering theory of random processes to some problems of objective analysis. p. 44.
- Brizhkovskiy, I. M. - Filtering fields obtained in the result of nonlinear transformation of initial values of meteorological elements. p. 66.
- Tatarskiy, M. F., Mikhlin, V. A. - Some problems of the methodology of the optimum three-dimensional statistical interpretation of a geopotential. p. 67.
- Sorokina, V. D. - Objective analysis of the geopotential field with included additional information. p. 72.

No. 21, 1968. New methods of the forecast of air temperature anomaly and the amount of monthly precipitation.

- Table of contents translated:
- Rafailova, Kh. Kh. - Succession and configuration of isothermal fields over separated sectors of the Northern Hemisphere and the forecast of the monthly mean air temperature over the U.S.S.R. p. 3.
- Shishkovskiy, G. M. - Forecast of the excess of precipitation in June in the northern part of Western Siberia and northern Kazakhstan. p. 20.
- Borisova, E. I. - Characteristics of atmospheric processes and weather in June 1965 and possibility of their long-range forecast. p. 34.
- Borisova, L. G. - Analysis of the forecast and actual development of atmospheric processes and weather in November 1966. p. 35.
- Sovalkina, M. A. - Expediency of taking into account characteristics of summer signs in making weather forecasts for May and June. p. 63.
- Zakharova, M. M. - Use of autumn signs in making weather forecasts for September. p. 69.
- Turketti, Z. L. - One of the classifications of macro-processes. p. 71.

No. 22, 1968. Synoptic meteorology

- Table of contents translated:
- Shtikovsky, A. I., Korolova, T. A. - Forecast of heavy squalls in the central area of the European part of the U.S.S.R. p. 2.
- Suzukov, A. I., Klevitskiy, A. A. - Relation of the velocity of displacement of cold fronts of the wind in intercepting layers. p. 11.

- Chaprin, S. F. - Transformation of the humidity of air masses being displaced over the North Atlantic and Europe. p. 20.
- Britikovskii, A. I. - Analysis of conditions for the beginning of a dangerous deposition of wet snow. p. 31.
- Samoilov, A. I., Klevinskii, A. A. - Effect of the northern part of the Central Russian Upland on the pressure field and fronts. p. 37.
- Maslerakii, M. A. - Forecast of frontal bore in the Novorossiysk region. p. 43.
- Mitskova, N. K. - Some synoptic data on severe hail storms over the southern area of the European part of the U. S. S. R. p. 47.
- Talakov, T. - Hailover foehn in the Urals. p. 51.
- Ponomarev, S. I. - Some characteristics of air stratification preceding the origin of very heavy showers. p. 53.
- Chernova, V. F. - Diving cyclones and jet streams. p. 70.
- Alibekov, F. V. - Forecast of storm winds in Sakhalin and adjacent areas. p. 75.
- Bolotov, M. D. - Spatial distribution of clouds of cold fronts over the Ukraine. p. 79.
- Chaprin, S. F. - Dependence of the transformation of air temperature on the velocity of the transport of air masses. p. 84.
- Leningrad. Glavnaia Geofizicheskaja Observatoriia. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 50, 1958. Statistical analysis of atmospheric processes.**
Table of contents translated:
Iudin, M. I. - Principal problems in physico-statistical methodology of advanced long-range weather forecasting. p. 3.
- Kozlov, M. P., Afanas'eva, V. B., Tliov, V. M. - Statistical scheme of forecasting mean temperatures for a two-day period, taking into account data of radiation fluxes, cloud cover, ice, and snow cover. p. 8.
- Moskharukina, A. V., Kikavio, L. M. - Distribution of anomaly fields of the mean monthly temperature according to natural orthogonal functions. p. 14.
- Iakovlev, M. I., Rapshtskii, R. P., Chelova, K. A. - Determination of the relationship of processes according to these and its seasonal characteristics. p. 23.
- Iakovlev, M. I., Chernskina, I. E., Kuchashkin, G. D. - More exact representation of natural orthogonal functions of the pressure field (geopotential) over the Northern Hemisphere. p. 30.
- Iakovlev, M. I., Chuvashina, I. K., Lachova, K. V. - Statistical description of pressure fields (geopotential) over the Atlantic-Pacific sector, using artificial functions. p. 72.
- Iakovlev, M. I., Tarkov, V. G. - Synchroscopic relationships of pressure anomalies (geopotential) over different sectors of the Northern Hemisphere. p. 79.
- Afanas'eva, V. B., Kozlov, M. P., Tliov, V. M. - Statistical description of snow-cover fields by the method of distribution by natural orthogonal functions. p. 90.
- Moskharukina, A. V., Kikavio, L. M. - Measurement of mean monthly temperatures. p. 97.
- Chirskii, K. I. - Methodology of finding intercorrelated regions of temperature anomalies in the Northern Hemisphere. p. 104.
- No. 52, 1958. Actinometry, atmospheric optics, and cosmography.**
Table of contents translated:
Bronshteyn, A. M., and others. - Some results of the study of spectral characteristics of black and white coatings used for reflecting surfaces of actinometric instruments. p. 3.
- Kukuyev, B. P., Dachevskii, V. A. - Spectral studies of angular characteristics of pyrometers and balance meters. p. 13.
- Shvov, S. I. - Determination of the albedo of large portions of the earth's surface from measurements of sky polarization. p. 17.
- Lots'ko, L. V., Valaband, R. F. - Relation of direct solar radiation to illumination. p. 21.
- Goryshin, V. I. - New method for modeling light beams in two-beam photometers and spectrophotometers. p. 26.
- Goryshin, V. I. - Amplitude and phase characteristics of some types of light modulators in two-beam photometers and spectrophotometers. p. 37.
- Goryshin, V. I. - Serial model of an automatic photometer for the measurement and recording of atmospheric transparency (RDV-1). p. 44.
- Goryshin, V. I. - Some results of laboratory and field testing of an automatic photometer for the measurement and recording of atmospheric transparency (RDV-1). p. 50.
- Bronshteyn, A. M. - Dependence of the sensitivity of a vacuum radiative thermometer on its temperature. p. 78.
- Bronshteyn, A. M., Kuzakova, K. V. - Limitation of air layers for the study of their radiative properties. p. 74.
- Gushchin, G. P., and others. - Some results of the studies of atmospheric ozone in the U. S. S. R. in the 1957 period (1944-1958). p. 88.
- Iakovlev, M. I. - Accuracy of the measurement of the general composition of ozone based on the sky zenith at cosmometric stations of the U. S. S. R. p. 94.
- Arkhypov, T. M. - Evaluation of random errors in the measurement of the general content of ozone using universal (M-53) and airborne ozonometers. p. 98.
- Prokhorova, Z. I. - Distribution of the coefficient of atmospheric transparency (for integral flow) in the U. S. S. R. p. 105.
- No. 53, 1958. Climate of the earth.**
Table of contents translated:
Draevich, K. P. - Basic characteristics of the distribution of glass phenomena in the northwestern regions of the U. S. S. R. p. 3.
- Sorochan, O. G., Petukhin, M. F., Petrova, V. D. - Moisture circulation in tropical latitudes of the Indian and Pacific Oceans. p. 13.
- Kozlov, G. D. - Thermal and humidity regime of the troposphere of Central America and the West Indies and its relation to stratification. p. 20.
- Kozlov, G. D. - Space-time variability of precipitation in Central America and the West Indies. p. 23.
- Egorov, A. M., Tokar', F. G. - Humidity content and transport of water vapor over Africa. p. 30.
- Khodakova, V. P. - Some characteristics of the distribution of thermal values of total solar radiation in the subtropical zone of the Northern Hemisphere. p. 45.
- Labodov, A. M., Khodakova, V. P. - Modeling of parameters of temperature and air humidity. p. 54.
- Trishova, T. S. - Studies of the thermal regime during precipitation. p. 58.
- Borshchov, I. S. - Methodology of the calculation of the characteristics of wind velocities based on meteorological observations in Africa. p. 69.
- Labodov, A. M. - Seasonal changes and position of the intertropical convergence zone and trade-wind flows in Africa and their relation to climate. p. 75.
- Labodov, A. M. - Effect of the Atlantic and Indian Oceans on the formation of climates in Africa. p. 86.
- Labodov, A. M., Mikhailenko, M. M. - Methodology of complexing and graphic representation of the temperature and relative humidity of the air. p. 98.
- Milovskii, V. M. - Relationship between wind velocity rose diagrams and open roses of station anemometers. p. 104.
- Egorov, G. G. - Characteristics of the continuous duration of low winter temperatures in Western Siberia. p. 111.
- Egorov, V. I. - Quantitative characteristics of the specific humidity of the Northern Hemisphere and their connection with synoptic processes. p. 115.
- Goryshin, M. G. - Characterization of the thermal regime of soils in the northern and northwestern areas of the European part of the U. S. S. R. p. 126.
- MIROVOI TREBNT DAMNYKH BI. Katalog publikatsii. Dostupn i skript. Bibliografiia. Gravimetrica. Varkhnia munita [WORLD DATA CENTER BI. Catalog of Publications. Longitudes and Latitudes. Geomorphology. Gravimetry. Upper Munita]. Moscow, nos. M-M Jan.-Dec. 1959 no. 15, July-Dec. 1959.**
- MIROVOI TREBNT DAMNYKH BI. Katalog publikatsii. II Meteorologiya. XIV Latsituda radiatsii [WORLD DATA CENTER BI. Catalog of Publications. II Meteorology. XIV Latitudinal Radiation]. Moscow, no. 9, Jan.-June 1963.**
- MIROVOI TREBNT DAMNYKH BI. Katalog publikatsii. Meteorologiya i latsituda radiatsii [WORLD DATA CENTER BI. Catalog of Publications. Meteorology and Latitudinal Radiation]. Moscow, nos. 15-18, Jan.-Dec. 1963.**
- MIROVOI TREBNT DAMNYKH BI. Katalog publikatsii. Varkhnia munita [WORLD DATA CENTER BI. Catalog of Publications. Upper Munita]. Moscow, Brodnyi vypusk Jan. 1964-June 1964.**
- OPTIKA I SPEKTROSKOPIIA; GEOMORFII STATI [OPTICS AND SPECTROSCOPY; COLLECTION OF ARTICLES].** Issued by Otdelenskii flakto-matematicheskikh nauk Akademii nauk SSSR [Department of Physics and Mathematics of the Academy of Sciences of the U. S. S. R.]. Leningrad, vol. 3, 1957.
- Table of contents translated:
Dagis, R. S., Levinson, I. B. - Group-theoretical properties of the adiabatic potential in molecules. p. 3.
- Maister, T. G. - Determining the frequency of a pure electron transition in the spectra of nonluminescent molecules and complex molecules of the second group. Part I: Methods. p. 6.
- Maister, T. G., Baranova, G. L. - Determining the frequency of a pure electron transition in the spectra of luminescent molecules and complex molecules of the second group. Part 2: Results obtained by various methods. p. 13.
- Piterstskii, L. V. - Determining the dipole moments of a series of phthalimide substituents by temperature shifts of the spectra of solutions. p. 18.
- Lutski, A. E. - Spectrometry. I. I. - Intermolecular interaction involving π -electrons. p. 21.
- Shorobogal'no, A. F., Tikhonov, L. I. - Electronic spectra of 4,8,8-trimethyl azulene molecules. p. 30.
- Shubin, V. I., and others. - Electronic structure and absorption spectra of copper chelates of allyl alkylamines. p. 35.
- Zaif, A. P., and others. - Study of α -thiopyranolines and their chelate complexes with Cu²⁺. Part 3. Calculation and interpretation of electronic absorption spectra of thiopyranolines. p. 43.
- Danov-Khotov, V. I., Maltov, I. P. - Absorption spectrum of oxygen in ethylene and "double" transitions in the complex [O₂]. p. 51.
- Aksent'ev, S. L., Vladimirov, I. A., Glensov, V. I. - Ionization of aromatic amino acids due to ultraviolet radiation. p. 57.
- Aleksandrovskii, A. M., Vinogradova, V. M., Godev, I. N. - Applicability of the method of "progressing molecules" to octahedral Ni²⁺ molecules. p. 64.
- Guseinov, R. G., Malants, L. S. - Vibrational spectra of chloro-substituted hydrocarbons. Part 1. Calculation of normal vibrations of propene chloro-substituents. p. 71.
- Guseinov, R. G. - Vibrational spectra of chloro-substituted hydrocarbons. Part 2. Calculation of normal vibrations of some olefin chloro-substituents. p. 75.
- Malants, L. S., Averbukh, B. S. - New method for calculating the intensity in vibrational spectra of molecules. p. 84.
- Thane, A. I. A., Morozov, V. P. - Use of success variables in the theory of molecular vibrations. p. 90.
- Kapital', V. M. - Additional conditions in space molecules with cyclic elements. p. 103.
- Vinkal', A. G., Sverdlov, L. M. - Some rules for the interpretation of infrared bands, frequencies and frequency squares of vibrations of paraffin hydrocarbon systems. p. 104.
- Zhukovskii, R. G. - Characterization of the frequencies of spatial configurations of identical structural elements in the infrared spectra of carbohydrates. p. 111.
- Zakharova, G. A., Barilovskii, M. A. - Effect of temperature on the absorption of vapors of benzene monosubstituents in the region of C-H stretching vibrations. p. 116.
- Zakharova, G. A. - Temperature dependence of the intensity of NH-vibration overtones of methyl amines and phthalimide vapors. p. 121.
- Kozlovskii, M. N., Borisovich, M. A. - Intensity of infrared absorption bands of NH- and CO-groups of some aromatic compounds. p. 123.
- Korotki, G. A., Bogdanov, A. V. - Integral functions of the stretching and deformation vibration bands of the HC-H group in gaseous R-C HCl hydrocarbons. p. 135.
- Korotki, G. A., Bogdanov, A. V. - Infrared absorption bands of the stretching and deformation vibrations of HC-H bond in solutions of acetylene hydrocarbons. p. 138.
- Koptov, G. S., and others. - Calculation of the vibrations of 3-d-bromobenzene-1, 2. p. 135.
- Turkova, N. V., Sverdlov, L. M. - Vibrational spectra of nonluminescent hydrocarbons. Part 18. Calculation and interpretation of vibrational spectra of trans- and cis-piperidines. p. 144.
- Borshov, M. G., Sverdlov, L. M. - Vibrational spectra of monosubstituted hydrocarbons. Part 18. Calculation of absolute intensities of infrared bands of trans- and cis-butene-2. p. 146.
- Bolotina, K. N., Sverdlov, L. M. - Calculation and interpretation of the vibrational spectra of sulfur-containing compounds. Part 1: Thiophenes and their dithienyl derivatives. p. 150.
- Prima, A. M. - Vibrational spectra and potential energy constants of pyrrole and its dithienyl derivatives. Part 1: Phase vibrations. p. 157.
- Prima, A. M., Kozlovskii, A. T. - Calculation and interpretation of the vibrational spectra of cyclic organo-sulfone compounds. Part 1: Dithienyl cyclopropanes. p. 163.
- Aleksandrov, V. T., and others. - Vibrational spectra of thiophenes, selenophenes and their dithienyl derivatives. Part 2: Phase vibrations of thiophenes and their dithienyl derivatives. p. 165.
- Aleksandrov, V. T., and others. - Vibrational spectra of thiophenes, selenophenes and their dithienyl derivatives. Part 3: Phase vibrations of selenophenes and their dithienyl derivatives. p. 179.
- Ponomarev, I. U., Korotki, G. A. - Calculation of the vibrational spectra of compounds of the fourth group elements of the 2d and 3d series. p. 188.
- Kozlov, M. A., Rabitsovich, I. B. - Deformation vibrations of CO-H and the isotopic effect of the association energy of H- and D-hydroperoxides of isopropylbenzene and tertiary butyl. p. 193.
- Lutski, A. E., Goshchikova, M. I. - Formation of hydrogen bonds of primary amines. p. 198.
- Shchepkin, D. M., Belokobyl'skii, L. P. - Determination of the configuration of hydrogen-bonded complexes in a gaseous phase by rotational-vibrational absorption spectra. p. 204.
- Bolshak, M. O., Tashkov, M. V. - Vibrational spectra of molecules with the van der Waals bond. p. 207.
- Bolshak, M. O., Mel'nik, M. O. - Induced absorption spectra of condensed systems. The 1-O bond of hydrogen dissolved in tetrachlorides of the elements of group IV. p. 214.
- Bolshak, M. O., Oskova, M. D. - Contours of infrared absorption bands and the rotational motion of molecules in liquids. Solutions of CH₄ and CCl₄ in liquid oxygen and nitrogen. p. 221.
- Kozlov, A. V. - Far-infrared resonance and the structure of π (A - B) bands in complexes with hydrogen bond. Part 1: The expected picture. p. 224.
- Lutina, M. P., Kharchenko, M. P. - Far-infrared resonance splitting in the spectra of chloroform-solutes. p. 232.

- Lelitan, M. P., Kharchenko, M. P. - Splitting in the spectra of isotropic solutions due to the Fermi resonance. p. 237.
- Tkachenko, I. U. P., Pan'kova, L. E. - Resonance splitting in the infrared spectra of frozen molecular solutions. p. 239.
- Simonov, A. P., Shigurin, D. V. - Infrared absorption spectra and the structure of tertiary butylamine. p. 244.
- Petrov, A. K., Sechukarev, A. V. - Spectroscopic study of monocarboxylic acids. Part 2. Temperature and phase dependence of the infrared absorption spectra of pentadecanoic acid. p. 250.
- Sechukarev, A. V., Petrov, A. K., Kharkov, R. V. - Spectroscopic study of monocarboxylic acids. Part 3. Characteristic frequencies of the carboxyl group in infrared absorption spectra. p. 253.
- Petrov, A. K., Orlov, V. A. - Potential functions of germane hydrohalides. p. 255.
- Mal'nev, L. A., and others. - Infrared absorption spectra of diaryl-substituted 1,4-dimethylbenzene. p. 258.
- Finkel', A. G. - Experimental and theoretical study of absolute intensities in the infrared spectra of gaseous hydrocarbons. Part 7. *n*-alkanes 1-pentene and 1-hexene. p. 263.
- Brown, E. V. - Integral intensities of stretching C-H vibrations of hydrocarbons in gases and solutions. p. 267.
- Kharchenko, M. P. - Relation of intensities of Davydov's splitting components of the vibration band of chloroform in solutions. p. 270.
- Kolodina, N. S. - Infrared spectra of quinoline and monodisubstituted benzene. p. 274.
- Kharchenko, M. P. - Infrared absorption of ethylene-oxidation products in the region of γ g vibrations. p. 279.
- Goncharov, A. Z., Potomov, I. E. - Change in the infrared absorption spectra of ketones under the influence of temperature and dissociation of salts. p. 285.
- Belozerskaya, L. P., Khochepkin, D. M. - Infrared absorption spectra in the far region and the structure of vibrational bands of halogen hydrides in hydrogen-bonded complexes. p. 290.
- Lavrovskii, M. G., Kiselev, L. V. - Long-wave infrared absorption spectra of crystalline and amorphous polypropylene and triethyl cellulose. p. 294.
- Kalina, V. S., Kats, S. M., Sverdlov, L. M. - Theoretical and experimental study of the absolute intensities and depolarization lines in Raman scattering spectra of polyatomic molecules. Part I. Tetrachloroethylene. p. 304.
- Kovalev, I. P., and others. - Integral intensities and depolarization degrees of Raman scattering lines of $(CH_3)_2SO \cdot (CH_3)_2$, $(CH_3)_2$, $SO_2 \cdot (CH_3)_2$ and $(CH_3)_2CO \cdot (CH_3)_2$. p. 308.
- Borisov, M. G., Sverdlov, L. M. - Vibrational spectra of associated hydrocarbons. Part 17. Calculation of absolute intensities and depolarizations in Raman scattering spectra of trans-butene-2, cis-butene-2, and tetramethyl ethylene. p. 307.
- Baranits, P. A., Plater, F. - Studying the width of rotational lines of Raman scattering in gases as a function of the quantum number J . p. 314.
- Ivanov, K. M., Vukov, K. A., Hristov, M. M. - Theory of the shape and width of lines in low-frequency Raman scattering spectra. p. 319.
- Talsh, T. P., Bobovich, I. A. S. - Effect of intermolecular interaction in highly diluted solutions on Raman scattering spectra. p. 324.
- Perkins, R. V., Rabin, Sh. Sh. - Some characteristics of Raman scattering spectra of adsorbed molecules. p. 329.
- Ivanov, L. M., Abdurakhmanov, A. A., Magomedov, M. A. - Microwave spectrum of CH_3CD_2OH and CH_3CH_2OD molecules. p. 337.
- Bystritsky, V. F., Lashin, V. P., Shchegolev, S. M. - Use of the nuclear magnetic resonance method in studying the hydrogen bond. Part II. Association of chloroform with cyclic ethers and thioethers. p. 339.
- Use of neodymium laser radiation with Q-factor switching. p. 34.
- Bula, V. A., Kalmykova, S. S., Karilko, V. I. - Scattering of electromagnetic waves by a piezoelectric homogeneous dielectric. p. 91.
- Solia, L. G. - Parameters of isotropic placed above a scattering plane interface. p. 101.
- Kas, A. I., Litvinenko, L. M., Shostakov, V. P. - Diffraction properties of asymmetric metal tape arrays. p. 110.
- Ardeev, K. V., Vostresenskii, G. V. - Characteristics of the radiation from a source moving near a stretched structure. p. 121.
- Shala, A. O. - Analysis of a two-dimensional periodic scattering system of the type of a honeycomb plane. p. 132.
- Akhmedov, R. G., Skusev, A. A. - High efficiency triodes with open-cathode control electrodes operating in a negative resistance mode. p. 139.
- Skusevich, K. S. - A diffraction correction applied to calibrating antennas by the "artificial noise" method. p. 145.
- Matveev, I. U. G. - Reflection factor of the linear surface. p. 147.
- Andromova, I. A., Katshev, I. U. L. - Experimental study of isotropy fluctuations in single-frequency He-Ne lasers at the wavelengths 0.63 and 3.39 μ . p. 148.
- Khrushova, I. M. - Frequency fluctuations of mutually synchronized oscillators. p. 153.
- Mironov, V. L., Toloknov, L. D. - Diffraction of an obliquely incident electromagnetic surface wave on the edge of an impedance half-space. p. 154.
- Adams, A. I., Polev, V. I. - Diffraction of H_g waves on a metal-strip grating of finite length in a rectangular wave guide. p. 157.
- Radov, G. S., Filimonov, V. I. - Simulation of processes in a superhigh-frequency diode described by equations with variable delay. p. 160.
- UKRAINEKYI FIZYCHESKYI KHURMAL (UKRAINIAN PHYSICS JOURNAL), issued by Fizihi fyi Akademi nauk URSR [Department of Physics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 12, no. 5, June 1968.
- Table of contents translated:
- Tukhova, I. R., Khachikbek, Kh. - Pseudopotential for a quasi-classical plasma. p. 58.
- Khachikbek, Kh., Tverdokhleb, V. E. - Use of the spectroscopic method and thermocouples in temperature measurements of acetylene-air flames of low pressure. p. 60.
- Hymanov, A. A., Akhmedov, R. K. - Boundary conditions of the regular thermal regime. p. 66.
- Dzhiki, L. D., Stank, I. V. - Theory of ferroelectricity in a polar model. p. 69.
- Matveev, I. U. G., Prymashenko, V. E., Katshev, G. V. - Effect of metal impurities on the electron state of the real germanium surface. p. 80.
- Belashin, M. S., Kiselev, V. P. - Hydrogen viscosity with constant density in the 18.6° to 300° K range. p. 87.
- Holob, S. I., Orlovskii, M. O. - Characteristics of the homogeneity of silver halosides in the range of temperature annealing. p. 92.
- Dobrovolskiy, V. D., Karal'nyk, S. M. - Investigation of the fine structure of α -absorption edge of zinc in zinc-antimony alloys. p. 97.
- Tarabata, A. S., Chalkin, H. E. - Modes of directly damped π - π junctions at low frequencies. p. 99.
- Bobovits, L. I., and others. - Dislocation mobility in program-hardened lithium fluoride crystals. p. 99.
- Shadleya, S. O. - Effect of tensor forces on nucleon scattering in the nuclear matter. p. 94.
- Merysh, V. P., and others. - Absorption spectra of Mn^{2+} ions in $KMnF_6$ and K_2MnF_6 crystals with perovskite structure. p. 98.
- Korolov, O. M. - Collective levels of even-even spherical nuclei. p. 99.
- Korolov, O. M., Krasutskiy, B. D. - Consideration of exchange interaction of isotopic neutron scattering by even-even nuclei. p. 99.
- L'vovskiy, I. E. - Use of the perturbation theory for description of tensor spin-orbital interaction in an optical model. p. 97.
- Omel'ko, I. S. - Excitons in linear crystals containing impurity molecules. p. 96.
- Mat'ka, S. K., Barabovskiy, O. O., Sokolov, A. V. - Radiation annealing of "primary" γ -defects in single crystals of di-alkane and triglycine sulfate. p. 94.
- Akhmedov, I. M. - First and second sound dispersion in a cylindrical capillary filled with He II. p. 100.
- Akhmedov, I. M. - Effect of antimony impurities on the electric properties of lead telluride. p. 100.
- Borvik, O. E. - Nonlinear spin waves in antiferromagnetic substances in the presence of an external magnetic field. p. 101.
- Daryova, T. O., Dnestrovskiy, I. U. M. - Channelled oscillations of a high density plasma in an electric field. p. 100.
- Krasutskiy, R. S. - Distribution of the current, magnetic field and temperature inside a cylinder with temperature dependent conductivity in a constant longitudinal electric field. p. 100.
- Khar'kov, H. P., Zorin, V. V. - Effect of a γ -field on the magnetic properties of NiFeCo films. p. 101.
- Pedrobenko, A. M. - Transformation of a longitudinal plasma wave into an electromagnetic wave at the interface plasma - dielectric. p. 101.
- Krasutskiy, R. S., Koshkov, V. P., Byvashchikov, S. V. - Single crystal layers of cadmium sulfide. p. 100.
- Chetov, I. U. L. - Reflection of a pulsed plasma wave from a metal surface. p. 100.
- Hushko, L. M., Roshkova, A. M., Tverdokhleb, V. E. - Activation energy of the formation of excited radicals OH, CH, and C₂ in acetylene air flame intensified by a discharge. p. 101.
- Belashin, M. P. - Formation Regge poles and relation between cross sections of large angle scattering. p. 101.
- Krasutskiy, R. S., Likh, M. K., Shchegolev, S. M. - Kinetic conditions on the liquid and vapor interface. p. 100.
- Khachikbek, Kh., Stank, I. V., Doryanova, I. Y. - Problem of the three-dimensional form of the interlayers in iron. p. 101.
- Vlasov, R. M., and others. - Use of germanium alloyed with gallium and zinc in low-temperature thermometry. p. 101.
- JOURNAL EXPERIMENTAL AND THEORETICAL PHYSICS (JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS), issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 34, no. 5, May 1968.
- Table of contents translated:
- Oganesyan, K. O. - Production of charged plasma oscillations between 808 Mev, neutrons at a metal of various elements. p. 177.
- Podgatskii, V. M., Chornov, A. N. - Polarization of scattered radiation from neodymium in a glass base. p. 179.
- Pokrashev, V. O., Kovalev, I. M. - Oscillations in the radiological resonance on the metal surface. p. 177.
- Belashin, M. P., Kiselev, V. V. - Effect of electro-magnetic interaction on the Ni^{2+} absorption bands in magnetically ordered crystals. p. 177.
- Pivov, L. L., Lavashenko, I. U. Z., Grigorenko, A. V. - Ionization of gases by 0.3 Mev. - 1.8 Mev. γ -rays. p. 179.
- Kaplov, M. V., and others. - Effect of the electric moment of Q-switching in the case of pulse pumping of a CO₂ laser on the intensity of the laser pulses. p. 179.
- Thelen, I. U. M., Kiselev, V. V., Shchegolev, S. M. - Electric resistance of thin single crystal plates. p. 179.
- Vaganov, D. I., and others. - Measurements of the polarization of photoelectrons ejected from ferromagnetic substances. p. 179.
- Barabovskiy, G. I., and others. - Effect of stresses on the crack orientation from laser diffraction in transparent dielectrics. p. 179.
- Samokhvalov, A. A., and others. - Magnetic properties of K_2O_2 single crystals at low temperatures. p. 179.
- Ponomarev, R. V., and others. - New type of oscillations of the longitudinal magnetic resonance. p. 179.
- Shchegolev, S. M. - Experimental study of the electron quasi-mosaic effect. p. 179.
- Vodovskiy, V. K., and others. - Diffraction of resonance γ -radiation on the metal and dielectric in the single crystals. p. 179.
- Vedeta, A. P., Kiselev, V. V. - Variation of the refractive index of liquids and glasses in a strong field of a ruby laser. p. 179.
- Ivanov, A. A., Shadleya, S. O., Tverdokhleb, V. E. - Effect of a high-frequency magnetic field on plasma instabilities. p. 179.
- Lashin, V. P. - Dynamics of propagation of a pulsed laser with plasma of moderate density. p. 179.
- Balashov, A. E., Deligina, M. M. - Homogeneity of the magnetic field of nuclei of impurities in ferromagnetic substances. p. 179.
- Krasutskiy, R. S., Rabin, S. G., Shchegolev, S. M. - Theory of a gas laser with nonlinear absorption. p. 179.
- Syrovatskiy, S. L. - Magneto-hydrodynamic equilibrium near the zero line of the magnetic field. p. 179.
- Zavodovskiy, A. - Effect of impurities on the superconducting-type phenomena in a one-dimensional system. p. 179.
- Bolova, R. F., Obiedkov, V. D. - Rotational and vibrational excitation of molecular ions by electron impact. p. 179.
- Kalashov, R. O. - Effect of dislocations on superconductivity. p. 179.
- Ginsburg, S. L. - Scattering of conduction electrons on paramagnetic impurities. p. 179.
- Shchegolev, S. M. - Concerning the theory of energy and spontaneous emission. p. 179.
- Lavashenko, I. U. Z., Mat'ka, S. K. - Current fluctuations in a semiconductor in a strong electric field. p. 179.
- Lordenkii, S. V. - Calculation of the critical currents of foreign particles in a Bose system. p. 179.
- Krasutskiy, R. S. - Electromagnetic excitation of sound in a metallic plate. p. 179.
- Andreev, A. P. - Destruction of superconductors by a current. p. 179.
- Lipov, L. M. - Motion of Coulomb poles in the ϵ plane in quantum electrodynamics. p. 179.
- Kagan, I. U., Akhmedov, A. M., Pivov, I. P. - Theory of the resonance Raman scattering of γ -quanta on perfect crystals. p. 179.
- REFERATIVNIYI KHURMAL' GEOFIZIKA [JOURNAL OF ABSTRACTS GEOPHYSICS], issued by Vsesoyuznyi Institut Nauchnoi i Tekhnicheskoi Informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 12, Dec. 1968.
- RUSSIA (USSR - U.S.S.R.) Ministerstvo Vysshogo i srednego spetsial'nogo obrazovaniya. Sovetskii vysshiiy i sredniy spetsial'niiy uchebnyy tsentr [Ministry of Higher and Secondary Specialized Education, Soviet Union Institute of Scientific and Technical Information]. Moscow, vol. 8, no. 1, 1968.
- Table of contents translated:
- Gerasimov, B. M., Gligorov, G. I. - Traveling ionospheric disturbances. (Review). p. 8.
- Berch, I. U. M., and others. - Experimental study of multi-element arrays of radio telescope UTM-1. p. 20.
- Bula, V. A. - Scattering of a plane wave by a piezoelectric homogeneous plasma with a zero layer. p. 44.
- Chuganov, I. U. V. - Antenna resonances in a magnetoactive plasma. p. 60.
- Tamozkha, V. Y., Fraiman, A. A. - Statistical properties of a field scattered by a rough surface. p. 60.
- Gorvink, A. S., Kallistratov, M. A. - Experimental studies of fluctuation in the arrival angle of light under conditions of strong intensity fluctuations. p. 64.
- Poltchinskii, I. U. M. - Correlation of spatial fluctuations of the amplitude and phase of a wave diffracted on a rough screen. p. 72.
- Degalov, V. I., Denez, E. I. A. - Energy characteristics

- Dmitriyev, V.V., Dubovoy, A.P. - Dynamic polarization and losses in ferroelectric substrates. p.1542.
- Kozlov, P.D. - Direction from the Maxwellian distribution of electrons in a strongly limited plasma. p.1543.
- Kulakovskiy, I.N., Nagnov, I.L., Kharankin, D.I. - New type of the autoallied state of a conductor due from an antiferromagnetic spin order. p.1544.
- Kurpina, V.I., Sokolov, V.D. - Solitons and eigenvalues of the Schrödinger equation. p.1545.
- Kuznetsov, R. - Electric scattering of electrons on liquid atoms. p.1546.
- Kuznetsov, G.M., Litvinov, N.N. - Quantum instability of trapped particles and the conditions of applicability of the quasi-linear approximation. p.1547.
- Kuznetsov, V.G., Savchenko, M.A., Puzosov, A.V. - Effect of dislocations on the line width of neutron ferromagnetic and antiferromagnetic resonances. p.1548.
- Kuznetsov, R.G., Zhuravskiy, I.I. - Theory of thermal conductivity of the dielectric analogs of ferroelectrics. p.1549.

14. MEDICINE

a. GENERAL

AZERBAIJANIN NAUČNOI ENIKH VATEL'NIKII INSTITUT MEDITSINSKOI PARAZITOL'NOI I TROPICHESKOI MEDITSINY TROY (AZERBAIJAN RESEARCH INSTITUTE OF MEDICAL PARASITOLOGY AND TROPICAL MEDICINE, Transcaucasus). Baku, vol. 8, 1985.

- Table of contents translated:
- Dubovoy, A.P. - Motion of electrons in the field of a laser, and organization of control of parasitic diseases in Azerbaijan. p.3.
- Gurpina, V.I. - Types of antiferromagnetic order in Azerbaijan and mechanisms of their realization. p.15.
- Kuznetsov, V.G., Tulev, R.M. - Epidemiological characteristics of myxomatosis in Azerbaijan (Abstract). p.16.
- Kuznetsov, M.G., Mitov, K.L., Gurev, A.I.A. - Organization of therapeutic and prophylactic measures and their effectiveness in the treatment of the population of Azerbaijan infected from myxomatosis. p.24.
- Makharadze, M.A. - Pathogenesis of myxomatosis. p.26.
- Makharadze, M.A. - New edition of myxomatosis virus infection and its prevention in myxomatosis. p.28.
- Kuznetsov, V.G., Tulev, R.M., Kuliev, B.B. - Use of the penicillin growth substance (PGV) and the "growth oil" in control of myxomatosis larvae in the soil. Report No. 1. p.48.
- Kuznetsov, V.G., Dzagidze, J.L. - Use of the penicillin growth substance (PGV) in control of myxomatosis larvae in the soil. Report No. 2. p.45.
- Kuznetsov, V.G., Tulev, R.M., Kuliev, B.B. - Evaluation of the natural environment with eggs of myxomatosis and their behavior in myxomatosis. p.47.
- Aliev, R.H. - Distribution of leishmaniasis in its endemic foci in Karabakh and Transcaucasia of the Azerbaijan S.S.R. p.20.
- Nafizadeh, L.G. - Role of parasites in the distribution and the consequences of leishmaniasis. p.27.
- Makharadze, M.A., Kuliev, B.B. - Myxomatosis (Abstract) treatment of neoplasms. p.52.
- Kuliev, B.B. - Distribution of myxomatosis in the Azerbaijan S.S.R. p.55.
- Kuznetsov, M.V., Kuznetsov, R.H., Kuznetsov, F.A. - Distribution of leishmaniasis in the endemic foci of the water areas of the Baku Bay. p.56.
- Kuznetsov, M.V., Kuznetsov, R.H. - Epidemiological study of the water areas of leishmaniasis. p.72.
- Makharadze, M.A., Kuliev, B.B. - Use of hydrogen peroxide in the treatment of leishmaniasis. Report No. 3. p.75.
- Kuznetsov, V.G. - Main results of the work on the elimination of leishmaniasis in Azerbaijan. p.78.
- Kuznetsov, A.A. - Means of studying malaria and its control in Azerbaijan. p.83.
- Pirumov, R.H. - Organizational systems of malaria control and scientific methodological management which have led to the elimination of malaria in the Azerbaijan S.S.R. p.91.
- Kuznetsov, A.A. - Clinical aspects of inoculated quartan malaria. p.95.
- Kuznetsov, A.A., Kuznetsov, A.I.A. - Effectiveness of the treatment of malaria with stable conduct insecticides on the southern slopes of the Greater Caucasus in the region of intensive agriculture breeding. p.99.
- Kuznetsov, A.A. - Quartan malaria and measures for its prevention in the Azerbaijan S.S.R. p.102.
- Nafizadeh, A.R. - Visceral leishmaniasis in Baku and Karabakh slopes of Azerbaijan, and the problems of its control. p.108.
- Gusev, Z.D. - Lesions of various manifestations in cutaneous leishmaniasis of the I type. p.114.

- Aliev, R.H., Shakhmurov, M.A., Pashayeva, M.I. - Hematology and immuno-metabolic indices during leishmaniasis (Abstract) treatment of visceral leishmaniasis. p.120.
- Kuznetsov, M.I. - Protein metabolism in visceral leishmaniasis. p.124.
- Gusev, Z.D. - Simple and accessible method of mass treatment of cutaneous leishmaniasis. p.131.
- Aliev, R.H., Shakhmurov, M.A. - Treatment of leishmaniasis of different etiology. p.146.
- Mamedov, L.G. - Late results of visceral leishmaniasis in patients treated with sodium. p.155.
- Karimov, L.K., Mamedov, L.G. - Pathomorphological changes in some internal organs during leishmaniasis in mice and dogs. p.164.
- Mamedov, L.G. - Erythrocyte sedimentation reaction in visceral leishmaniasis. p.170.
- Trofimov, G.K. - Materials on the fauna, ecology, and epidemiological significance of grasshopper flies (Diptera, Hippoboscidae) in Azerbaijan. p.107.
- Trifunov, G.K. - Fauna of synanthropic flies of the genus *Hydrotaea* H. (Diptera, Muscidae) in Azerbaijan. p.102.
- Trifunov, G.K., Kuznetsov, L.R. - Study of synanthropic flies in Baku for human leishmaniasis. p.104.
- Makharadze, M.A., Iakubova, N.A. - Mosquitoes in the endemic foci of the Azerbaijan S.S.R., one of the alpine foci of visceral leishmaniasis. p.105.
- Kuznetsov, M.A. - Hematology of *Leishmania tropica* in the endemic foci of the Azerbaijan S.S.R. (Abstract) in the borderlands of Azerbaijan. p.105.
- Kuznetsov, G.A. - Materials on ecology of leishmaniasis (an investigation of the leishmaniasis in the Kura-Aras Lowland of Azerbaijan). p.104.
- Kuznetsov, G.A. - Flying activity of leishmaniasis in the Kura-Aras Lowland of Azerbaijan. p.103.
- Kuznetsov, G.A. - Times for parasitizing in the control of larvae of leishmaniasis of the genus *Leishmania* in the Kura-Aras Lowland of Azerbaijan. p.102.
- Aliev, R.H. - Experiment in reproduction of mixed infection by *Leishmania* of tick-borne relapsing fever and *Leishmania tropica* (Abstract) in mice. p.101.
- Tagi-Zade, T.A., Nafizadeh, A.R. - Culture of leishmaniasis in Baku village of Agdash (Abstract). p.101.
- Tagi-Zade, T.A. - Results of retrospective study of the population of Kura-Aras Lowland for leishmaniasis. p.101.
- Tagi-Zade, T.A., and others. - Natural foci of leishmaniasis in the Azerbaijan physical-geographical area. p.101.
- Kuznetsov, L.Z. - New data on the epidemiology of leishmaniasis. p.101.
- Aliev, R.H., Kuznetsov, L.P. - New characteristics of the ecology of the water vole, and the role in tick-borne relapsing fever in Azerbaijan. p.101.
- Kuznetsov, L.A. - Study of some aspects of leishmaniasis, and the *Leishmania* ticks in Azerbaijan. p.101.
- Kuznetsov, L.A. - Infectiousness of the blood in the incubation period of tick-borne relapsing fever. p.101.
- Kuznetsov, L.A. - Prevention of tick-borne relapsing fever in the Azerbaijan S.S.R. p.101.
- Kuznetsov, L.A. - Study of the morphology of a parasite with polytypic blood for the diagnosis of leishmaniasis. p.101.
- Kuznetsov, L.A. - Frequency of the detection of intestinal *Leishmania* depending on the duration of their presence in the body. p.101.
- Kuznetsov, L.A. - Epidemiology of leishmaniasis in the Azerbaijan S.S.R. p.101.
- Kuznetsov, L.A. - Treatment of leishmaniasis with quinine in combination with saline mineral water. p.101.
- Kuznetsov, L.A. - Lesions of the nervous system in leishmaniasis. p.101.
- Kuznetsov, L.A. - Lesions of the locomotor system in leishmaniasis. p.101.
- Kuznetsov, L.A. - Functional state of the cardiovascular system in leishmaniasis. p.101.
- Aliev, R.H. - Case of congenital hemolytic anemia of Cooley type. p.101.
- Kuznetsov, G.A. - Observations on *Gonadotropin* in some areas of Azerbaijan. p.101.
- Aliev, R.H., and others. - Parasites of the blood in the rodents of Azerbaijan. p.101.
- Kuznetsov, G.A. - Detection of *Orthopoxvirus* in the blood of the southern slopes of the Greater Caucasus within the boundaries of Azerbaijan. p.101.
- Gusev, Z.D. - Morphology of the *Orthopoxvirus* in rodents in mice. p.101.
- Abusheva, M.R. - Case of detection of the *Alseobes* in a mouse in Azerbaijan. p.101.
- Tagi-Zade, T.A., Dorosova, L.P. - Simplified methods of agglutination and typing for serological examination of the population for leishmaniasis. p.101.

- PROLIFERATION EXPERIMENTAL/NOI BIOLOGICAL MYD-THY (PROLIFERATION OF EXPERIMENTAL BIOLOGY AND MEDICINE). Issued by Akademiya meditsinskikh nauk SSSR (Academy of Medical Sciences of the U.S.S.R.). Moscow, vol. 66, no. 10, Oct. 1985.
- Table of contents translated:
- Doroshin, L.N. - Postnatal development of oocyte-like myeloid cells in rabbits following the removal of the upper sympathetic ganglia. p.3.
- Tononovskiy, R.V., Gilev, A.P. - Analysis of central serotonergic structures of the glomerular reflex. p.7.
- Orlov, R.M., Kalkin, A.T. - Changes in the membrane potential of myonucleolar cells in response to stretching. p.10.
- Kuznetsov, P.K. - Effect of cholinesterase inhibitors and the removal of the pancreas on postnatal development of neuroendocrine transmission. p.13.
- Kuznetsov, V.I., Chernikov, L.N. - Blood pressure in the right cardiac ventricle during increased pressure in the upper respiratory tract in dogs. p.14.
- Kuznetsov, L.K., Vileva, L.A. - Mechanism of the increase in the venous outflow from skeletal muscles following intravascular infusion of hypertonic solution. p.16.
- Kuznetsov, R.M., Kuznetsov, M.V. - Dynamics of the permeability of hemolysis between two rates for radioactive phosphorus. p.18.
- Kuznetsov, N.I. - Regulation of the hemopoietic system on blood flow at a late period following recovery from acute radiation sickness. p.21.
- Kuznetsov, R.F. - Synthesis of protein and RNA in the liver in rabbits following hemorrhage. p.23.
- Kuznetsov, O.N., Kuznetsov, L.S. - Changes in the optical density of hepatic and cardiac mitochondria in mice with myxomatosis. p.25.
- Kuznetsov, M.A., Kuznetsov, A.V., Kuznetsov, A.V. - Hematological. p.28.
- Kuznetsov, M.B. - Comparison of some indices of the protein metabolism with the performance of physical changes in liver tissue. p.29.
- Kuznetsov, M.I. - Biology of liver (Kachin-Berk) disease. p.31.
- Kuznetsov, M.B., Kuznetsov, V.N. - Immunohistochemical studies of group differences of total blood sera in mice. p.34.
- Kuznetsov, Ch.S. - Histology of the blood and liver in experimental cholesterol atherosclerosis in rabbits. p.38.
- Kuznetsov, K. - Landau, H. - Effect of thyroid on the lipolytic activity and the content of glyceride lipids in the liver of white rats. p.38.
- Kuznetsov, R.F., and others. - Effect of nitrogen metabolism on the respiration and oxidative phosphorylation of liver mitochondria in irradiated animals. p.41.
- Kuznetsov, R.Z. - Content of amino acids and amino acids in the liver tissue. p.44.
- Kuznetsov, L.A. - Effect of pyruvate derivative of carboxylic acid on the metabolic acid metabolism in the liver and spleen of rats. p.46.
- Kuznetsov, R.H., Zaslavskiy, A.V., Melnikov, P.V. - Effect of pyruvate on the activity of ketone bodies in the liver. p.48.
- Kuznetsov, M.N., Kuznetsov, P.A., Kuznetsov, T.M. - Significance of neuroendocrine in the mechanism of the effect of psychotropic substances. p.54.
- Kuznetsov, L.S., Gilev, A.P. - Antiarhythmic properties of some isolated alkaloids. p.56.
- Kuznetsov, R.H. - Effect of dehydrated acid on diabetes. p.58.
- Kuznetsov, V.K. - Effect of neurotropic substances with central action on conditioned reflex apparatus of ACTH. p.58.
- Kuznetsov, T.A., and others. - Some data on the role of disintegrating agents in the reproduction of viruses. p.64.
- Kuznetsov, V.G. - Pathway of RNA from the cells of Kozlov's carcinoma. p.66.
- Kuznetsov, M.A. - Mechanism of the leishmaniasis effect of new hormones. p.71.
- Kuznetsov, R.H. - Transplantation of the anterior hypophyseal lobe. p.75.
- Kuznetsov, V.I., Kuznetsov, G.A. - Study of the immunodepressive properties of antileukocyte sera. p.77.
- Kuznetsov, R.H. - Regenerative capacity of gastric tissues in acute radiation sickness. p.80.
- Kuznetsov, A.G. - Epithelial growth of the prostate implanted by Laxarova's method. p.84.
- Kuznetsov, G.S. - Histological and structural characteristics of the growth and transformation of cartilage tissue in cultures and in vivo. p.88.
- Kuznetsov, I.D. - Effect of methionine on the proliferation of the epithelium of the duodenal crypts in mice. p.93.
- Kuznetsov, T.A., Kuznetsov, N.I. - Isolation of labeled thymidine into hepatic cells in mice following preliminary effect of cortisone. p.96.
- Kuznetsov, A.D. - Growth intensity in rats at an early age following interference on external metabolism. p.97.
- Kuznetsov, T.I. - Development of antiproliferative action, derived from the dorsal thalamus, in the optic thalamus in rabbits. p.100.

- Pilipenko, V. I. - Development of the structural organization of the olfactory analyzer in ontogeny. p. 105.
- Kuchalova, I. S. - Topography of the changes in cerebral neuroglia in white mice during starvation. p. 109.
- Yorodin, O. M., Kuznetsov, S. P. - Effect of limited decoction (Limonis unguis-cati L.) on morpho-functional changes in pancreatic cells in the latest form of alloxan diabetes. p. 112.
- Lama, F. L., Semakova, M. L., Zakharova, M. S. - Dynamics of morphological changes in the adrenal cortex following antipertussis vaccination. p. 115.
- Feigal'man, S. S., Mal'khi, L. N., Kuznetsov, S. V. - Morphological changes in rabbits as a result of prolonged introduction of tryptophan. p. 119.
- Meerov, O. L., Ryshkov, N. P. - Radiometric method for determining the activity of glucose-6-phosphatase. p. 123.
- FRUNKE. KIROVSKII GOBUDAVSTVENNYI MEDITSINSKII INSTITUT. Sbornik nauchnykh rabot [KIROVSKII STATE MEDICAL INSTITUTE. Papers]. Vol. 40, 1966. Physiology and pathology of the cardiovascular system. Materials of the scientific conference of May 18-19, 1966.
- Table of contents translated
- Frenkel', G. L. - Parameters of hemodynamics. p. 13.
- Aliev, Sh. A. - Hematological, hemodynamic, osmotic and biochemical shifts in burn shock caused by boiling water. p. 13.
- Aliev, Sh. A. - Hemodynamic, hematological, biochemical, and osmotic shifts in burn shock caused by flame. p. 22.
- Gol'dberg, P. N. - Principal reasons and deciding conditions of the origin of the shock. p. 23.
- Tilla, A. D., Fabrikant, S. B., Danilova, V. V. - Course of a shock following transfusion of heterologous blood, depending upon the method of administration of such blood. p. 33.
- Kamozova, S. O. - Some material on the problem of raising the resistance of the organism to a post-traumatic shock. p. 34.
- Dacharov, S. B. - Mechanisms of reflex reactions from carotid receptive zones. p. 44.
- Lapshina, Z. A. - Some characteristics of mineral metabolism in massive hemorrhages. p. 47.
- Kamozova, S. A. - Changes in the hemoglobin, lipids, and protein in the blood of dogs following hemorrhages, depending upon the weight and sex of the dogs. p. 53.
- Shaliev, K. S. - Blood transfusion operation in the treatment of blood circulation disorders following experimental poisoning by snake venoms. p. 55.
- Baklanov, B. G. - Functional and morphological changes in the heart following maximum physical load under experimental conditions. p. 64.
- Mirzakhmetov, M. M., Grinshchik, B. I. A. - Adaptation of the myocardium to highlands. p. 71.
- Dacharov, S. B. - Changes in the ventilation function of the lungs in the process of adaptation to the highlands. p. 80.
- Kadyraliev, A. K. - Changes in the blood circulation following acute hemorrhages under alpine conditions. p. 80.
- Motieva, X. S. - Some hemodynamic indices following experimental hypertension in animals of different ages living under alpine conditions. p. 94.
- Isakova, D. I., Isakova, S. I., Dacharov, S. B. - Circulation rate and venous pressure in patients with decompensated cardiac defects living in the city of Frunze and in those having arrived from alpine regions. p. 98.
- Alshukova, A. U. - State of the acid-base equilibrium in patients with decompensated cardiac defects having arrived from alpine regions, and in permanent residents of the city of Frunze. p. 101.
- Isakova, S. I. - Characteristics of the effect of atropine on cardiovascular insufficiencies under alpine conditions. p. 106.
- Khalimov, O. Sh. - Effect of hypoxia on the function of the cardiovascular system following hemorrhaging due to hypothermia. p. 118.
- Solomon, P. A. - Some hemodynamic shifts in the process of acclimatization to a desert. p. 125.
- Kalishchik, I. T. - Adaptive-compensatory role of the thyroid gland in healthy persons and in patients with cardiovascular diseases. p. 127.
- Dobrova, S. M. - Diagnostic significance of the changes in the fundus oculi in some cardiovascular diseases. p. 131.
- Urupova, M. I. A. - Clinical aspects of rheumatic pericarditis. p. 135.
- Bagirova, L. R. - Diastolic mellitus and myocardial infarct. p. 143.
- Baklanova, S. S. - External respiration in acute indices of cor pulmonale. p. 146.
- Kalishchik, I. T., Lavrenko, R. O. - Decompressed chronic cor pulmonale and blood viscosity. p. 148.
- Qadievskii, G. A. - Some data on the effect of salinity on the myocardium. p. 154.
- Dacharov, S. B. - Some hemodynamic indices in women with arterial hypertension. p. 158.
- Lobedeva, I. M. - Changes in the mass of circulating blood in women in pregnancy. p. 160.
- Isakova, S. I. - Comparative evaluation of the effectiveness of Kirghiz erythrocyte and atropine "K" in the treatment of chronic cardiac insufficiency. p. 174.
- Atkhanova, A. U., Urupova, M. I. A. - Effectiveness of the use of Adonis Thurestanica in the treatment of blood circulation disorders in rheumatic cardiac defects. p. 177.
- Mashayeva, S. I. - Some indices of the state of the cardiovascular system in pneumoconiosis in southern Kirghizia. p. 181.
- Zharov, A. Kh. - Rate of the blood flow in school-

- age boys under Kirghizstan alpine conditions, according to the osmotic method. p. 186 (DNLN).
- Vol. 41, 1967. Scientific papers of postgraduate students and staff physicians.
- Table of contents translated
- Shchastlivyi, O. I. A. - Some characteristics of heart "rescue" in prolonged stimulation of extracardiac nerves. p. 2.
- Shchastlivyi, O. I. A. - Effect of the frequency and intensity of the stimulating current on the cardiac activity. p. 4.
- Protodina, V. M. - Effect of ionizing radiation on the electric activity of muscular tissue. p. 13.
- Protodina, V. M. - Effect of ionizing radiation on the excitability of the vestibular apparatus. p. 17.
- Karamova, A. Kh. - Bioelectric studies of electric cardiac fibrillation. Report No. 2. p. 21.
- Karamova, A. Kh., Vlasov, S. P. - Manifestation of "physiological tachycardia" in the occurrence of electric cardiac fibrillation. p. 23.
- Akramov, K. Kh. - Arterial homeostasis overcoming linear incompressibility. p. 34.
- Kashcheev, D. K. - Stenosis of blood vessels. p. 37.
- Gorbatenko, M. V. - Seasonal fluctuations of lethal outcomes in diseases of the cardiovascular system and lungs. p. 40.
- Usmanova, A. A. - Subperiosteal regeneration of a tubular bone in white rats under high-altitude conditions. p. 45.
- Alshukova, S. I., Kustov, D. K. - Microtopography of the thyroid gland in Citellus fulvus and Matrix leucosticta. p. 51.
- Frank, E. V. - Food of isomorphisms in fur farming. p. 55.
- Kochorbaev, T. K. - Dynamics of vegetating of the human type Mycobacterium strain III in the organism of guinea pigs. p. 60.
- Kochorbaev, T. K. - Comparative study of the transforming properties of Mycobacterium strain III and BCG under experimental conditions. p. 66.
- Tyabekov, B. T. - Results of serological screening of separate population groups for Q rheumatism. p. 70.
- Shaliev, K. S. - Clinical and laboratory characteristics of the course of rheumatism under high-altitude conditions. p. 74.
- Vasileva, E. M. - Dynamics of the content of serum lipids in patients with systemic lupus erythematosus under steroid treatment. p. 79.
- Kashcheev, D. K. - Characteristics of the clinical development of rheumatism in the active phase, based on materials of the clinic of hospital therapy of the 8th course (1963-1966). p. 84.
- Abdullayeva, M. A. - Results of compound treatment of patients with different forms of rheumatism in the active phase, based on materials of the clinic of hospital therapy of the 8th course during the past three years. p. 88.
- Morozova, M. M., Pavlova, V. A. - Immediate and late results of antitumor therapy in gastric cancer of the stomach and duodenum. p. 94.
- Baklanova, S. S., Malyshova, S. M. - Immediate and late results of antitumor therapy in gynecological inflammatory diseases. p. 101.
- Lashchinskii, A. V. - Congestive whole blood in practically healthy children under conditions of Kirghizia Highlands. p. 107.
- Alshukova, I. F. - Thromboelastographic method of studying the fibrin-stabilizing factor. p. 109.
- Zharov, M. Kh. - Average arterial pressure in school-age boys under the conditions of the high-mountain (city of Maryn) and low-mountain (city of Frunze) regions of Kirghizia. p. 118.
- Gorbatenko, M. V. - Significance of obstetric anamnesis in women having given birth to infants with the hemolytic disease. p. 125.
- Cherednik, M. M. - Congenital agglutination in oligoproteinemia. p. 131.
- Mashayeva, S. I. - Therapeutic use of phenazine in asthma and inhibitory states. p. 137.
- Aralbayev, T. A. - Early morphological changes in the intestines following severe burns. p. 141.
- Aralbayev, T. A. - Intravital angiography of the intestines in extensive burns. p. 147.
- Kaliev, U. R. - Role of the level of arterial pressure and the time factor in the pathogenic effect of graduated hypoxia caused by acute hemorrhage. p. 143.
- Kaliev, U. R. - Pathomorphological changes in internal organs during graduated hypoxia of various degrees and duration. p. 148.
- Agatayev, D. A. - Analysis of lethal outcomes in patients with adenoma of the prostate. p. 154.
- Agatayev, D. A. - Perineal puncture biopsy using a modified instrument, in the diagnosis of diseases of the prostate. p. 161.
- Vyndyev, U. B. - Early detection, diagnosis, and treatment of congenital hip dislocation. p. 163.
- Vyndyev, U. B. - Results of open setting of congenital hip dislocation, according to materials of the orthopedic section of the Kirghiz Republic Clinical Hospital. p. 177.
- Atkhanova, A. U. - Frequency of the occurrence of arthritis, according to materials of the Kirghiz

- Republic Consultative Polyclinic in Frunze. p. 171.
- Mirzakhmetov, M. M. - Bone biochemical examinations of the patients following amputation of the thigh, and their significance for the study of late results of the application of prostheses. p. 173.
- Assanbayev, Zh. T. - Comparative X-ray data of humero-, humero-, and metallo-osteosynthesis in experimental fractures of the femoral neck. p. 181.
- Assanbayev, Zh. T. - Apparatus for performing closed metallic osteosynthesis in fracture of the femoral neck. p. 184.
- Sakharova, S. U. - Comparative data on the treatment of pulpitis with biocytin and calcium hydroxide; preliminary report. p. 188.
- Isakova, A. I. - Causes and mechanisms of pathological hemorrhages in labor. p. 193.
- Flaker, F. M., Dikunabova, M. K. - Werga's test in early diagnosis of glaucoma. p. 194.
- Flaker, F. M. - Some topical functions in glaucoma. p. 201.
- Alshukova, S. U. - Use of I. I. Donnikov's method in measuring the blind spot. p. 203.
- Mamta, M. I. - Treatment of dermatomycosis with griseofulvin under alpine conditions. p. 208.
- Arbutov, V. I. - Content of sugar and adrenaline in the blood, and 17-hydrocorticosterones in the urine, of patients with eczema, following pyrogenal treatment. p. 209.
- Bokhtov, A. B. - Further observation of the functional state of the skin in trichomycosis during X-ray treatment. p. 213.
- (DNLN)
- Vol. 42, 1967. Effect of physical and chemical factors of the external environment on the organism; collection of papers on materials of a scientific conference.
- Table of contents translated
- Ryapayev, S. R., Mamedov, M. M., Abdullayev, K. D. - Some problems of the natural movement of the urban population of Kirghizia. p. 3.
- Akmalov, A. A., Mamedov, M. M., Abdullayev, K. D. - Indices of mortality due to cardiovascular diseases among the urban population of Kirghizia. p. 4.
- Kokkolov, S. D. - Neoplasm as the cause of disability among the population of the city of Frunze. p. 8.
- Khalimov, I. M. - Improving the climatic factors in the city of Frunze. p. 7.
- Solomon, P. A. - Human heat metabolism during adaptation to a desert. p. 8.
- Tarabekov, B. T., Dzhakova, L. A. - Electrocardiographic characteristics of the cardiac activity in children, native residents of different Non-Steppe highlands. p. 11.
- Madyga, R. A. - Some problems of a day's regimen for preschool-age children in the city of Frunze. p. 12.
- Sepalova, M. D. - Asymmetry of arterial pressure in hypertensives under flat-terrain conditions. p. 14.
- Lashchinskii, A. V. - Prothrombin index in practically healthy school-age children under alpine (city of Maryn) and flat-terrain conditions (village of Kirovskoye) in Kirghizia. p. 16.
- Khamzayev, M. Kh. - State of the resistance of the capillaries, according to Messerov's method, in school-age boys under Kirghiz alpine (city of Maryn) and flat-terrain (city of Frunze) conditions. p. 18.
- Adashbayev, E. A. - Effect of galactose, prepared from the roots of the Turkistan barberry (B. heterophylla) which grows in Kirghizia, on the cardiovascular system. p. 20.
- Teplits, V. V., and others. - Study of the functional state of the skin in eczema and psoriasis under Kirghiz conditions. p. 23.
- Dobrova, S. M., Mirzakhmetova, S. M. - Diseases of the eyes caused by ultraviolet rays. p. 25.
- Bukin, E. I. - Adaptive mechanisms and excitation and inhibition processes. p. 27.
- Akybekov, K. M., Akhmedov, Sh. I. - Materials on seasonal changes in the morphology of the thyroid gland. p. 32.
- Kadyraliev, A. K. - Electrocardiographic shifts in animals following acute hemorrhages under alpine conditions. p. 34.
- Kopytin, B. M., and others. - Changes in the functional state of the liver in white rats kept under alpine conditions. p. 36.
- Dacharov, S. B. - Changes in the histamine content in the blood and liver of rats under the effect of hypoxia in conditions of the city of Frunze and the alpine pass of Tyura-Ataa (altitude 3800 m). p. 38.
- Chokoev, Zh. A. - Changes in the carbohydrate metabolism indices in the myocardium in white rats following hypoxia. p. 41.
- Kamozova, S. A. - Adrenocorticotrophic activity of the hypophysis and the functional state of adrenal glands in rats during their adaptation to moderate elevations in Kirghizia. p. 43.
- Khamzayev, I. M. - Reactions of intact rats to small doses of ACTH, and of those subjected to administration of prednisolone during a two-month period of adaptation to natural altitudes (3800 m). p. 44.
- Kopytin, B. M., and others. - Effect of the inhibitor mononucleoside (aprazin) on some indices of the functional state of the liver and adrenal glands in white rats under normal and decreased barometric pressures. p. 47.

- Golobov, V. P. - Isolation process in white mice vaccinated against tuberculosis and brucellosis; abstracts; preliminary report. p. 60.
- Gozis, V., and others. - Toxicity of a type-grapple alloy. p. 53.
- Gozis, V. I. - Using the Widal reaction for retrospective diagnosis of salmonellosis; preliminary report. p. 68.
- Umarov, K. - Study of the sensitivity of dysenteric and enteropathogenic cultures to antibiotics. p. 71.
- Korkin, A. A. - Mucus of the anterior surface capsule of the shoulder joint in newborn infants; preliminary report. p. 77.
- Rachkov, A. O. - Comparative anatomy of the parotid in the mammalian class; preliminary report. p. 79.
- Zolotarev, G. R. - Correlation of the rudimentary elements in newborn infants. p. 81.
- Konarev, G. A. - Hypoglossal nerve in newborn infants; preliminary report. p. 83.
- Alperin, L., and others. - One method of experimental analysis of the association of similarity. p. 84.
- Pokhil'ko, T. T. - Models in physiology and biochemistry. p. 87.
- Mizubetova, D. M., Shcherbakova, D. I., Erokhina, N. R. - Effect of exercise therapy on the circulation rate and vascular pressure in patients. p. 88.
- Balashov, A. - Some forms of functional disorders in the conductivity of the heart. p. 90. (DNLIM)
- KARDIOLOGIYA [CARDIOLOGY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, Nov.-Dec. 1968. Table of contents translated.
- Zarytova, K. M. - Georgii Yakovlevich Lang; on his 60th birthday. p. 3.
- Moskharov, A. L., and others. - Significance of stenosed lesions of the renal arteries in the development of arterial hypertension. p. 7.
- Il'inskiy, B. V., Petrova, M. P. - Urinary secretion of 4-pyridoxal acid in coronary atherosclerosis. p. 14.
- Dunbo, A. G. - Level of the arterial pressure in sportsmen. p. 16.
- Korotkiy, M. I. - Rehabilitation of cardiovascular patients. p. 24.
- Fogel'son, L. I., and others. - Temporary disability in hypertension. p. 26.
- Alakseev, G. K. - Some pathogenetic and clinical characteristics of repeated myocardial infarcts and their prevention. p. 30.
- Frol'kin, V. V., Kam'menskaya, U. A. - Metabolic changes and cardiac reactions in experimental pituitary-induced coronary insufficiency. p. 41.
- Jumakovskiy, N., Salpas, P. - Hemodynamic effect of a transaortic electric impulse in cardiac fibrillation of diverse origin. p. 47.
- Whitfin, V. P. - Adaptation of the myocardium to increased static resistance of the vessels in hypertension. p. 53.
- Tatuk, V. I. A. - Treatment of an attack of paroxysmal tachycardia with a single electric cardiac stimulation. p. 54.
- Volynskiy, E. M., Gogin, E. R. - Once more about pericarditis originating from injury of the pericardium, and also about atrophic pericarditis; problems of classification and terminology. p. 60.
- Reverin, L. M. - Premature cessation of the ventricles of the heart, the Wolff-Parkinson-White syndrome; clinical and electrocardiographic observation. p. 66.
- Kononov, R. D., Guseva, I. M. - Phonocardiography in isolated valvular stenosis of the pulmonary artery. p. 64.
- Kedrov, A. A. - Profile of a cardiologist. p. 67.
- Gondosheva, E. I., Davidovskiy, K. M. - Pharmacological characteristics and therapeutic effectiveness of the new antihypertensive agent ajmaline; survey of the literature. p. 71.
- Parin, V. V. - Basic results of scientific research on "Physiology and pathology of the cardiovascular system and respiration" for 1964. p. 76. Awarding of the International Prize "Gold Stethoscope." p. 87. (DNLIM)
- KAZANKIY MEDITSINSKIY JURNAL [KAZAN MEDICAL JOURNAL].** Organ of Ministerstvo zdravookhraneniya Tatarskoy ASSR and Sovetskoy meditsinskoy akademii [Ministry of Health of the Tatar A.S.S.R. and the Council of Medical Academies]. Kazan, no. 6, Nov.-Dec. 1968.
- KOSMOPOLITNAYA BIOLOGIYA I MEDITSINA [SPACE BIOLOGY AND MEDICINE].** Moscow, vol. 3, no. 3, Mar.-Apr. 1968. Table of contents translated.
- Vorob'ev, K. I., and others. - Radiation hazards of prolonged space flights, and radiobiological studies. p. 3.
- Parin, V. V., and others. - Some results of the biomedical experiment in the "Kosmos-186" biosatellite. p. 7.
- Meislov, I. U. G., and others. - Quantitative evaluation of the function of the cardiovascular system in astronauts during a prolonged orbital flight. p. 14.
- Smirnov, K. V., Lapshin, A. A. - Feeding of test animals in space flights. p. 23.
- Asashita, O. D. - Functional state of the blood coagulation system in dogs following 22-day flight in the "Kosmos-186" satellite. p. 24.
- Agdzhalian, M. A., and others. - Effect of high oxygen concentrations on the animal organism. p. 24.
- Kotova, E. S., Savina, E. A. - Cytomorphological characteristics of hemodynamic features in the vascular system of the eye in rabbits under the effect of anoxia. p. 28.
- Smirnov, V. V., and others. - Method of isolating metastases from cultural fluids of Chlorella. p. 43.
- Belikova, M. I., and others. - Study of the process of urea decomposition by urease. p. 48.
- Korshakov, P. A., and others. - Quantitative and qualitative distribution of bone marrow in adult dogs. p. 51.
- Chervakov, F. S., Tishakov, V. V. - Miniature telemetric device for the transmission of electro-synapses. p. 55.
- Kakurin, L. I. - Effect of prolonged restriction of muscular activity on the human body, and the hypokinetic component of weightlessness. p. 59.
- Dudakov, B. A., Zolotarev, A. K., Komolodskiy, P. P. - Changes in the dynamics of some physiological functions in man during prolonged stay in a small enclosure. p. 64.
- Svetova, V. V., Turonkova, E. G. - Intolerance tolerance of human mental activity. p. 70.
- Lebedev, V. I., Chirkov, L. F. - Role of the vestibular analyzer in human spatial orientation under conditions of weightlessness during flights. p. 76.
- Agdzhalian, M. A. - Problems of space biology and medicine at the Eight Congress of the International Astronautical Federation. p. 80.
- Khamis, I. M., Komolodskiy, P. P., Balanov, P. V. - Activity of the eyelid and space medicine section of the Moscow Physiological Society in 1967. p. 84.
- Levin, V. I. - Possibility of survival of earth organisms under "Martian" conditions, based on data of foreign literature. p. 87.
- Davydov, G. A. - Plenum of the aviation and space medicine section of the Moscow Physiological Society devoted to the 54th Anniversary of the October. p. 90.
- Vol. 3, no. 3, May-June 1968. Table of contents translated.
- Grigorieva, R. - Psychomotor reactions in monkeys during flights along a ballistic curve. p. 3.
- Kryuchuk, L. A., Oreshkin, V. G. - Effect of barbituric and acetylcholinesterase inhibitors on mice in prolonged hypokinesia. p. 7.
- Masurov, A. R., and others. - Effect of hypoxia on thoracic organs in white rats. p. 13.
- Lebedev, E. K., and others. - Stabilization of the concentration of the elements of mineral nutrition during prolonged cultivation of Chlorella on recovered medium. p. 16.
- Chirkov, R. B., and others. - Study of the oxidative-metabolic method of mineralization of wastes in the system of the excretion of substances. p. 23.
- Darg, V. A., Korovin, B. G. - Mathematical model of life-support system. p. 28.
- Korobkov, A. V., and others. - Dynamics of orthostatic stability in sportsmen following 48-day hypokinesia. p. 32.
- Korobova, A. A., Vlasovskiy, I. B. - Dynamics of diurnal changes, excretion of creatinine, and the average dermoepithelial layer in sportsmen during prolonged hypokinesia. p. 44.
- Cherashkin, M. A. - Effect of prolonged bed rest on the muscular tone and proprioceptive reflexes in healthy persons. p. 43.
- Georgievskiy, V. R., Mitshakov, V. M. - Effect of hypokinesia on blood circulation in man. p. 48.
- Perakhin, I. U. M., Petrov, R. M. - Neurological changes in healthy persons following two-month hypokinesia. p. 61.
- Pustova, R. K., Tishkov, V. A. - Arterial tension in relation to restricted muscular activity in man. p. 64.
- Kamsharov, O. M. - Concept of "personality and environment" in experimental space psychoneurology. p. 67.
- Shostak, V. I. - Mechanisms of the effect of intense photic stimuli on the visual analyzer. p. 78.
- Dudakov, L. I., Guseva, E. K., Ivanov, V. S. - Limits of human tolerance to infrared laser irradiation. p. 73.
- Petrovskaya, E. I., Tereboshenko, A. P., Volynskiy, V. M. - Effect of vegetative diet, including bioactive of unicellular algae, on the excretion and balance of mineral elements. p. 78.
- Chernishov, L. M., Makstov, I. V., Asherovskiy, P. I. A. - Loss of moisture under conditions of low atmospheric pressure. p. 81.
- Kalishchikova, I. B., Mitshakov, G. A. - Variation pulmonary and indices of the function of external respiration under the effect of acute hypoxia on the human organism. p. 87.
- MEDITSINSKIY REPERATIVNIY JURNAL [MEDICAL ABSTRACTS].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Ruzdel (section) 1, vol. 13, no. 11, Nov. 1968. Ruzdel (section) 3, vol. 13, nos. 10-11, Oct.-Nov. 1968. Ruzdel (section) 3, vol. 13, nos. 11-12, Nov.-Dec. 1968. Ruzdel (section) 4, vol. 13, nos. 12-13, Oct.-Dec. 1968. Ruzdel (section) 5, vol. 13, no. 8, Sep. 1968.
- Ruzdel (section) 6, vol. 13, no. 9, Sep. 1968. Ruzdel (section) 7, vol. 13, nos. 8-9, Aug.-Sep. 1968. Ruzdel (section) 9, vol. 13, nos. 11-12, Nov.-Dec. 1968. Ruzdel (section) 10, vol. 13, no. 9, Sep. 1968. Ruzdel (section) 11, vol. 13, no. 8, Sep. 1968. Ruzdel (section) 13, vol. 13, nos. 11-12, Nov.-Dec. 1968.
- MOSCOW. TSENTRAL'NIY INSTITUT OSVOBOZHDENIYA VRACHENIY [CENTRAL INSTITUTE FOR POSTGRADUATE TRAINING OF PHYSICIANS. TRANSACTIONS].** Vol. 51, 1968. Application of metallic prostheses to nerves. Table of contents translated.
- Vyreshov, I. U. R., Savoleva, L. A. - Boris Vlasimovich Ognev. p. 5.
- Ognev, B. V. - Application of metallic prostheses to nerves. p. 8.
- Ognev, B. V., and others. - Manufacture of micro-electrodes with isolation for application of prostheses to nerves. p. 28.
- Koroleva, M. R. - Application of prostheses to the sciatic nerves in rabbits and dogs. p. 37.
- Ognev, B. V., Bostugina, A. A. - Change in the peripheral portions of interposed and prosthetic-provided sciatic nerves in monkeys. p. 38.
- Bostugina, A. A. - Observations of the changes in the motor endings of nerves of the musculus gastrocnemius in dogs following application of prostheses to the sciatic nerves under conditions of a prolonged experiment. p. 48.
- Skudernova, A. A. - Microanatomy of the facial nerve trunk at different stages, following interposition and application of prostheses with specific metalloconductors. p. 66.
- Ishel'son, I. A. B. - Home physiologic parameters in degeneration and regeneration processes of the facial nerve under experimental conditions. p. 68.
- Skudernova, Z. A. - Histopathology of the nerve trunk in the region where special metalloconductors have been introduced. p. 100.
- Skudernova, Z. A. - Characteristics of denervation and reinnervation processes of the sciatic nerve in dogs following specific metalloconductor application in interposed facial nerves. p. 107.
- Skudernova, Z. A. - Heterogenic regeneration of the facial nerve following its grafting with the central segment of the hypoglossal nerve. p. 134.
- Ishel'son, I. A. - Laryngeal paralysis and application of prostheses to the inferior laryngeal nerve. p. 161.
- Vyreshov, I. U. R. - Prosthesis application to the vagus nerves; experimental study. p. 181.
- Skudernova, Z. A. - Data on extensive electrodiagnosis and electromyography of the degeneration and regeneration of the facial nerve following metalloconductor-equipped prostheses application. p. 192.
- Poleshchikov, K. F., Chumak, V. I. - Conducting the stimulation of a nerve provided with a metallic connective prosthesis. p. 205. (DNLIM)
- MARODNIY UNIVERSITET [Fakultet zdravookhraneniya (PEOPLE'S UNIVERSITY) Faculty of Health].** Moscow, nos. 8, 10-12, 1968.
- REPERATIVNIY JURNAL: MEDITSINSKAYA GEOGRAFIYA (Medical Geography) [JOURNAL OF ABSTRACTS: MEDICAL GEOGRAPHY (Supplement issue 88)].** Issued by Institut nauchnoy informatsii of the Academy of Sciences of the U.S.S.R. Moscow, nos. 11-12, Nov.-Dec. 1968.
- SOVETSKOYE ZDRAVOOHRANENIYE KIRGIZIY [SOVIET HEALTH SERVICE OF KIRGIZIA].** Issued by Ministerstvo zdravookhraneniya Kirgizskoy SSR [Ministry of Health of the Kirgiz S.S.R.]. Frunze, no. 5, Sep.-Oct. 1968.
- VOENNO-MEDITSINSKIY JURNAL [JOURNAL OF MILITARY MEDICINE].** Issued by Voenno-meditsinskoye upravleniye Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 11, Nov. 1968. Table of contents translated.
- Serikov, V. I. - Lening's theoretical heritage. p. 3.
- An echinococcal worker. p. 8.
- Bukharov, K. P., Ryzhik, V. G. - Work organization of receiving and distributing at a therapeutic field mobile hospital under mass admission of patients. p. 8.
- Makarovskiy, V. R., and others. - Clinical characteristics of acute pneumonitis caused by Mycoplasma. p. 13.
- Ivanov, A. I. - Coeclidiomycosis; a review of the literature. p. 14.
- Zak, M. S. - Characteristics of the course of chronic pneumonitis in different climatic zones. p. 23.
- Gusakov, A. M., and others. - Results of radiotherapy in laryngeal cancer. p. 25.
- Rytov, A. M. - Momenalure and classification of functional diseases (disorders) of the stomach. p. 30.
- Kishchinskaya, A. M., Doroshov, V. F. - Characteristics of X-ray detection of chondral peptic ulcer in young persons. p. 36.
- Apalov, A. K., Dranitskiy, I. U. - Gastric cancer in young persons. p. 41.
- Konashnikov, R. G. - Comparative physiological characteristics of exercise combat training of soldiers.

- wearing gas masks under different climatic conditions, p. 45.
- Orashuk, I. G., and others. - Study of the injurious effect of periodic gamma irradiations, p. 48.
- Filipovsk, I. U. V., and others. - Accelerated determination of infectiousness in rodents in tularemia foci, p. 52.
- Valentsov, A. L., Valitov, A. P. - Clinical characteristics of adenovirus diseases in servicemen, p. 54.
- Kuz'mich, M. S., Ushakov, D. A. - Changes in the locomotor apparatus and peripheral nervous system in airborne troops, p. 54.
- Khalov, K. L., and others. - Adaptive changes in the auditory system of the radio operator during a long flight, p. 59.
- Rockegolov, V. S. - Effect of prolonged stay in gaseous environment with increased carbon dioxide content on the organism, p. 61.
- Vladimirov, I. V., and others. - Intravenous introduction of therapeutic preparations in primarily detected destructive forms of pulmonary tuberculosis, p. 63.
- Perkins, G. G. - Use of diacid in surgical practice, p. 66.
- Onakovsky, V. K., Khachaturov, G. S. - Resuscitation of patients in severe forms of carbon monoxide poisoning, p. 68.
- Kuk, I. M. - Diagnosis and treatment of botulism infection and intoxication, p. 68.
- Rafson, G. M., Mendez, B. A. - Cause of acute oxygen starvation in an isolating respiratory apparatus, p. 71.
- Perkins, I. V., Apakhanov, V. V. - Rare case of penetrating wound through the thorax, p. 73.
- Berdichevskii, M. I. A. - Catastrophic evaluation of expert decisions on sequelae of closed traumas of the brain, p. 73.
- Gurben, V. M. - Early detection of primary forms of pulmonary tuberculosis in servicemen, p. 77.
- Makshapetov, B. A., Syvagin, V. F. - Apparatus for the introduction of contrast media in stress pneumo-angiography, p. 80.
- Ostrovskii, V. F. - Pneumodynamometer for the determination of neuromuscular stress in pilots, p. 81.
- Belov, A. L. - Military medicine of the Third White Russian Front in battles for the liberation of White Russia, p. 83.
- Babushkin, V. I., Romashov, V. V. - Physiological problems connected with flights at low altitudes, p. 87.
- Mashkov, G. V., Bobota, A. G., Chubukov, B. A. - Third All-Union Symposium on the problem "Occupational hygiene and the biological effect of electromagnetic waves of different radiofrequencies," p. 90.
- Vlasov, V. V., Arshanskii, Sh. M. - Scientific conference of doctors of the Siberia Military District, p. 92.
- Kamshatkov, R. A. - Scientific conference of doctors of the Omsk Region Military District, p. 94.
- (OMLMD)
- No. 12, Dec. 1968.
- Table of contents translated:
- Kovalevskii, D. D. - Perfection of combat and special preparation, improvement of field training, p. 3.
- Vlasovskii, A. A., and others. - Transplantation of the heart in man, p. 8.
- Borisev, V. G., Karna, R. L. - Borne of the respiratory tract, p. 14.
- Golits, L. P. - Free skin grafting in repairing electrical deformations of the oral mucosa following gas wounds, p. 34.
- Vlasov, K. F., Dvalitov, V. S. - Changes in the electrocardiogram following repeated myocardial infarcts in elderly persons, p. 31.
- Ovchinnikov, V. A., and others. - Chronological analysis of the causes of sudden death of young persons in acute circulatory insufficiency, p. 36.
- Milskii, G. I. - Neuroses and neurotic-like states, p. 36.
- Tashchinskii, L. P. - Analysis of the occurrence of neurocirculatory dystonia, p. 38.
- Meftalov, P. K. - Vegetative vascular disorders at a late period following closed cranial trauma in young persons, p. 34.
- Korovin, A. M. - Diagnosis and military medical expertise of syncope, p. 38.
- Ulich, V. V. - Etiopathogenesis and differential diagnosis of vertigo, p. 41.
- Berchinskii, L. E. - Classification of closed lesions of the skull and brain, p. 47.
- Ochirshenko, M. M., Deeva, M. A. - Diagnosis, treatment and expertise in discogenic lumbosacral radiculitis, p. 49.
- Katkov, Sh. A. - Method of compound therapy in discogenic lumbosacral radiculitis, p. 53.
- Solomonov, R. A. - Changes in the external respiration and gas exchange in traumatic shock, p. 55.
- Blotkov, V. P. - Comparative characteristics of the basic variants of accelerated methods for the determination of the response of bacteria to antibiotics, p. 58.
- Ochirshov, V. F. - Mixture of ethylene oxide and methyl bromide in chamberless disinfection of Epidermophyton-infected footwear, p. 61.
- Lobkov, V. L., and others. - Effect of individual psychological characteristics of trainees on the training indices of the flying personnel, p. 63.
- Mikhailov, M. M. - Functional shifts in the body following swimming in low latitudes, p. 68.
- Vorob'ev, V. L. - Changes in the proteolytic activity in some diseases of the stomach and gallbladder, p. 67.
- Gorshkov, V. M., Ushakov, L. A. - Diagnosis and treatment of rheumatogenic arthralgoiditis, p. 70.
- Trushakov, A. A. - Intracranial drainage of the anterior eye chamber in glaucoma, p. 71.
- Rumashov, A. B., Kishkov, M. F. - Experience in the rupturing of the proximal end of the tibia with an articular homotransplant in a hospital, p. 73.
- Goroshanskii, V. A. - Treatment of pharyngitis under the conditions of a medical aid station, p. 78.
- Platonov, R. L. - Case of pulmonary tuberculosis, p. 78.
- Ismat'ev, A. M., Perelstova, K. V. - Diagnosis of bronchitis in diseases of the accessory sinuses of the nose, p. 77.
- Automobile scanner for guided X-ray photographs, p. 79.
- Anatoli Sergeevich Georgievskii on his 60th birthday, p. 83.
- VRACHESKOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the USSR S.S.R.]. Kiev, no. 7, July 1968.
- Table of contents translated:
- Barikova, T. M., Shumakova, G. M. - Specialized medical aid in hypertension, myocardial infarction and rheumatism, p. 1.
- Barokhovich, G. I., Kuznetsov, V. B., Reinhardt, B. K. - Comparative effectiveness of various pharmacotherapeutic drugs in peptic ulcer, p. 4.
- Alekandrov, V. A. - Functional state of the liver in circulatory insufficiency, p. 8.
- Golovinskii, I. U. M. - Effect of intralysosomal oxygen therapy on the functional state of the liver in atherosclerosis, p. 13.
- Stepashkina, K. I., Podlesnaya, V. A. - Study of the function of the pancreas in chronic cholecystitis, p. 18.
- Kazanskii, P. A., Volynets, E. S., Palt, I. S. - Techniques of the histamine test of gastric secretion, p. 19.
- Movshov, V. S., Milyukov, I. A. - Clinical aspects and pathological histology of chronic gastritis, p. 31.
- Kon'ev, M. M. - Effect of nutrition on the quantity of gastric juice in the pancreas, p. 35.
- Mashukova, M. S. - Action of "Polison Krasova" mineral water on electrolyte content in the bile and blood serum in chronic hepatobiliary diseases, p. 38.
- Meerson, B. A. - Effect of digitalis preparations on some functions of the liver, p. 34.
- Priluchko, M. I. - Determining the conditions of patients in cancer of the stomach, p. 33.
- Klavinskii, A. V. - Prevalence of breast cancer in a gynecological dispensary, p. 37.
- Barna, L. A., Shukrov, G. G. - Effect of surgery on the condition of blood gases in oncological patients receiving radiotherapy, p. 41.
- Pyrig, L. A., and others. - Radioisotope treatment of chronic glomerulonephritis, without interruption of the nitrogen excretory function of the kidneys, on the southern shore of the Crimea, p. 44.
- Kozlovskii, I. M. - Intrapulmonary dissemination of bronchogenic cancer, p. 47.
- Tolia, R. A. - Treatment of candidiasis in pulmonary tuberculosis, p. 50.
- Vodosev, G. B. - Treating bacteria-discharging patients in antituberculous dispensaries, p. 54.
- Kolenskii, L. P., Gerasimov, I. U. V. - Effect of loss of blood on the morphological and protein composition of the blood in pulmonary tuberculosis, p. 57.
- Vorob'ev, M. I. - Significance of rheoencephalographic asymmetries, p. 64.
- Vysotskii, V. P. - Effect of reticular formation on the blood coagulation system in syringomyelia, p. 63.
- Borisevskii, R. L., Orlov, V. V. - Biochemical indices in dynamic disorders of cerebral blood circulation, p. 65.
- Livshits, M. L. - Therapeutic use of oxacetic acid in lumbosacral radiculitis, p. 64.
- Aleev, L. S., Shatkov, L. A. - Clinical and electrophysiological studies of the dynamics of muscular changes in progressive facial atrophy, p. 70.
- Korotkiy, O. V. - Age-related characteristics of lumbosacral indices and the evaluation of various methods of their determination, p. 73.
- Pavlishin, V. A. - Late results and work expert testimony following cardiac wounds, p. 78.
- Potolok, I. I. - Aerobic glycolysis in the myocardium in chronic irritation of the vagus nerve, p. 81.
- Khrushchinskii, M. A., and others. - Changes in cerebral bioelectric activity in some chronic diseases of the nervous system, p. 83.
- Mel'nikova, R. K. - Combined action of carbon monoxide and hydrogen sulfide, p. 87.
- Baranov, V. D., Sosnitsin, M. M. - Hygienic evaluation of synthetic materials used in construction, p. 80.
- Kozlovskii, M. A., and others. - Diagnosis of atypical forms of infectious hepatitis, p. 84.
- Solov'ev, L. K. - Evaluation of work capacity in chronic hepatitis and cirrhosis of the liver, p. 86.
- Shumakov, M. F., Lavrenko, I. A. P. - Biochemical disorders in infectious hepatitis and ways of alcoholizing them, p. 103.
- Khrushchinskii, R. I. A. - Clinical aspects and diagnosis of adenovirus diseases, p. 104.
- Trimes, R. K. - Differential diagnosis of acute respiratory diseases, p. 108.
- Shurafanenko, E. M., Lashchik, A. V. - Absorption and excretion functions of the liver in Bock's disease, p. 113.
- Neromskaya, O. A. - Study of adenovirus circulating among the population, and their role in some diseases, p. 114.
- Chetkov, L. L. - Clinical characteristics of melanocellulosis in elderly persons, p. 118.
- Valtshteyn, A. S., Doroshenko, R. I. - Bismuth is the treatment of angiodysplasia, p. 122.
- Medved', P. M. - Case of anaphylactic shock following administration of penicillin, p. 123.
- Kozlovskii, I. U. M. - Lethal result due to prolonged action of penicillin, p. 123.
- Vaisman, O. P. - Drug allergy, p. 126.
- Kaplanov, V. V. - Anaphylactic shock in antibiotic therapy, p. 127.
- Platonovskii, A. S. - Acute poisoning with chlorophos, p. 128.
- Gidhen'ki, T. T., Grigor'eva, M. A. - Sarcoma of the right cheek, p. 130.
- Mitroshkina, V. N., Shrota, I. B. - Unusual case of pericarditis aetion, p. 133.
- Mitroshkina, L. V., Kuznetsova, A. A. - Dercun's syndrome of an infectious and allergic origin, p. 133.
- Lisitsin, P. M. - Infectious and allergic polyarthritis, p. 134.
- Khrushchinskii, M. A., Khrushchinskii, T. M. - Pyrogenal treatment of psoriasis, p. 136.
- Vorob'evskii, I. A. M. - Causes for the formation of canceromata of an infectious origin, p. 137.
- Vishnevskii, A. S., and others. - Treatment of patients with pathology of the digestive organs and concurrent chronic coronary insufficiency in Yessensk, p. 138.
- Movshov, M. M. - Relationship of some gastric juice electrolytes with acidity, peptic, and secretion of duodenitis, p. 140.
- Sandrov, V. S. - Disorders of porphyrin metabolism in late porphyria of the skin, p. 141.
- Ivashko, G. I. - Relationship of primary cancer and pulmonary tuberculosis, p. 143.
- Molchanov, R. F., Krivets, T. A. - Antigenic composition of Toxoplasma gondii, p. 143.
- Stralovskii, M. I., Rastvorova, I. M. - Vegetative polyneuritis and experience in their treatment, p. 148.
- Kavitskii, L. A., Zdobychova, T. M. - Progressing course of phlebotomy polycythemia, p. 147.
- Gidhen'ki, R. A. - Some indices of the functional state of the liver in stenocardia and myocardial infarction, p. 149.
- Gordon, I. B., Tushakov, A. P. - Allergic manifestation of colloid cancer of the stomach, p. 150.
- Shrota, V. M., Gur'yanov, V. M. - Clinical aspects of the so-called myoclonic epilepsies, p. 153.
- Alekseeva, L. V., Ustianov, A. M., Shagafin, V. T. - Case of trichinosis, p. 154.
- Chernik, M. S. - Biomed treatment of peptic ulcer, p. 154.
- Reit, A. V. - Legal consultation, p. 157.
- EDROV'S [HEALTH]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the USSR S.S.R. and the R.S.F.S.R.]. Moscow, no. 13(68), Dec. 1968.
- EDRAVOOKHRANENIE BELORUSSE [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 18, no. 1, Jan. 1969.
- EDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhstani SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 18, no. 12(73), Dec. 1968; vol. 19, no. 1(74), Jan. 1969.
- EDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TADZHIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikistoni SSR [Ministry of Health of the Tajik S.S.R.]. Dushanbe vol. 18, nos. 2-6(68-73), 1968.
- EDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TMSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 13, no. 10(68), Oct. 1968.
- JOURNAL EXPERIMENTAL'NOE I KLINICHESKOE MEDITSINY [JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE]. Issued by Akademiya nauk Armenskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 8, no. 6, 1968.
- Table of contents translated:
- X-ray diagnosis of osteochondrosis of the lungs, p. 2.
- Kherovskii, F. A. - Clinical and X-ray data on Krukenberg's sarcoma and primary reticulocellular tumor of the ovaries, p. 14.
- Gulitskii, S. M., Andrusheva, G. M., Galitskii, Sh. M. - Substitution of the closed-method treatment of epithelial cysts of the ovaries, p. 26.
- Arochinskii, R. A., Kharova, O. V. - Kinetic changes of the acidic hemolysis of erythrocytes (acidic erythrocyte) following resection of the peripheral nerves, p. 30.
- Arzumanyan, G. A., Krikorian, M. A. - Cytopathology of dyschronic hyperplasia of the breasts, p. 34.

- Beallan, R. A. - Motor function of the stomach following experimental resection. p. 41.
- Sadoma, V. S., Maslennikov, G. M., Aristakessian, R. A. - Paraffin and novocaine electrophoresis treatment of a duodenal ulcer. p. 47.
- Maslennikov, T. S., Margulies, G. A. - Isocerin treatment of hypertension. p. 53.
- Ananikhin, P. P., Rabotnikov, V. S., Rostanov, I. L. - Abdominal aortography in the diagnosis of the Leriche syndrome. p. 57.
- Mirza-Avakian, G. L. - Suppurative complications in cancer of the large intestine. p. 65.
- Kogon, B. M., Chelikhidi, R. F. - Significance of bipolar thoracic leads in the diagnosis of coronary insufficiencies. p. 71.
- Ashkanan, N. L., Panosyan, S. G. - Hemopoiesis, protein fractions of blood serum, and renal plasma circulation in hypertension. p. 76.
- Morozova, V. M. - Determination of different forms of Rh- and Rhesus in Rh-incompatibility of the blood of women immunized by pregnancy. p. 82.
- Khachatryan, E. A. - Study of the carcinogenic properties of chromatin compounds by their effect on the cells of mice. p. 88.
- Adamian, A. A. - Case of an umbilical hernia. p. 93 (ONLIM)

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKDERISTVO I OBNKOLOGIYA (OBSTETRICS AND GYNECOLOGY). Published by Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 40, no. 8, Nov.-Dec. 1964.

- Table of contents translated
- Everything for the welfare of man. p. 3
- Petrov-Maslukov, M. A. - Technique in guidance of labor and the health of children. p. 4.
- Parshakov, L. S. - Some problems of guidance-of-labor technique under present conditions. p. 8.
- Kanabina, K. M. - Concerning M. A. Petrov-Maslukov's article "Technique in guidance of labor and the health of children." p. 13.
- Balashov, N. S. - In defense of the principles of careful guidance of labor. p. 18.
- Vinny, O. E., Volkova, L. S. - Interrelationship between the maternal and fetal organisms. p. 17.
- Molodtsova, I. A. - Cardiac activity of the fetus in physiological labor, and during labor complicated by premature loss of the amniotic fluid, based on electrocardiographic data. p. 22.
- Volgin, R. A. - Cardiac activity of the fetus during pregnancy and labor, based on electrocardiographic and pneumocardiographic data. p. 30.
- Zakharov, S. S. - Prevention of congenital toxoplasmosis. p. 31.
- Kukishin, B. V. - Principles of clinical and anatomical interpretation of the causes of death of fetuses and newborn infants. p. 40.
- Nikolov, V., Georgiova, M., Vasileva, I. - Thrombolography in obstetrical coagulopathies. p. 44.
- Dekhtyar', E. G. - Appendicitis and pregnancy. p. 44.
- Boletsova, L. M. - Immediate and late results of surgical treatment of inflammatory diseases of the adnexa uteri. p. 53.
- Voronkov, A. A. - Treatment of chronic inflammatory diseases of female genitalia by subcutaneous administration of native plasma. p. 55.
- Bolotnikov, M. R. - Use of vitrinas in the treatment of inflammatory diseases of female genitalia. p. 61.
- Lutsenko, E., and others. - Treatment of inflammatory diseases of the adnexa uteri by intravaginal administration of antibiotics and hydrocortisone (hydrocortisone). p. 64.
- Ghechikova, I. U. M. - Use of pyrogonal in the treatment of inflammatory processes of the internal female genitalia. p. 64.
- Dagireva, L. G. - Choice of anesthesia in gynecological operations. p. 71.
- Levinson, V. B., Potapova, O. M. - Characteristics of anesthesia in gynecological operations in septic patients. p. 77.
- Strupchuk, L. S. - Novocaine block of reflexogenic zones in modern general anesthesia in gynecological operations. p. 80.
- Rozental'd, E. I. A., Mergol'd, K. P. - Postural blood circulation reactions and preventive methods in gynecological laparotomies. p. 85.
- Klyachovskiy, V. I. - Treatment of stricture of the cervical canal using an alloplastic frame. p. 86.
- Lankovskiy, I. A. E. - Formation of an artificial vagina from the rectum. p. 92.
- Kaplanishvili, M. I. - Alloplasty of an artificial vagina. p. 94.
- Romashovskiy, A. A. - Late results of surgery for the formation of an artificial vagina from segments of intestinal loops. p. 96.
- Ogryzhi, E. E. - Vaginal modification of the "Mikrokh tampon." p. 101.
- Vodnitskiy, I. K. - Immediate and late results of surgical treatment of cervicovaginal fistulas (with and without the use of drainage of the uterine cavity). p. 104.

- Peldi, A. S. - Operative functions of women following conservative myomectomy. p. 107.
- Volgov, I. U. L. - Significance of reactions to C-proteins in some diseases of gravidae. p. 111.
- Kozhevnikov, M. N. - Electrolytic disorders in toxicosis during the first half of pregnancy, and their dynamics during treatment. p. 118.
- Kilashnik, T. P. - Ligation of hypogastric and ovarian arteries under experimental conditions. p. 120.
- Khetits, S. N. - Endocrine disorders in women, and sterility. p. 120.
- Melis, E. - Experience in vacuum-extraction. p. 123.
- Bashchich, P. D., Chachava, K. V., Tishchenko, N. A. - Vacuum-parturition - extraction. p. 126.
- Strochina, P. S. - Role of endometrial biopsy in the diagnosis of female sterility. p. 129.
- Morgun, G. L. - Cytological examination of endometrial aspirations in hemorrhages during climacteric and menopause. p. 132.
- D'lasova, O. M. - Use of verapamil in angioneurotic disorders during menopause. p. 141.
- Serebryy, A. I. - Lidiy (Lidivig) Oksidol; on his 50th birthday. p. 142.
- A. I. Petchenko, as obituary. p. 151 (ONLIM)

VOPROSY OKHRANY MATERNOSTI I DETSTVA (PROBLEMS OF MATERNAL AND CHILD CARE). Issued by Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 14, no. 1, Jan. 1965.

c. NEUROLOGY & PSYCHIATRY

PRAKTIKA SUDNEBOPSEKHIATRICHESKOY EKSPERTIZY (PRACTICE OF FORENSIC PSYCHIATRY EXPERTISE). Issued by Tsentrul'nyy nauchno-issledovatel'skiy institut sudnoi psikiatrii [Central Scientific Research Institute of Forensic Psychiatry], Moscow, no. 8, 1963.

- Table of contents translated:
- Likhod, L. S. - Clinical aspects and differential diagnosis of depressive and paranoid schizophrenia. p. 3.
- Rakhmanov, N. R. - Discrimination between reactive paranoia and paranoid form of schizophrenia. p. 12.
- Glasov, V. S. - Evaluation of the quality of recollection in the practice of forensic psychiatric expertise. p. 20.
- Glabina, M. K. - Subgrouped diagnosis of schizophrenia in deeply psychopathic persons declared irresponsible according to criminologic material. p. 36.
- Vinny, V. K. - Deceptive behavior (impeachment) in schizophrenia. p. 37.
- Kondrat'ev, F. V., Pustaleva, G. P. - Kleptomania. p. 44.
- Kuchev, A. K. - Difficulties in forensic psychiatric evaluation of complicated forms of alcoholic intoxication. p. 54.
- Amelina, V. V. - Chronic alcoholic paranoia with an acute beginning. p. 58.
- Bobrov, I. M., Rakhmanov, N. R. - Use of statistics in clinical aspects of reactive states. p. 72.
- Rozchukova, T. K. - Some neurophysiological mechanisms of the appearance of affective disorders following a cranio-cerebral trauma. p. 80.
- Khotomovskiy, E. M., and others. - Review of the state of forensic psychiatry expertise and compulsory treatment in the U.S.S.R. according to reports of psychoneurological institutions for 1960-1961. p. 88.
- ZHURNAL NEUROPATHOLOGII I PSIKHIATRII (JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY). Issued by Vsesoyuznoye obshchestvo nevropatologov i psikiatrov [All-Union Society of Neuropathologists and Psychiatrists], Moscow, vol. 63, no. 4, 1964.
- Table of contents translated
- Kryukova, N. A., Krutikova, M. O. - Some problems of etiology and pathogenesis of the hereditary determined form of Hille's disease. p. 133.
- Mikhailova, I. A. - State of the nervous system in newborn infants of mothers with cardiac diseases. p. 143.
- Glasnov, I. S., Tereshchenko, N. I. A. - Functional state of the nervous system in children at late periods following effect of radiation (application gamma therapy of skin hemangiomas). p. 143.
- Kolesov, D. V., Tshiba, N. A. - Dynamics of neurovegetative indices in children with bronchial asthma. p. 144.
- Melnicov, A. A. - Characteristics of cerebral reactions in children with closed craniocerebral traumas. p. 146.
- Gerasimov, N. M. - Age-related characteristics of the clinical aspects of lesions of the nervous system in congenital toxoplasmosis. p. 151.
- Ovchinnikov, M. B. - Functional state of the adrenal cortex in seasonal meningitis of viral etiology. p. 154.
- Trofimov, K. M., Kipids, E. L. - Functional state of the adrenal cortex in children with peracute meningitis at the peak of the disease. p. 157.
- Kochetkova, O. I., Tsvetkova, N. A. - Neurological syndromes in children with cervical ribs. p. 161.
- Klein, A. D. - New diagnostic test in chorea minor. p. 166.

- Bentley, A. M., and others. - Analysis of the rhombic muscle innervation during the development of specific contractions and their treatment in children. p. 147.
- Pokrovskaya, N. I. A. - Permeability of meninges in the hamsterencephalic barrier. p. 147.
- Berezova, K. A. - Pathogenic therapy in children with the motor functions, speech, and intellect in children with cerebral paralysis. p. 147.
- Kipids, E. L. - Comparative analysis of peracute meningitis in children treated with penicillin and endolumbar introduction of antibiotics. p. 152.
- Musarov, K. M. - Pathogenesis of neurophysiological consequences of a ABO-immunological conflict between mother and fetus. p. 152.
- Balashova, T. K. - Effect of ABO-tissue conflict on the frequency and clinical aspects of oligophrenia. p. 152.
- Imay, D. M., Poppo, G. K. - Electroencephalographic characteristics of the clinical forms of oligophrenia in children. p. 159.
- Mironov, N. S., Lebedev, B. V. - Electroencephalographic studies in oligophrenia in children. p. 163.
- Deglin, V. I. A., Sholpo, L. N. - Age-related changes in the reactivity in children and adolescents based on data of EEG and some morphological studies. p. 164.
- Semenova, N. A., Medvedeva, V. M. - Morphological development of oligophrenic children and the degree of debility. p. 167.
- Pashkov, M. A. - Sensitivity and mobility of the nervous system in persons with juvenile diabetes. p. 173.
- Fedotov, P. D., Shapiro, I. U. L., Vainitskiy, I. A. - Some characteristics of paroxysmal manifestations in Down's disease, clinical-electroencephalographic studies. p. 173.
- Melnicova, E. I., Shaposhnikov, A. M. - Marfan's syndrome combined with oligophrenia. p. 174.
- Balova-David, B. A. - Systematization of specific disorders in children. p. 184.
- Masnikova, K. M., Mikhailova, T. K. - About the writing in some forms of speech disorders in children. p. 185.
- Koff, A. V. - Characteristics of neurophysiological changes in children and adolescents depending on the type and gravity of typho-paratyphoid infection. p. 187.
- Plade, V. I. A. - Premorbid characteristics in autistic children. p. 184.
- Baroff, A. - Prolonged study of children with an expressed hazard to be affected with schizophrenia: methodology and preliminary results. p. 187.
- Beckman, V. M. - Dynamics (in the development) of catatonic disorders in schizophrenia in children. p. 184.
- Bozhikova, O. D. - Some characteristics of the rhombic delirium formation in children and adolescents. p. 183.
- Kirichenko, E. L. - Syndrome of pathological schizophrenia in children of premenstrual and school age. p. 188.
- Belanov, M. L. - Cataplexies of autistic disorders in children. p. 183.
- Masnikova, V. M., Berezovskaya, M. I. - Tests following the use of neuroleptics in the treatment of children with neuro-psychic illnesses. p. 187.
- Rozengauz, B. A. - Experience in the use of neuroleptics for treating pre-school-age children. p. 187.
- Stekla, L. S., Borov, I. U. S. - Oculography, electroencephalography, and electroencephalography in diabetes mellitus in adults and children: a review of the literature. p. 187.
- Aleksandr Alekseevich Sokolov on his 50th birthday. p. 184.
- Vrono, M. S., Lapides, M. L. - Development of electroencephalographic aid for children and adolescents, field reports for 1963. p. 188.

Vol. 63, no. 11, 1964.

- Table of contents translated
- Stepanova, T. S., Grachev, K. V. - Some characteristics of the electric activity of deep cerebral structures in epilepsy. p. 153.
- Petrushenko, M. V. - Clinical-electroencephalographic comparisons in families of patients with epilepsy. p. 159.
- Bukhara, R. S., Iorlov, B. V. - Electric activity of the cerebral cortex in epilepsies during convulsive therapy. p. 164.
- Kiselev, V. A. - Clinical significance of transient venous pressure during pneumoencephalography in epilepsies. p. 163.
- Makharinskaya, V. S., Gogoleva, V. G. - Influence of the pressure of the cerebrospinal fluid on the pneumoencephalography in epilepsies. p. 164.
- Vainitskiy, M. I. A. - Functional state of the nervous system in patients with traumatic epilepsy. p. 164.
- Ulia, A. V. - Dynamics of the copper content in blood, trace elements, and serum, and the effect of its distribution in epilepsies. p. 164.
- Lebedev, A. A. - Changes in the acid-base equilibrium and the acidifying functions of the kidney in epileptic convulsive fits. p. 167.
- Petrov, V. S. - Electron microscopic characteristics of synapses of the cerebral cortex in patients with epileptic seizures. p. 167.
- Vorobiev, S. P. - Role of the etiological factors in the source of temporal epilepsy. p. 167.
- Voronkov, G. L. - First appearance of epilepsies in children. p. 167.
- Ramenskaya, E. S., Smolkin, M. G. - Epileptic syndromes associated with chronic acquired toxoplasmosis. p. 168.
- Golodets, R. O., Ravida, I. G. - Clinical characteristics of epileptic psychoses with a prolonged course. p. 168.
- Favortin, V. M. - Schizophrenia-like chronic epileptic psychoses. p. 168.

- Vinitskii, I. M., Bergel'son, M. M. - Antiparkinson effect of γ -amino- β -hydroxybutyric acid under experimental and clinical conditions. p.1863.
- Isakov, Kh. A., Khamisov, E. M., Antonov, A. A. - Significance of changes in cerebral electric activity for the evaluation of late sequelae of closed trauma of the brain. p.1867.
- Likhterman, I. B., Krasner, A. P., Khitria, L. Kh. - Differential diagnosis of fat embolism of vessels of the brain and intracranial traumatic hematomas. p.1871.
- Arizetala, I. U. D., Dukhovnaya, O. L. - Significance of a craniocerebral trauma in the origination and development of symptomatic hypertension. p.1878.
- Shatalov, V. K. - Disorders of sodium-potassium metabolism in patients with trauma of the skull and brain at an acute period. p.1883.
- Shogam, I. I. - Clinical characteristics and pathogenesis of total disorders of sensitivity in late sequelae of closed and open craniocerebral trauma. p.1888.
- Gaponova, I. U. - Characteristics of experience of working capacity and adjustment in sequelae of craniocerebral trauma with epileptiform syndrome. p.1893.
- Kuznik, B. I., Kozubsk, V. M. - Tissue factors of blood coagulation in cerebral membranes and the role of these factors in the development of pathological processes. p.1898.
- Abdurakhimov, D. M., Loktionov, O. M., Dimant, I. N. - Intravital staining of cerebral neoplasms, experimental data. p.1903.
- Rudakova, P. A. - Morphological analysis of some stimulants of cerebral neoplasms. p.1906.
- Kryukova, N. A., Rytovskiy, K. M., Gol'tsman, P. M. - Use of the method of statistical processing for the detection of characteristics of EEG in local lesions of the brain. p.1911.
- Voinitskii, B. I. A., Mermolova, R. I. A. - Use of electroencephalograms in the analysis of evoked potentials in patients with atrophy of visual nerves. p.1918.
- Manzhukov, V. M., and others. - Selection of the ways of introduction, and methods of prescribing triphenylamine and thiorazine. p.1918.
- Smirnov, V. R. - Problems of the organization of epidemiological studies on vascular lesions of the brain, and the program of the World Health Organization. p.1924.
- Akhund, S. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during July 1968. p.1923.
- Vil'shinskaya, M. I. - Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during the second quarter of 1968. p.1924.
- Roman Aleksandrovich Tshetkov on his 74th birthday. p.1925.
- Igor Fedorovich Dolozov on his 70th birthday. p.1926.
- David Grigorievich Soffer on his 70th birthday. p.1927.
- Turetskii, I. I. - Traumatic epilepsy. International symposium held in Marseille, September 6-9, 1966. p.1927.

Vol. 88, no. 13, 1968.

- Table of contents translated:
- Dogolov, M. K., Vorobkova, M. L. - Neurological paroxysms in diseases of the esophagus. p.1753.
- Kuznetsov, K. F., Dabekova, A. B. - Interrelationship of local and overall brain factors in the formation of some neuropsychic disorders in the acute period of cerebral ischemia. p.1761.
- Istait, L. R., Filalova, A. D. - Afferent paresis and afferent ataxia in the clinical course of cerebral lesions. p.1766.
- Shcher, D. G., Kuzov, A. A., Kozhevnikova, A. B. - Significance of ataxic disorders in the neurological diagnosis of tumors of the temporal lobe of the brain. p.1774.
- Anasov, M. L. - Spinal disorders in lesions of the right subdominant hemisphere of the brain. p.1780.
- Ovcharova, P., and others. - Experience in quantitative study of the interrelationship between aphasic syndromes, and genetic and praxic disorders in vascular diseases of the brain. p.1783.
- Hovinskaya, R. A. - Characteristics of disorders of the somatic body in disconnection-stem lesions of infectious genesis. p.1788.
- Krasnik, A. E., Hivchik, Zh. A. - Clinical variations of apraxia. p.1793.
- Voia, A. M., Mal'tseva, V. R. - Analysis of supraspinal influences in lesions of structures of the brainstem. p.1798.
- Kuzin, M. I., Kuzmin, M. V., Kopteva, T. N. - Late results of surgical treatment of myasthenia. p.1801.
- Ivanova-Smolenskaya, L. A., Levukhina, N. I., Chernigorskaya, M. V. - Experience in and methodology of pinocytology of the liver in the clinical course of the nervous system. p.1808.
- Mel'manova, T. B. - Morphological data on the wide representation of the pyramidal tract in the human cerebral cortex. p.1809.
- Lar, Z. L. - Varieties of Bahin'ski's pathological pyramidal tract. p.1817.
- Bemenov, S. F., Chmerikov, A. P., Kolkhanov, V. P. - Anticerebral antibodies in gravidas with cerebral pathology, and in their newborn infants. p.1819.
- Hovosovskiy, A. A. - State of natural immunity in mental patients. p.1826.
- Bashin, V. P., Brink, A. M. - Clinical and laboratory study of mental disorders occurring during the use of amikol (benzocaine). p.1835.
- Kondrasheva, V. T. - Disorders in the function of external respiration in asthma and asthmatic states. p.1834.
- Krashev, V. A. - Study of extracerebral respiration in asthmatics. p.1840.
- Segal, B. M. - Somatosensory dysfunctions. p.1841.
- Chudkin, A. S. - Characteristics of the clinical aspects of psychosomatic disorders: based on osteoarthritis data. p.1848.
- Perli, P. D., Birka, K. A. - Analysis of headaches in neurasthenia. p.1851.
- Kukhina, A. M., Kuznetsova, V. B., Zink, A. A. - Mental disorders in Khashtal's disease. p.1854.
- Traugott, R. M., and others. - Antidepressant effect of benecrida. p.1859.
- Kalichay, V. V. - Lobeline treatment of tobacco smoking habit and the effect of lobeline on vegetative and vascular reactions. p.1864.
- Belitskii, A. I. - Disorders of the telencephalic (thinking) activity in the dynamics of psychopaths. p.1871.
- Alkhetis, R. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during August and September 1968. p.1886.

ZHURNAL VYSSHEI NERVNOI DEYATEL'NOSTI [JOURNAL ON HIGHER NERVOUS ACTIVITY]. Issued by Akademicheskii SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 18, no. 6, Nov.-Dec. 1968.

- Table of contents translated:
- Koff, M. E. - Participation of the red nucleus in the performance of instrumental conditioned reflexes in dogs. p.923.
- Simanov, P. V., Ivanov, I. B., Val'seva, M. N. - Experimental study of positive emotional reactions in man. p.933.
- Popova, N. S. - Dynamics of parameters of evoked potentials in various areas of the surface of the visual cortex and the surrounding cortical fields in dogs during the formation of a conditioned defense reflex. p.949.
- Kalichay, L. V., Agabekyan, M. A., Zakharenko, I. N. - Changes in the electroencephalogram during the formation of a food-procuring reflex to a rhythmic photic stimulus under some types of external and internal inhibition. p.961.
- Matysyak, I. A. - Dynamics of the formation of new conditioned reflex systems in rats on the basis of previously elaborated temporary connections. p.967.
- Tindin, V. A., and others. - Quantitative changes in nuclear RNA in the cerebellum and cerebral cortex in rats at various stages of the formation of a conditioned reflex. p.988.
- Iakovlev, M. I., Shalaf, T. P., Tsvetkova, L. P. - Conditioned cardiac reflexes, and functional and morphological states of cortical neurons under the effect of electroencephalic fields of ultrahigh frequencies. p.973.
- Dandlov, I. V. - Mechanisms of conditioned sustaining of experimental hyperkinesias in dogs. p.978.
- Levtova, F. A., Slesin, V. B. - Origin of a neurotic state in the stimulation of certain cerebral structures. p.984.
- Troshchkin, V. A., Kraschenko, Zh. A. - Development of excitatory and inhibitory processes in white rats during ontogeny. p.989.
- Kalish, W. L. - Formation of conditioned reactions from the olfactory analyzer in young rabbits under conditions of natural reinforcement. p.991.
- Aleksandrov, M. I., Levshina, I. P. - Evoked responses of the auditory cortex in cats to sounds of different directions. Report No. 2. Quantitative characteristics. p.1001.
- Mukomel'skiy, S. P., Kuchala, D. V., Tishchenko, A. H. - Effect of reticular stimulation on responses of the associative region of the cerebral cortex in cats. p.1009.
- Sorochuk, V. M., and others. - Functional connections of the posterior hypothalamus and the amygdaloid complex with the somatosensory cortex. p.1017.
- Kudanova, M. P., Myalobodskii, M. S. - Dependence of parameters of an evoked potential in the human brain on the state of attention. p.1027.
- Fokin, V. P. - Dynamics of changes in the b-waves of the electroencephalogram of cats during rhythmic photic stimulation. p.1035.
- Alifanets, I., Vukling, V., Laph, L. P. - Effect of direct introduction of mediators and preparations influencing their metabolism into the amygdala, septum, and hypothalamus in cats. p.1044.
- Polikandov, R. I. - Development of color vision in newborn infants: based on materials of electrophysiological study. p.1048.
- Khamisov, M. M., Monakhov, D. M. - Regularities of the extinction of conditioned reflexes elaborated at various degrees of the probability of reinforcement. p.1061.
- Furukhova, E. E. - Comparative characteristics of summation effects during the action of conditioned and indifferent stimuli. p.1063.
- Udalova, G. P. - Participation of the hypothalamus in the activity of the viscerocortical analyzer. p.1066.
- Likh, O. S. - Characteristics of conditioned responses in mimic articulation and acoustic components of verbal stimuli in infants during the first year of their life. p.1068.
- Aldasheva, N. A., Sakson, M. M., Polyakova, G. P. - Multimodal distribution of impulse activity of some neurons of the cerebral cortex in cats. p.1073.
- Kopylova, V. V. - Changes in the activity of single neurons of the motor cortical zone in combination of an acoustic stimulus with extracellular polarization. p.1075.
- Matsev, A. S., Vasileva, L. A., Samoilova, L. A. - Corticocortical influences on the excitatory systems of the diencephalon in cats. p.1079.
- Dobryakovskii, O. P. - Erythrocyte-evoked potentials of the auditory cortex in cats during incubation of alkalis in the recording of pure tones. p.1083.
- Nashko, G. Kh. - Elaboration rate of conditioned reflexes and restoration of cerebral RNA following the introduction of homologous RNA of trained rats. p.1088.

4. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OPTAL'NOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Kiev, vol. 22, no. 8, 1968.

a. PATHOLOGY & THERAPEUTICS

ARHIV PATOLOGII [ARCHIVES OF PATHOLOGY].

Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 30, no. 10, 1968.

- Table of contents translated:
- Ivanovskaya, T. R., and others. - Functional morphology of the thymus gland. p.2.
- Apel'son, A. K. - Trichosporinosis. p.13.
- Bokov, I. U. M. - Some background changes in the bones in osteogenic sarcoma in man. p.31.
- Makko, I. U. K., Ushakov, S. F. - Morphological characteristics of Darling-Haney melanoma treated with endoxan and serotomide. p.39.
- Agamova, K. A., Golbert, Z. V. - Cytopathological characteristics of phyllode tumors of the breast and its diagnostic significance. p.33.
- Balik, V. L., and others. - Latent cancer of the prostate according to autopsy data. p.38.
- Molodtsov, M. I., Akhmetov, Zh. B. - Hormonocytive tumors of the adrenal cortex. p.44.
- Merzlin, P. I. - Controversial problems of the histogenesis of hormone-producing ovarian tumors. p.47.
- Doroshanova, L. B. - Changes in the epithelium of the gallbladder in cholecystitis. p.53.
- Brumshstein, M. R., Lashchinskaya, K. V. - Clinicopathological characteristics of Crimean hemorrhagic fever. p.57.
- Arin, L. I. - Morphological changes in the initial portion of the small intestine following resection of the stomach. p.63.
- Smirnov, F. M., Shalygina, M. B. - Morphological changes in the mucosa membrane of the stomach in chronic enterocolitis, aspiration biopsy data. p.68.
- Savitschenko, I. S., Oshkova, Z. M., Gurevich, M. M. - Aspiration biopsy of the mucosa membrane of the small intestine in enterocolitis. p.74.
- Bofo, U. G. - Pathological anatomy of a reticulosarcoma. p.79.
- Klimashin, V. A. - Pathogenesis of bronchiectasis in children. p.83.
- Lubashin, A. A. - Abrikosov's tumor in the stomach. p.88.
- Aleksandr Pavlovich Avtaya on his 68th birthday. p.93. (DNLM)

KAZAKHSTAN MAUCHINO-MEDIOVAT'NOSKI INSTITUT ONKOLOGII I RADIOLOGII. Trudy [KAZAKH SCIENTIFIC RESEARCH INSTITUTE OF ONCOLOGY AND RADIOLOGY. Transactions]. Alma-Ata, vol. 3, 1967. Problems of oncology and radiology.

- Table of contents translated:
- Mogmanov, S. M. - Kazakhstan Scientific Research Institute of Oncology and Radiology. p.2.
- Aleksandrov, M. M., and others. - Tumors and precancerous diseases of the oral cavity in Kazakhstan. p.8.
- Rogovskii, P. A. - Histomorphological data on the stages of malignant degeneration of placentaloid skin tumors. p.13.
- Hard, L. L., Prokhorovskiy, G. A., Zakharenko, A. B. - Clinical (histopathological) characteristics of pathological states of the nose and the accessory sinuses, based on an expeditionary screening of the population. p.20.
- Baimakanova, S. M., Dzhuganov, A. D. - Structure of neoplasms of the upper respiratory tract in residents of Kazakhstan. p.24.
- Salantova, G. L., Kolpakova, M. I., Mogmanov, S. M. - Composition of patients with esophageal cancer in Kazakhstan regarding their nationality, age, and sex. p.28.
- Dzhuganov, A. D., Kairatbayev, M. K. - Study of the distribution of malignant neoplasms in some provinces of Kazakhstan. p.32.
- Karimov, M. A. - Blastomogenic effect of petroleums, and preventive measures. p.38.
- Moskalova, G. M., Kolycheva, N. I., Karimov, M. A. - Effect of spontaneous administration of natural petroleum on the organism of mice. p.43.
- Kuznetsov, R. A. - Content of 3,4-benzopyrene in the air of the large industrial centers of Kazakhstan. p.48.
- Mogmanov, S. M., and others. - Regional characteristics of the distribution of prostate and testicular diseases of female genitalia in Kazakhstan. p.49.
- Pisa, G. B. - Carcinogenic properties of dyes forming a covalent bond with cellulose (the ranazol group). p.53.
- Savitschenko, M. M., Gell'man, V. L. - Regenerative capacity of the liver at various stages of carcinogenesis. p.58.
- Smirnov, V. A., and others. - Etiology of skin melanomas. p.62.
- Smirnov, V. A. - Data on histological study of skin cancer. p.68.
- Hirayama, Takashi. - Cancer epidemiology in Japan. p.71.
- Abdrakhimov, Zh. M., Kholoshev, E. A. - Resistance of skin capillaries and the level of blood electrolytes in the process of oncological radiotherapy. p.74.

- Abdrakhmanov, Z. N., Khvan, M. S., German, K. L. - Combined effect of cobalt, copper, and iron preparations on the composition of blood in patients under large focus skin distance radiotherapy. p. 74.
- Abtashov, E. A., Tatarsova, G. V. - Cancer of the rectum. p. 85.
- Almagambetov, M. I., and others - Dynamic observation of the regression of tumorous elements of the cervix uteri following radiotherapy. p. 89.
- Balmukhanov, R. Kh., Amantsholova, K. S. - Methodology of regional chemotherapy in maxillofacial tumors. p. 94.
- Balgorzhina, Ph. Zh., German, E. L., Kirilova, V. M. - Bone marrow hemopoiesis in malignant tumors. p. 98.
- Bazova, L. A., Estulina, O. S. - Transcatheter puncture of the liver in the diagnosis of primary cancer. p. 103.
- Borisovich, M. V., Zvereva, I. V., Zholtkevich, K. I. - Dosimetric substantiation of some methods of traversing irradiation of the upper jaw. p. 103.
- Burmukhanov, R. Kh., Zholtkevich, K. I., Abdrakhmanov, Z. N. - Methodology and results of static gamma therapy in esophageal cancer. p. 109.
- Dzhumalbayeva, D. B. - Preliminary data on cytological diagnosis of some skin tumors. p. 123.
- Dement'eva, N. L., Fedina, V. A., Lushanova, N. F. - Antitumor activity of chemo- and radiotherapy in the treatment of malignant neoplasms. p. 124.
- Dzholdybaev, M. S., Borisovich, M. V., Karimkhazanova, Z. B. - Dosimetric substantiation of the use of epithermal filters in megavolt radiotherapy. p. 128.
- Dostanbayeva, M. K., Krivits, N. A. - Diathermo-surgery as an effective method of treating pre-tumorous and tumorous diseases of the cervix uteri. p. 135.
- Dudaya, M. V., Krivits, N. A. - Errors in the diagnosis of cancer of the cervix uteri. p. 137.
- Dzhurkhanov, A. A., Lapchev, M. A. - Treatment of sarcomas and metastases of cancer of the cervix uteri originating following extensive abdominal surgery. p. 139.
- Estulina, O. S., and others - Diagnostic and prognostic significance of cytologic examination of ascitic fluid in cancer of the ovaries. p. 143.
- Estulina, O. S., Aliev, A. M., Tatarsova, G. V. - Role of cytologic diagnosis in tumors of the urinary bladder. p. 143.
- Ishakova, K. I. - Changes in the follicle-stimulating hormone and total gonadotropins in women of different ages. p. 144.
- Ishakov, L. R. - Diagnosis and treatment of malignant polyps of the rectum. p. 149.
- Karimkhazanova, Z. B., Kismukhametova, R. S., Lushanova, N. F. - Significance of lymphography in the planning of radiotherapy in cancer of the cervix uteri. p. 153.
- Kolycheva, N. L. - Pathomorphology and histogenesis of esophageal cancer. p. 155.
- Kotova, D. G. - Experience in outpatient chemotherapy in ovarian tumors. p. 161.
- Kalindina, T. V. - Some errors in the use of the PKB-25 apparatus during gastrectomy and resection of the cardiac region of the stomach. p. 167.
- Kim, O. M., Noltik, L. G. - Results of treatment of recurrences of skin cancer. p. 173.
- Larionov, L. P. - State and aspects of chemotherapy in cancer of the gastrointestinal tract. p. 171.
- Chen, M. V., Akhmetbekova, Kh. A. - Ganglionic blockade without hypotension in oncological surgery on organs of the small pelvis. p. 173.
- Musladina, R. Kh. - Dynamics of the changes in serum proteins in oncological patients under radiotherapy. p. 180.
- Melamed, K. L. - Classification and treatment of some precancerous diseases of the vulva. p. 148.
- Mikhaelshvili, R. A. - Comparative and antineoplastic system of the blood in oncological patients preliminary report. p. 186.
- Muskhazeva, L. L., Abdrakhmanov, Z. N., Zabolina, Z. I. - Inconclusive results of radiotherapy in patients with cancer of the anterior third of the esophagus and the oropharyngeal region of the stomach. p. 187.
- Mukhitov, B. M., Khatibova, B. R. - Content of some trace elements in the blood of patients with malignant tumors. p. 189.
- Mukhitov, B. M., Babatbayeva, G. S. - Effect of radiotherapy and surgical treatment on porphyrin metabolism in oncological patients. p. 191.
- Murzaeva, M. N., Kirilova, V. M. - Progesterone in the treatment of cancer of the cervix uteri. p. 194.
- Mukhitov, M. N., Ishaev, K. T. - Hormonal colposcopy in precancer of the endometrium. p. 198.
- Musladina, R. Kh., Krivits, N. A. - There's but in women with precancerous processes and cancer of the cervix uteri. p. 213.
- Muskhazeva, L. L., Kirilova, V. M. - Characteristic features of the uterus according to materials of therapeutic (autopsy) of Abos-Ais. p. 218.
- Muganov, R. M., Shakhmatov, O. L. - Experience in the detection and stimulation of cancer of the cervix uteri. p. 218.
- Muganov, R. M., Shakhmatov, O. L. - Organizational experience and results of prophylactic gynecological surveillance with the use of colposcopy and cytological examination. p. 224.
- Poudrikov, L. G., Vorobkova, M. G., Kiselev, A. K. - Treatment of bone tumors. p. 227.
- Poudrikov, L. G., Vorobkova, M. G., Kiselev, A. K. - Combination of massive irradiation with intra-arterial introduction of chemopreparatives in the treatment of sarcomas of the extremities. p. 234.
- Pavlov, I. V., Targumayev, A. - X-ray examination of the lymphatic system of the pelvis. p. 238.
- Pavlov, I. V., and others - Methodology of pericytology in the diagnosis of tumors of the urinary bladder. p. 240.
- Rizakhametova, R. S., and others - X-ray methods of the detection of metastases and recurrences in cancer of the cervix uteri. p. 246.
- Rizakhametova, R. S., Tatarsova, G. V. - Tuberculous reactions in patients with tumors and pre-tumorous diseases. Report No. 2. p. 250.
- Shapovalov, R. A., Lebedev, M. L., Akhmetbekova, Kh. A. - Methodology of esophagectomy in esophageal cancer. p. 253.
- Antonina, V. F., Shlygina, O. E. - Functional and morphological characteristics of tumors of the thyroid gland. p. 258.
- Tatarsova, G. V., Tatarsova, A. T. - Telo-TEPA in combination with oxygen in intravascular chemotherapy of cancer of the urinary bladder. p. 260.
- Targumayev, A. A., Tatarsova, G. V. - Changes in the gas composition and electrolytes of the blood in gynecological patients during surgery under different types of superficial endotracheal anesthesia. p. 265.
- Trapsanbayev, M. M. - Detection of the therapeutic method in primary tumors of the breast. p. 268.
- Fal'timov, S. Z. - Materials for the study of malignant ovarian tumors. p. 272.
- Tsoli, A. I., Dement'eva, N. L. - Combined chemotherapy in malignant neoplasms. p. 276.
- Cherkizova, L. I., Baranovskaya, T. G., Chilikova, R. A. - Intravital diagnosis of cancer of the cervix uteri by means of radioisotopes. p. 278.
- Mohegolkhina, I. M., Khatibova, B. R. - Functional changes in the external respiration in patients with esophageal cancer during radiotherapy. p. 283.
- Boleimanova, R. M., Mohegolkhina, I. M., Balmukhanov, R. Kh. - Biochemical changes and functional disorders in the lungs following radiotherapy in esophageal cancer. p. 287.
- Baltchik, K. P., Velsker, I. G. - Increase of the antineoplastic effect of alkylating preparations with the aid of influences on the protective reactions of the connective tissue system. p. 291.
- Bogdanova, M. V. - Frequency and character of pre-tumorous and tumorous processes of the cervix uteri in patients with uterine cancer. p. 297.
- Bokseva, S. S. - Study of the antineoplastic activity of two new derivatives of 8(9)-nitroethylamine. p. 302.
- Bokseva, S. S. - Effect of some pyrimidine derivatives on the growth of transplantable tumors in animals. p. 304.
- Vernadskaya, S. M. - Experimental study of the toxicity of the antineoplastic activity of leucanthocyanine and catechol. p. 310.
- Vodovotik, V. K. - Comparative chromosomal characteristics of two ascitic variations of transplantable mice lymphoma XH1. p. 320.
- Degtyareva, G. S. - Changes in the protein content in the cells of ascitic tumor S-37 relating to its heterogeneity. p. 324.
- Degtyareva, G. S., Krivits, N. A. - Some morphological characteristics of the development of ascitic tumor S-37. p. 327.
- Degtyareva, G. S. - Methodology of the detection of total proteins in cells. p. 337.
- Krisov, M. L., Khatibova, B. R. - Content of DNA in the cells of a developing ascitic tumor C-37. p. 338.
- Khatibova, B. R., Degtyareva, G. S. - Leucanthocyanine and catechol, a new class of antineoplastic compounds. p. 344.
- Kerzhnitskaya, L. P. - Carcinogenic effect of anobiontose root of the Goryvsky Fishery Company on the guppies in mice. p. 348.
- Metzke, T. G. - Blood vessel system and the growth of tumors. p. 360.
- Kerzhnitskaya, L. P., Sorokina, I. U. D. - Oncological characteristics of the CytRDX CBA hybrid mice of the first generation. p. 361.
- Targumayev, A. - Effect of X-rays on the lymph circulation in damaged lymph nodes. p. 367.
- Fal'timov, S. Z. - Pathological processes of the uterus in rats with A vitamin deficiency. p. 374.
- Vol. 4, 1987. Problems of cellular radioactivity. Table of contents translated.
- Khatibova, B. R. - Structural and metabolic approaches to the understanding of the radioactivity problem. p. 3.
- Vorobiev, E. I., Pustilnik, L. V. - Some substantiations in the elaboration of the radioactivity problem. p. 8.
- Lebedev, M. L. - Model for studying the effect of acute and chronic irradiation on cells cultivated outside of the body. p. 12.
- Gabin, V. A. - Some criteria of the radioactivity of the cell population in connection with the mechanism of radiation lesion of the cell. p. 15.
- Shapiro, I. M., Muskhazeva, L. L., Amantsholova, K. S. - Cytological aspects of lesions of the hematopoietic organs following acute irradiation. p. 19.
- Chudina, A. P. - Cytogenetic study of the radioactivity of cultivated lymphocytes of the blood in healthy persons and in patients with the Down's syndrome. p. 22.
- Khatibova, B. R. - Radioactivity of the bone marrow in humans. p. 26.
- Berestov, V. A., Malinovskii, O. V., Shakhmatov, T. A. - Survival and regeneration of HeLa cells, gamma-irradiated at various incubation moments. p. 25.
- Abdullayev, K. - Effect of local X-irradiation on the posttraumatic regeneration of tendons in rats. p. 34.
- Balmukhanov, R. Kh. - Radioactivity of malignant tumors. p. 44.
- Khatibova, B. R. - Some aspects of acquired increased radioactivity of tumors. p. 57.
- Khatibova, B. R., Khatibova, V. G., Khatibova, A. M. - Comparative study of the effect of gamma rays and radioisotopes on the nuclei and protein metabolism in the cells of Ehrlich's ascitic carcinoma. p. 64.
- Khatibova, B. R. - Model of radiation-resistant tumor developed on mice in vivo. p. 68.
- Khatibova, B. R. - Quantitative cytochemical analysis of DNA synthesis in a radiation-resistant strain of Ehrlich's ascitic tumor. p. 72.
- Muganov, R. M., Krivits, N. A. - Acquired in vitro radiation-resistant of tumors. p. 77.
- Imamov, B. I., and others - Comparative analysis of the growth kinetics of two sublines (radiation-resistant and initial) of Ehrlich's ascitic tumor. p. 84.
- Arkhypova, L. D. - Changes in the radioactivity of ascitic ovarian tumors in rats following chronic irradiation. p. 90.
- Adilgireeva, H. Kh., and others - Preliminary data of a study of radioactivity under conditions of a tissue culture. p. 94.
- Amantsholova, K. S. - Dynamics of the radiation resistance of the body following repeated irradiations, and radiation treatment of tumors. p. 98.
- Balmukhanov, R. Kh. - Principles of modification of the radioactivity of malignant tumors. p. 103.
- Bermukhova, V. A., Chuklanova-Murkina, M. T. - Combined effect of radiation and hypothermia on the growth of transplantable tumors. p. 106.
- Gordienko, G. P., Bermukhova, V. A. - Irradiation of transplantable tumors of sarcoma-45 and P388 lymphosarcoma under local hypoxia. p. 111.
- Aliev, A. M., Adilgireeva, H. Kh., Gerdzhikov, G. P. - Mitotic index and the DNA content of P388 tumor irradiated under local hypoxia. p. 117.
- Khatibova, B. R., Gordienko, G. P. - Morphological characteristics of the C-48 tumor irradiated under conditions of local hypoxia. p. 121.
- Balmukhanov, R. Kh., Ashkhaliev, M. A., Balmukhanov, R. Kh. - Intensity of regression of transplanted tumor in rats depending on different methods of the radiation dose fractionation. p. 128.
- Khatibova, B. R. - Radioresistance factors from the P388 lymphoma group. p. 132.
- Nazirov, B. M., Khatibova, B. R. - Study of the radioresistance properties of leucanthocyanine as osteoclasts. p. 138.
- Bokseva, S. S. - Study of the combined effect of X-ray and chemopreparatives and transplanted tumors in animals. p. 142.
- Muganov, R. M. - Level of protein sulfhydryl groups in the C-37 tumor under the effect of vitamin C and X-irradiation. p. 148.
- Muganov, R. M., Balmukhanov, R. Kh., Mironov, M. I. - State of the protein spectrum of the C-37 tumor under the effect of vitamin C and X-irradiation. p. 151.
- Arsev, A. K., Balmukhanov, R. Kh., Balmukhanov, R. Kh. - Preliminary data of the use of vitamin C as a radiosensitizer in the treatment of esophageal tumors. p. 155.
- Khatibova, B. R., Ashkhaliev, M. A. - Effects in radiosensitization of a tumor by means of sub-institution. p. 157.
- Koposova, B. P. - Epithelial effect in the evaluation of some radioresistance factors. p. 158.
- Ashkhaliev, M. A., Khatibova, B. R. - Combination of a weak direct current and X-irradiation as a means of improving the effectiveness of radiotherapy in tumors. p. 173.
- Khatibova, B. R., Bermukhova, V. A. - Selection of optimal time for a repeated irradiation of tumor. p. 177.
- Amantsholova, K. S. - Characteristics of modification in the radioactivity of tissues in repeated irradiation. p. 180.
- Balmukhanov, R. Kh., and others - Correlation of the dose and time in radiotherapy of esophageal cancer. p. 185.
- Musladina, R. Kh. - Attempts to evaluate radioresistance of tissues depending on different irradiation rhythms in connection with changes in the content of β -aminobutyric acid. p. 188.
- Musladina, R. Kh. - State of serum proteins in large dosage fractionation. p. 189.
- Berestov, V. A. - Amperometric determination of oxygen tension in normal and tumorous tissues. p. 190.

РЕФЕРАТИВНИЙ ЖУРНАЛ ОНКОЛОГИЧЕСКОГО ВОПРОСОВ ПАТОЛОГИИ, ОНКОЛОГИИ (Однотомный выпуск 18) (JOURNAL OF ABSTRACTS: GENERAL PROBLEMS OF PATHOLOGY, ONCOLOGY (Soparnia Issue 18)). Issued by Institut nauchnoi informatsii Akademii SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8 Oct. 1986.

1. PHARMACY & MATERIA MEDICA

ФАРМАКОЛОГИЯ И ТОКСИКОЛОГИЯ [PHARMACOLOGY AND TOXICOLOGY]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 21, no. 6, Nov.-Dec. 1986.

Table of contents translated:

Krasn, V. A. - Effect of central cholinolytics on behavioral and electroencephalographic reaction in the stimulation of hippocampus. p. 643.

Mukhitov, M. L., Ashkhaliev, M. A., Gerdzhikov, G. P. - Effect of picrotoxin on bioelectric activity of the brain. p. 647.

Lapik, A. S., and others - Action of tritacrin glycosides of *Patrida intermedia* Boem. et Sch. on the central nervous system. p. 650.

Pavlov, V. I. - Early prophylaxis of traumatic shock with central cholinolytics. p. 653.

Pogoda, M. A. - Effect of central cholinolytics on inhibition of the knee jerk reflex in the stimulation of the structures of medulla oblongata and cerebellum. p. 657.

Vikhilayev, I. U., Klyagin, T. A. - Some antagonistic properties of picrotoxin with reference to its anesthetic and myorelaxant action. p. 659.

Bodakov, A. P., Gerdzhikov, G. P. - Effect of crystal tetraethylammonium and diethylpyridinium conditioned reflex activity of albino rats. p. 661.

- Liberova, S. B. - Analgesic activity of aetholine (dimethyl-aminomethyl- α , α -diphenylethoxyacetic acid). p. 648.
- Mashkovskii, M. D., Lanskii, V. P. - Effect of dihydroergotamine on the change of cerebral vessel tone caused by serotonin. p. 671.
- Barak, M. A. - Effect of benzocaine on cardiac arrhythmia induced by local stimulation of the structures in the bulbar portion of brain stem. p. 674.
- Chichkanov, G. G. - Effect of oxetane on cardiac blood supply. p. 677.
- Angarinskii, M. A., Libarova, L. A., Sokolova, V. K. - Comparative evaluation of the cardiotonic effect of a new cardiac glycoside from Far-Eastern *Corallaria* L. p. 680.
- Turukov, I. A., Khalikov, T. R., Abidov, A. A. - Effect of atropine, K⁺-strophantidin- β and olitoride on the glycogen and macroergic phosphorus content in myocardium of rats. p. 683.
- Kapozhkov, A. V. - Effect of vasodilator substances on collateral coronary blood circulation and oxygen tension in myocardium. p. 687.
- Serebriy, A. S., Plesnova, L. L. - Effect of the cationophor on the content of catecholamines in blood. p. 689.
- Osipova, S. V. - Comparison of the efficiency of corazol and mexitol analeptics during hypoxia in animals of different age categories. p. 694.
- Alekandrova, A. K., and others. - Increasing the resistance of myocardium to an acute hypoxia by means of ginkgolide. p. 697.
- Pyshina, A. A., Maryasheva, A. V. - Change of the function of adrenal cortex during the introduction of dibazol, papaverine and their combinations. p. 704.
- Solov'ev, G. P. - Pharmacological properties of anaprox. p. 702.
- Morkov, M. F., and others. - Change of the adhesiveness of thrombocytes under the effect of anticoagulants. p. 706.
- Kapitonenko, T. A., Maslennikov, V. P. - Effect of phenylbutamine and norepinephrine on the knee-joint barrier in normal conditions and in experimental arthritis. p. 709.
- Dolgov, P. P. - Effect of antiphlogistic agents on the intensity of inflammatory edema in a different season of the year. p. 714.
- Solov'ev, V. M., Tolmacheva, M. S. - Curative action of the aerosol of amino-antacid during experimental influenza infection of albino mice. p. 714.
- Patek, M. M., and others. - Protective action of orotic acid on the liver during the reaction of toxic substances in small doses. p. 717.
- Mordovtseva, A. I. - Effect of chlorophyll and sorbitol on peristaltic peristalsis activity of the stomach. p. 720.
- Borovina, I. A. - Protection of muscle oblique muscles from irreversible inactivation with amines by means of some muscle relaxants. p. 721.
- Orlova, M. M., and others. - Experience of using the combined-tissue extract (catixone) for influenza prophylaxis among the children contingents of the outpatient of 1967. p. 724.
- Karabashvili, G. B., Anisimova, O. I., Kropachev, V. A. - Inductive action of some polymer derivatives of pyruvic acid in the acute poisoning by methylmercury ketone peroxide. p. 728.
- Brodskiy, R. H., Krasova, V. A. - Toxicology of mefenoxime. p. 731.
- Krivonoz, L. V., Pechenina, M. L. - Toxic action of the excessive doses of vitamin A and its combination with tocopherol on the oxidative phosphorylation in mitochondria of the liver of a rat. p. 733.
- Mel'nikova, L. P. - Effect of the antagonists of acetylcholine and acetylcholinesterase inhibitors on the antispasmodic action of atropine. p. 735.
- Bol'gov, I. M. - Effect of macrocyclic compounds on the course and fatal termination of intoxication by novembolide in mice of a different age groups. p. 738.
- Tinay, M., and others. - Effect of 5-morcapto-8-azauracil and cytosine on toxicity of cyclophosphamide. p. 741.
- Lutchenko, P. I. - Effect of some cholinergic, adrenergic, and sympatholytic substances on the resistance of animals to acute hypoxia. p. 743.
- Ushakov, B. B., and others. - Effect of 6-fluorouracil on the development of immunological response to soluble and non-soluble antigens. p. 745.
- Shkharonko, A. A., and others. - Some data of the effect of polyethylene oxides on erythrocytes and human blood plasma. p. 748.
- Chernobyl, L. K. - Mechanism of toxic effect of triethylamine. p. 750.
- Podkamskaya, A. I. - Leningrad Pharmacological Society and Section of the Pharmacology of I. M. Sechenov Leningrad Society of Physiologists, Biochemists, and Pharmacologists. p. 753.
- Georgii Ivanovich Kladyshev on his 70th birthday. p. 754.
- FARMATSEVTICHESKIY JURNAL [PHARMACEUTICAL JOURNAL]**, issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 23, no. 3, 1968.
- Table of contents translated:
- Zakharova, L. T., Spirak, F. I. - More consideration to be given to the planning of pharmacy network. p. 2.
- Ilyashenko, V. I., Borbatova, R. M. - Commercial price reduction for the pharmacy system. p. 8.
- Lobanova, L. I. - Hospital competition: an effective means of further work improvement of pharmacological institutions. p. 11.
- Volkovskiy, V. F. - Some problems of prophylaxis and treatment of acute latent infections and particularly cytomegalovirus. p. 14.
- Skolnik, M. P. - Chemologic methods of synthesis and plant origin. p. 18.
- Levin, I. B., Trunova, M. A., Iltis, M. Kh. - Method for obtaining the wool wax alcohol. p. 24.
- Mokhov, B. L., Sokolov, Y. M. - Qualitative analysis of some multicomponent drug mixtures by thin layer chromatography. p. 28.
- Akopian, O. A. - Comparative evaluation of the methods of quantitative determination of atropine based on light absorption measurements. p. 32.
- Kontsevich, L. S., Vladimirova, O. V. - 3-Amino-2-naphthol derivatives as the reagents for inorganic analysis. p. 38.
- Kovalchuk, T. V., Tarkovskiy, M. M. - Spectrophotometric determination of some sympathomimetic substances. p. 43.
- Medvedevskiy, A. O. - Coprimetric determination of levonylamine and synthylin in preparation and drug forms. p. 54.
- Korobovskiy, I. T. - Spectrophotometric study of some esters of ambrosinols in the region of ultraviolet spectra. p. 58.
- Rajapoor, L. I. - Spectrophotometric determination of chlorides. p. 60.
- Pilbin, S. H. - Use of oxy-, methyl- and ambrosinol-ester phenylthio acid for differentiation of parietal alkaloids. p. 62.
- Askerov, M. A., Demuk, P. H. - Some data on a general pharmacology of 8K glycosides. p. 68.
- Karova, H. V., and others. - Physicochemical properties and pharmacological activity of alcohol derivatives. p. 73.
- Basargin, S. Z., Zakhov, F. A., Lashin, F. V. - Use of nucleoside esters of higher fatty acids as oil-soluble bases. p. 78.
- Borunov, I. E., Serebrenko, S. M. - Effect of twin 60 on the uniformity of the distribution of tablet density. p. 81.
- Hamid, V. T., Prokhorovskiy, A. S. - Use of pseudotuberculation for obtaining tablet granules. p. 83.
- Yatsenko, M. M., Zykova, M. A., Pivovarov, N. P. - Anatomical structure of *Seipha marmorata* Gaertn. fruit. p. 84.
- FARMATSEVTICHESKIY JURNAL [PHARMACEUTICAL JOURNAL]**, issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 17, no. 4, July-Aug. 1968.
- Table of contents translated:
- Popov, G. A. - Current public health problems. p. 2.
- Kocherzhenko, V. D. - Development of pharmacy in railway transportation during the years of Soviet power (1917-1967). p. 1.
- Guzman, M. Kh., and others. - Study of the solubility of essential oils. p. 11.
- Orlovskaya, G. P. - Study of the emulsifying characteristics of some surface-active substances stabilizing the emulsion of oil-soluble bases of the water-in-oil type. p. 18.
- Aliev, A. M., Babayev, M. A. - Study of alkaloids derived from *Viburnum* herbaceous W. & K. growing in the Azerbaijan S.S.R. p. 23.
- Pogorelov, O. V. - Pharmacognostic study of *Boletus* (herbaceous L. potato shoots, a source of valone). p. 27.
- Ivashenko, K. I., Orlovskaya, M. A., Solov'ev, V. A. - Dissociation constants of weak organic bases in acetone. p. 32.
- Kovalevskiy, L. I. - Use of objective photometric methods for the quantitative determination of some steroid hormones. p. 38.
- Malinova, A. B., Lidorova, V. M. - Comparative study of the hemostatic effect of the *Viburnum* species L. fluid extracts. p. 43.
- Bratkovskiy, B. A., Bratkovskiy, A. A. - Preparation of an expedient form for the "ascosol-revelation" card used for commercial pharmacies. p. 44.
- Utev, P. M., Cherkashin, V. I. - Signatures and special prescriptions blanks. p. 48.
- Vodorenko, M. A. - Containers in the pharmaceutical industry. p. 50.
- Artemov, A. I. - Rational volume of plastic containers for drugs. p. 51.
- Cherkashin, A. I., Moshchakov, P. A. - Modernized device for hermetic fastening of vial caps. p. 54.
- Kaleja, O., Oskalek, S. - Improved method for quantitative determination of atropine sulfate in eye drops. p. 55.
- Lobanov, V. I., Dorokhova, V. I. - Thermometric determination of barbital and phenobarbital. p. 58.
- Kharin, A. A. - Activity of Chita Province Control and Analytical Laboratory. p. 61.
- Pakhra, S., Akhmet, B. - Parvovirus alkaloids. p. 64.
- Pharmacists of the Scandinavian countries on a visit to the Soviet Union. p. 66.
- In memory of Professor V. G. Kolesnikov. p. 68.
- Belova, O. I., Blagovidova, I. A. - Preparation of liquid drugs containing barbituric acid derivatives. p. 72.
- Corvalol. p. 72.
- Cycloheximide. p. 73.
- KHIMIKO-FARMATSEVTICHESKIY JURNAL [CHEMICAL AND PHARMACEUTICAL JOURNAL]**, issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 2, no. 12, Dec. 1968.
- Table of contents translated:
- Shvedov, V. I., and others. - Synthesis of pyrimidine (2,3)-nucleosides. p. 3.
- Tishchenko, L. P., Kiselev, L. M., Iashchenko, V. G. - Quaternary. Part 2: Synthesis and properties of 3-aryl- β -quaternary. p. 7.
- Ushakov, B. A. - 4-Thiazolone derivatives containing the diphenylacetic acid hydrazide radical. p. 13.
- Berezovskiy, V. M., and others. - Synthesis of 4-amino-1-deoxy-18-methylpyrrol-L-glutamic acid. p. 15.
- Red, M. N., Lashin, F. V. - Synthesis of benzyl-pentadiene polymer salts. p. 18.
- Kashir, L. E., Kozlov, A. D. - Chemical structure of neurine, a sesquiterpene lactone from *Santura polobella* Fleck. p. 21.
- Zemskova, G. M., Bandukova, V. A., Shkharonko, A. L. - Quercetin diglycoside from *Scabiosa ochroleuca* L. p. 29.
- Krmolenko, I. M., and others. - Cellulose phosphate, a new agent for stabilization of donor blood. p. 33.
- Shanikova, V. I., Krasov, L. M. - Use of sectional plate heat exchangers in the production of anti-motile. p. 39.
- Tikhonova, V. A., and others. - Unit for continuous thermal sealing of ampoules and for cooling them with sterile air. p. 42.
- Vilay, A. V., and others. - Concentration of solutions containing thermolabile and foaming substances. p. 45.
- Osipov, L. G., Kozov, A. I., Lashin, F. A. - Drying of penicillin in an air-steam drying unit. p. 47.
- Kozov, F. A., Tikhonov, V. V. - Quality control of filter charge of the Krasov Scientific Research Chemical and Pharmaceutical Institute. p. 48.
- Vodorenko, M. M. - Modern forms of organization of the pharmaceutical industry in capitalist countries. p. 53.
- LJUBLJANA, KHIMIKO-FARMATSEVTICHESKIY INSTITUT. Trudy [PHARMACEUTICAL CHEMISTRY INSTITUTE. Transactions], Vol. 18, 1968. Voprosy farmakologii [Problems of pharmacology], no. 8.**
- Table of contents translated:
- Dorova, M. A. - Estimation of the resources of raw materials of medicinal plants. p. 2.
- Gron, L. L. - Materials on the geographical distribution of medicinal plants in the Kori A.S.S.R. p. 17.
- Pravov, I. A. - Materials on the geographical distribution of medicinal plants in the Vain A.S.S.R. p. 24.
- Mikhlin, L. K. - Materials on the pharmacognostic research of some species of the family *Geraniaceae* Dumort growing in the northwestern Caucasus. p. 37.
- Tava, V. G. - Biology of *Corallaria majalis* L. p. 42.
- Guzmanova, A. F., Solov'ev, L. V., Orlovskaya, M. K. - Comparative morphological studies in *Astragalus sibiricus* Pall. p. 47.
- Gel'man, E. P. - Comparative morphological studies of *Myrica aspidophylla* J. et C. Presl and *Myrica latifolia* (L.) Smith. p. 53.
- Demidova, M. F. - Anatomical study of *Dracopis* nodulosa Rupr. Report No. 1. p. 67.
- Mikogostov, L. Kh. - Study of the cytological activity of flavonoids from *Helichrysum arenarium* DC. p. 71.
- Selina, L. V., Syrovatkin, M. V. - Diagnostic analysis of *Polypodium argeum* L. p. 82.
- Shapka, L. I. - Using fluorescence microscopy in the study of plants. Report No. 1. p. 88.
- Ustinov, A. A. - Anatomical structures of some species of *Lithospermum* L. p. 97.
- Iakovlev, G. P. - Short taxonomic review of the vegetable parts of the genus *Sophora* L. p. 119.
- Shchegoleva, K. F., Kozlov, M. N. - Pharmacognostic study of *Hypochaeris glabra* L. p. 123.
- Musheva, L. D. - Contents of mungbeans and other minerals in plants of the *Ericaceae* species used in medicine. p. 141.
- Stolov, E. L., Musheva, L. D. - Color change in the leaves of the cranberry, *Vaccinium vitis-idaea* L. during the drying process. Report No. 1. p. 157.
- Shchegoleva, K. F., Kozlov, V. B. - Medicinal plants of Tibetan medicine used in Transbaikalia. p. 163.
- Volkovskiy, A. G. - Materials on the study of folk medicines in Bryansk Province. p. 176.
- Gruskytskiy, I. V. - Pinax pseudo-ginseng Wall., a valuable medicinal plant of oriental medicines. p. 186.
- Gron, L. L. - Information about medicinal plants used in folk medicine in the Kori A.S.S.R. p. 199.
- Derzhavina, F. L. - Medicinal plants and collected species used in folk medicine in the Kori-Parvinsk National Area. p. 218.
- Makarevich, S. G., and others. - Materials for the study of certain folk medicine remedies of Sakov Province. p. 226.
- Popov, V. I. - Hemostatic remedies used in folk medicine in White Russia. Report No. 1. p. 231.
- Shchegoleva, K. F., Kozlovskiy, I. A. - Antibacterial properties of the essential oil extracted from the roots of *Carthamus biebersteinii* Benth. p. 238.
- Kolesnikov, I. I. - Additional resources of the flora and national medicines of Burma, and prospects for their further study and use in scientific medicine. Report No. 1. p. 242.
- REPERATIVNIY JURNAL FARMACOLOGIIA. KHIMIKO-TERAPEVTICHESKIY SROSTVA. TOXIKOLOGIIA** (Obshchiy vypusk 84) [JOURNAL OF ABSTRACTS: PHARMACOLOGY, CHEMOTHERAPY, TOXICOLOGY (Separate issue 84)], issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 10, Oct. 1968.

MOSCOW TSEENTRAL'NYI APTECHENYI NAUCHNO-ISLEDOVATEL'SKII INSTITUT [CENTRAL PHARMACEUTICAL SCIENTIFIC RESEARCH INSTITUTE. Papers]. Vol. 8, 1964.
Study of the possibility of using some polymers and rubbers in pharmacy.
Table of contents translated.
Allurkin, M. T. - Some data on the use of polyorganosiloxane liquids as the components of the bases of ointments and liniments. p. 7.
Alksin, M. T., Lebedev, B. M., Salnikov, E. T. - Study of the reabsorption of substances from silicon-containing preparations. Report No. 11: Reabsorption of guinea pig skins of radiophosphorus (P-32) from emulsion silicon-containing preparations. p. 18.
Artem'ev, A. I. - Factors affecting permeability of polymeric materials. p. 22.
Sedova, K. D., and others. - Study of the effect of rubber cores of samples I-84 and I-81 on quality of injection solutions during the storage. p. 34.
Kronova, V. A., Sedova, K. D. - Study of the effect of rubber cores of I-84 and I-81 samples on alcohol. p. 41.
Kronova, V. A., Igumova, M. S. - Study of some brands of rubber tubes in order to select the most promising for their use in pharmaceutical practice. p. 44.
Bul'varova, X. L., and others. - Study of the sterilization condition of thermolabile powders. p. 48.
Nikitin, L. L., and others. - Sterilization of auxiliary materials by steam at different pressures. p. 68.
Bul'varova, X. L., and others. - Study of microbe inoculation and preservation of concentrates and eye drops prepared aseptically. p. 70.
Eko, V. M. - Remarks on some problems of incompatibility of medicinal substances. p. 87.
Eko, V. M., Muzumukova, L. S. - Incompatibility of alkaloids and synthetic organic bases. p. 88.
Davydova, V. A. - Stabilization of the concentrated solutions of novocaine. p. 103.
Vasilevskaya, K. L., Vasil'eva, Z. F., Shvets, G. K. - Mechanism of washing the pharmaceutical prescription ware. p. 117.
Mazur, G. K., Sholokhov, L. V. - New laurie apparatus. p. 123.
Belova, G. I., Dzikova, V. V., Plotnikov, M. V. - Efficiency of the extraction of plant raw material depending on time of swelling and infusion. p. 124.
Polishov, R. G., Belova, G. I. - Study of the effect of kochia tincture on blood pressure and breathing of rats. p. 134.
Chichiro, V. E., Polishov, R. G., Shilov, I. M. - Preparation of aerogels from leucosol. p. 138.
Trakman, I. G. - Preparation of aerogels from the leaves of *Stachys phaeophylla*. p. 147.
Chichiro, V. E. - Use of chromatography in a thin layer of adsorbent for identification of some alkaloid-containing tincture and extracts in medicinal mixtures. p. 163.
Chichiro, V. E. - Identification and quantitative determination of alkaloids in a dry extract of *Thymus leucocoma*. p. 167.
Trakman, I. G. - Study of alkaloid bases of *Stachys phaeophylla*. p. 174.
Andreeva, L. G. - Mechanism of chromatographic separation of organic compounds. p. 182.
Andreeva, L. G. - Mathematical calculation of pH of buffer solutions for chromatographic separation of the mixtures of alkaloids and organic bases. p. 185.
Polishov, R. G. - Biological evaluation of the activity of medicinal mixtures. p. 190.

g PUBLIC HEALTH & NURSING

GIGIENA TRUDA I PROFESSIONAL'NYE KAPOLEVA-NIYA [INDUSTRIAL HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 12, Dec. 1963.
(ONLM)

MEDITSINSKAJA SIBIRIA [MEDICAL NURSING]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 22, no. 1-2, Jan.-Feb. 1964.

MOSCOW TSEENTRAL'NYI NAUCHNO-ISLEDOVATEL'SKII DEZINFETSIONNYI INSTITUT [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF DEINFECTIOLOGY. Transactions]. No. 14, pt. 2, 1967.

Table of contents translated.
Vashkov, V. L. - Modern methods and methods of control of Arthropoda. p. 1.
Olibet, A. A. - Experience in the use of carbophos insecticide for the control of lice. p. 13.
Olibet, A. A. - Effect of carbophos insecticide on mite larvae. p. 17.
Popov, L. A., Brilman, L. I., Kuznetsov, K. I. - Control of cockroaches with the aid of polystyrene balls. p. 18.
Teturovskaya, T. O. - Effect of cooling on the viability of the protozoa and insect phases. *Musca sorbens* W. D. p. 24.

Bogdanova, R. A. - Insecticidal properties of savin of Soviet production in relation to insects found in human environments. p. 31.
Kartabash, E. B., Tselin, V. M. - Toxicity of insecticidal resin to bees and ticks. p. 32.
Kartabash, E. B., and others. - Insecticidal and acaricidal characteristics of ligonitrobenzene and its toxicity to animals. p. 35.
Vashkov, V. L., Skocov, M. N., Bogdanova, R. A. - Insecticidal characteristics of savin in relation to insects found in human environments. p. 37.
Larionova, V. D., and others. - Practical use of methylacetophos and its ovicidal characteristics in a mixture with some compounds. p. 42.
Samarin, G. P., Alekseev, A. M., Skirnovich, P. I. - Study of optimal conditions for the reproduction of *Bees Xanthopis cheops* Roth. and *Ceratomyza fasciata* Baso. p. 47.
Miasnik, I. U. - Compatible effect of octachlorodipropyl ether and some insecticides of various groups of chemical compounds on the housefly *Musca domestica*. p. 54.
Miasnik, I. U., and others. - Effect of some insecticides and their mixtures with octachlorodipropyl ether in the form of aerosol on the housefly (*Musca domestica* L.). p. 60.
Sukhorov, M. M., and others. - Possible use of chlorophyll *A* and *B* for the quantity accounting of insecticidal flies and increasing its effectiveness by adding food bait. p. 64.
Brilman, L. I., and others. - Study of the virulence of entomopathogenic sporogenous microorganisms in relation to the red house and *Musca domestica* L. p. 70.
Vashkov, V. L., and others. - Use of methylacetophos in public pediatrics: preliminary report. p. 77.
Instructive and methodical indices in the control of bedbugs. p. 81.
Temporary instruction for the use of metaphos (diazinophos) for the extermination of insects (flies, bugs, etc.). p. 84.

h. SURGERY & DENTISTRY

ERIVAN NAUCHNO-ISLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDI [SCIENTIFIC RESEARCH INSTITUTE OF TRAUMATOLOGY AND ORTHOPEDICS. Papers]. No. 5, 1968.

Table of contents translated.
Isakian, I. G. - Hemiparalysis in traumatology and orthopedics. p. 3.
Mikaelian, M. K., Avetian, M. K. - Treatment of traumatic hip dislocations. p. 8.
Kristoforov, T. L. - Traumatism and work regimen in machine operators in farming. p. 9.
Lalayan, R. L., Khachatryan, O. K. - Study of traumatism at the Erivan Plant named after S. M. Kirov during the period 1949-1960. p. 12.
Simonian, B. - Traumatism on Arith mill quarries. p. 17.
Marichian, O. A., Zargarian, A. Kh. - Some data on agricultural traumatism and its control in the Sharmshatinsk District of the Armenian S.S.R. p. 21.
Oganesian, I. B. - Bone fractures and their treatment in workers of the Kachikavan Copper and Molybdenum Combine. p. 24.
Arautyan, A. A., Petrosian, S. Z. - Open fractures of the long (tubular) bones of the lower extremities complicated by osteomyelitis in hip fractures. p. 28.
Petrosian, S. Z. - Metallic osteosynthesis in hip fractures. p. 32.
Kristoforov, T. L. - Organization of medical aid in agricultural traumatism. p. 38.
Ter-Shepelian, A. A. - Acute trauma of the chest and its organs. p. 41.
Ushakov, M. S. - Sport-related traumatism among schoolchildren of Erivan, and measures for its prevention. p. 45.
Rakhman, L. E. - Pathogenesis of severe trauma of abdominal organs, experimental data. p. 48.
Serkisyan, G. T. - Operative treatment of deep burns. p. 57.
Bogdanov, A. G. - Occupational traumatism in complex metal ore mines of the Armenian S.S.R. p. 63.
Mikaelian, A. G. - Early functional state of the knee joint in femoral fractures. p. 67.
Oganesian, O. V. - Methodology of closed transosseous reposition and fixation of fragments with the compression of fresh and neglected diaphyseal fractures of the shin bones. p. 73.
Igitchian, A. M., Meliksetian, A. M. - Endorphin-like substances of the frontal bone. p. 81.
Ter-Mikaelian, M. M. - Effect of cortisone on the phagocytic activity of the leucocytes in the transplantation of heterologous cartilage. p. 86.
Akopyants, A. L. - Results of the transplantation of osseous homographs preserved by different methods, experimental study. p. 88.
Gulistan, S. M. - Rare case of chondromatosis of the elbow joint. p. 89.
Rakhman, L. E. - Case of a "cleaved" patella. p. 101.
Kasarian, A. G. - Case of ossification of the anterior portion of the tendinous center of the diaphragm. p. 103.
Khachatryan, O. K. - Pathohistological changes in a free skin graft with and without biological glue. p. 107.
Puroslan, R. - Puncture biopsy data on morphological changes in the liver following burns. p. 119.
Khachaturian, T. O., Orghorian, A. A. - Clinicochemically parallel in the dynamics of saliva formation following fractures. p. 122.
Mikogoyan, R. O. - Cysts of the jaw. p. 125.
Egiaz, G. M. - Malignant tumors of the jaws. p. 138.
Mikaelian, M. G. - Conservative treatment of trochanteric fractures of the femur. p. 148.

Mikaelian, A. A., Ushakov, M. S., Mikaelian, A. G. - Restoration of the locomotor function in displaced fractures of the femur. p. 149.
Bardalov, Kh. A. - Some problems of early operative intervention in congenital hernia. p. 154.
Serkisyan, G. T., Agasarian, Kh. M. - Osteodystrophic changes in the lower extremities in aspermatism as consequences of injuries and excessive loads. p. 158.
Akopyants, V. R. - Changes in osseous tissue during the reconstruction process of the long tubular bone in children at different periods. p. 168.
Arautyan, A. A. - Bone holder for osteosynthesis of tubular bones. p. 169.
Serkisyan, G. T. - Burns at the Plant named after S. M. Kirov and their prevention. p. 171.
Kunikumskiy, V. A., Pevsner, S. A. - Local anesthetic effect of some anesthetic preparations on Ehrlich's ascitic carcinoma in white mice. p. 178.
Andreev, A. S., Pevsner, S. A. - Effect of pyrogenal and its simultaneous use with H₂O₂ on the morphological and physiological picture of a completely interrupted spinal cord. p. 181.
Ter-Shepelian, A. A. - Case of a late laminectomy in a lesion of the spinal cord caused by the fracture of the second lumbar vertebra. p. 186.
Akopyants, V. R. - Radiographic data following fractures of the long tubular bones in children. p. 187.
Petrosian, R. Kh. - Analysis of some clinical-statistical data in relation with the pathogenesis of congenital dysplasia of the hip joint. p. 199.
Akopyants, A. L. - Experience in laboratory work on the preparation of preserved tissues. p. 213.
Movsisev, M. E. - Results of surgical treatment of osteoarthritic tuberculosis based on materials of the Armenian State Tuberculosis Hospital during the period 1953-1963. p. 219.
Petrosian, R. Kh. - Treatment of congenital dysplasia of the hip joint. p. 223.
Geocharom, V. V. - Use of fluoroplast in plastic surgery on vagin tendinitis. p. 230.
Tumian, S. D., Igitchian, A. M. - Experimental study of plasticity in fractures of tubular bones. p. 237.
Mikaelian, A. G. - Origin of immobilization contraindications: a review of the literature. p. 243.
Orghorian, L. M. - Clinical aspects and treatment of hemophilic arthropathy. p. 249.
Tumian, S. D. - Outcomes of the treatment of femur fractures with intramedullary fixation. p. 254.
Bardalov, Kh. A., Igitchian, A. M. - (Arthroblastoma) of the jaws and its treatment. p. 261.
Rakhman, L. E. - Intramedullary anesthesia in arthroplasties on the extremities. p. 269.
Bardalov, Kh. A. - Treatment of injuries to the main arteries. p. 283.
Tselin, V. M. - Case of hypoplasia with mosaic corrected by means of surgery in a male considered for 32 years to be a female. p. 286.
Lalayan, R. L. - Congenital defects of the thorax. p. 304.
Georgiev, V. A. - Significance of the interrelation of the various phases of the vagina of the genital organs and the portal vein in surgical and obstetric gynecological practice. p. 300.
Mikogoyan, R. O. - Tumors of the jaws. p. 311.
Agasarian, Kh. M. - Results of compound treatment of gonorrhea. p. 318.
Arautyan, P. S. - Anesthesia in surgical intervention for paronychia. p. 320.
Serkisyan, G. T., Ushakov, M. S., Agasarian, Kh. M. - Diaphragmatic hernia. p. 323.
Kocharyan, R. R. - Development of the manufacturing of prostheses in Armenia of the Middle Ages. p. 327.
Khachatryan, V. O., Akopyants, M. Kh., Sedgarian, M. A. - Treatment of tuberculous lymphadenitis. p. 343.
Khachatryan, M. M. - Gastric myomas. p. 349.
Aliev, M. M. - Protein hydrolysis from the placenta. p. 363.
Ter-Khachaturian, G. M. - Colocoma's method of open setting of congenital hip dislocation. p. 369.
Tselin, V. M. - Histological study of the effect of allotransplants on the cavernous bodies of the penis under experimental conditions. p. 365.
Mikaelian, M. G. - Characteristics of the organization of care, and functional methods of the treatment of patients with trochanteric fractures of the femur. p. 373.
Avetian, M. K. - Physiological characteristics of the sternocleidomastoid muscle in congenital muscular torticollis before and after surgery. p. 379.
Orghorian, L. M. - Rare case of congenital anomaly of the hand and forearm. p. 381.
Vartanian, A. T. - Our experience in using tibiotic anesthesia with controlled respiration in surgery on children. p. 385.
Cherbas-Zade, D. L. - Treatment of metatarsal fractures by means of skeletal traction on a specific bar. p. 389.

GRUDNAYA KHIRURGIYA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 8, No. Dec. 1963.

Table of contents translated:
Kolesov, A. P., Morozov, P. G. - Repeated thoracotomy in early complications following intrathoracic surgery. p. 3.
Kolesov, A. P., and others. - Surgery on the heart using the Soviet artificial circulation apparatus AIX-63, constructed by the Scientific Research Institute of Experimental Surgical Equipment and Instruments. p. 7.

- Khetishvili, T. S., Mikhova, M. A., Berzov, I. U. R. - Using the luminescent method to determine the degree of revascularization of the heart following surgical treatment of an experimental cardiac ischemia. p. 11.
- Chlondka, N. K., Kagramanov, L. L. - Transposition of the major vessels and chambers of the heart, anatomical characteristics, concept, and classification. p. 12.
- Konstantinov, B. A., Astrakhanova, G. L. - Anomalous positions of the heart. p. 13.
- Zolotarevskaya, L. A. - Phonocardiography in tricuspid stenosis. p. 20.
- Balitskiy, F. V., and others. - Acute hypertension of the lesser circulation following surgery under conditions of extracorporeal perfusion. p. 22.
- Komarov, B. D., Krymova, K. B. - X-ray diagnosis of aneurysms of the thoracic portion of the aorta in the light of surgical treatment. p. 24.
- Kovalev, V. V., Kravtsovskaya, M. N., Radalian, L. O. - Neurophysiological disorders in the immediate postoperative period following surgical treatment of mitral stenosis. p. 44.
- Struchkov, V. L., Makhutskaya, L. S. - Clinical and electrocardiographic comparisons in evaluating the operability prior to pulmonary resection. p. 42.
- Krasovskiy, V. V., Movikov, B. F. - Collapses and postoperative pulmonary atelectasis in children. p. 46.
- Orlovskiy, A. V., and others. - Bronchopulmonary and bronchographic examination in evaluating the functional state of an operated lung. p. 60.
- Orlovskiy, N. I. - Cystopulmonary anastomosis: indications and operative techniques. p. 62.
- Dedov, B. V., Khramova, M. V. - Bilateral resection of the lungs in pulmonary tuberculosis. p. 74.
- Perel'man, M. L., Epstein, T. V. - Resection of the lungs at the peak of pulmonary hemorrhages in tuberculosis. p. 78.
- Portol, L. M., Daldov, P. L. - Comparative evaluation of tomography, bronchography, and bronchodensitography in the diagnosis of some diseases of the lungs. p. 81.
- Shraer, T. L. - Causes of perforation of the thoracic portion of the esophagus. p. 80.
- Rika, A. L. - X-ray examination of the esophagus in severe cases of achalasia. p. 80.
- Siderenko, L. M., Lisov, L. L. - First experience in the clinical use of a high-pressure chamber. p. 90.
- Berglevskiy, V. S., Kirichenko, M. M. - Rare case of a common arterial trunk with pulmonary hypertension. p. 100.
- Gel'perin, I. B., Kondratyeva, V. A., Komarov, I. A. - Patent ductus arteriosus and endocardial fibroelastosis. p. 101.
- Stepanov, M. A., Orlovskiy, S. P. - Surgical treatment of bronchial aneurysm in children. p. 102.
- Shelikhovskiy, M. V., Vasylov, S. D. - Case of unusual localization of a pulmonary fibroma. p. 106.
- Voropayev, M. M., Adanina, A. A. - Removal of foreign bodies from the lungs under the control of an electron-optical transducer with a television unit. p. 104.
- Vladimirov, R. B., Pirogov, P. P. - Composition of the alveolar air of each lung in toxic and septic diseases of the lungs. p. 104.
- Sazonova, V. D. - Case of congenital hypoplasia of the middle pulmonary lobe with an atypical localization. p. 109.
- Melnicov, G. D. - Late results of a case of resection of the diverticulum of the cervical portion of the esophagus. p. 111.
- (DNLM)
- KAZAKHSTAN INSTITUTE OF CLINICAL AND EXPERIMENTAL SURGERY. Trudy KAZAKH INSTITUTE OF CLINICAL AND EXPERIMENTAL SURGERY. Transactions. Alma-Ata, vol. 15, 1977. Problems of cardiovascular surgery.
- Table of contents translated
- I. M. Mikhailovskiy, 1934-1984: an obituary p. 3.
- Syrganov, A. M., and others. - Some problems of surgical treatment of mitral stenosis: immediate and late results of mitral commissurotomy. p. 6.
- Popov, R. K., and others. - Significance of electrotherapy in clinical aspects and surgical treatment of mitral stenosis complicated by cardiac fibrillation. p. 18.
- Zhigalkin, V. M., Zaitseva, M. P. - Hemodynamic changes during commissurotomy. p. 20.
- Korobkov, V. P. - Bronchopulmonary anastomosis following mitral commissurotomy. p. 28.
- Bozhikova, N. S. - Size and form of the atrium dilatation in insufficiency of the mitral valve. p. 36.
- Litvinova, R. P. - Changes in the blood coagulation and anticoagulation systems in rheumatic cardiac defects. p. 32.
- Krasovskiy, T. A. - Comparative characteristics of electrograms of the epicardium. p. 34.
- Ioffe, L. T., Bolotova, M. A., Kaidukhmanov, T. K. - Change in the bronchial patency in mitral stenosis following mitral commissurotomy. p. 43.
- Mugomarov, K. K. - State of the thyroid gland in mitral stenosis before and following mitral commissurotomy. p. 47.
- Tsybanova, M. G. - Some characteristics of an electrocardiogram in thyrotoxic endemic goiter. p. 52.
- Zhigalkin, V. M., and others. - Catheterization, puncture and angiocardiology in the diagnosis of cardiac defects. p. 54.
- Pokrovskiy, A. V., and others. - Some problems of clinical aspects, diagnosis, and surgical treatment of patent ductus arteriosus in conjunction with other congenital cardiac defects. p. 62.
- Zhigalkin, V. M. - Clinical aspects, diagnosis, and results of surgical treatment of patent ductus arteriosus. p. 70.
- Dimant, S. L. - Fluoroscopic X-ray diagnosis of defects of the interventricular septum. p. 76.
- Berglevskiy, V. S., and others. - Open heart surgical treatment of cardiac defects under hypothermia. p. 81.
- Litvinova, R. P., Zaitseva, M. P. - Reduction of the percentage of blood oxygen content to volume percentage. p. 84.
- Mugomarov, K. K. - Removal of a giant aneurysm of the right temporal artery. p. 91.
- Berglevskiy, V. S., Litvinova, R. P., Semenov, G. V. - Supracardiac vascularization of the myocardium following surgical treatment of congenital and acquired cardiac defects. p. 84.
- Litvinova, R. P., Semenov, G. V. - Morphology of the healing of a cardiac wound. p. 85.
- Syrganov, A. M., Abramkin, B. A. - Immediate and late results of surgical treatment of myocardial infarct. p. 102.
- Abramkin, B. A., Klimovskiy, K. D. - Dynamics of clinical-electrocardiographic indices following surgical intervention in acute myocardial infarct. p. 106.
- Abramkin, B. A., Sechotkin, V. I. - Characteristics of the administration of narcosis in surgical intervention for acute myocardial infarct. p. 113.
- Berglevskiy, V. S., Tsoi, L. A. - Experimental surgical intervention on two coronary arteries. p. 120.
- Tsoi, L. A., Berglevskiy, V. S. - Preparing the coronary arteries for resection. p. 124.
- Tsoi, L. A., Berglevskiy, V. S. - Experimental anastomosis and opening of the coronary arteries of the heart. p. 124.
- Tsoi, L. A., Chervin, V. M. - Surgical anatomy of the coronary vessels of the heart in dogs. p. 126.
- Urutskoy, I. U., Adil'sheva, L. Kh. - "Epidemiology" of atherosclerosis in Kazakhstan. p. 137.
- Tolstov, M. T. - Change in the coronary blood flow following prolonged intracardiac blood infusion. p. 139.
- Tolstov, M. T. - Effectiveness of a massive intracardiac blood infusion in animals following their recovery from a state of clinical death and traumatic shock. p. 143.
- Tolstov, M. T. - Massive intracardiac blood infusion in conjunction with simultaneous bloodletting, a method of treating fatal acute poisoning. p. 144.
- Kozlov, V. G. - Alcohol analgesia following surgery on the heart. p. 151.
- Bolotova, M. A., Ioffe, L. T. - Electrocardiographic characteristics of a respiratory insufficiency in surgical diseases of the lungs. p. 156.
- Iavorovskiy, G. V., Tsybanova, M. G., Nurebayev, T. A. - Phase analysis of the systole of the heart in surgical diseases of the lungs: preliminary report. p. 154.
- Zakharov, B. L., Urabbaeva, K. M. - Electron-microscopic study of the human myocardium in congenital and acquired cardiac defects. p. 161.
- Kaidukhmanov, T. K. - Determining by means of radioactive isotope the functional residual lung capacity and uniformity of the pulmonary ventilation in mitral stenosis and septic pulmonary processes. p. 167.
- (DNLM)
- KLINICHESKAYA KHIRURGIIA (CLINICAL SURGERY). Organ of Ministerstvo zdravookhraneniya USSR [Ministry of Public Health of the Ukrainian S. S. R.]. Kiev, no. 10(33), Jan. 1983.
- Table of contents translated:
- Shapik, P. L. - State and tasks of surgical service for the population of the Ukrainian S. S. R. p. 2.
- Lazarev, M. V., Lifshits, R. I. - Regeneration of stents and amorphous compounds. p. 11.
- Pidkade, A. L., and others. - Some characteristics of the treatment of mitral stenosis following commissurotomy. p. 20.
- Stepanov, V. S. - Late results of plastic surgery for extensive pericardial defects following pneumothorax under experimental conditions. p. 22.
- Prokopenko, L. V. - Treatment of congenital clubfoot in children. p. 27.
- Ovorkin, I. Kh., Bagdasarian, M. P. - Foot myeloma in the U. S. S. R. p. 31.
- Ovorkin, V. I. - Changes in motor innervation of skeletal muscles of the extremity during its immobilization: experimental histological study. p. 37.
- Chervinskaya, V. M. - Prevention of septic skin diseases due to microtrauma at the Desoprotovsk Metallurgical Plant named after Kari Litvinov. p. 44.
- Mel'nikov, I. M. - X-ray determination of the intervention angle of the femoral neck. p. 48.
- Milner, L. A., Terentevskiy, L. G. - Anesthesia in surgery on patients in a state of traumatic shock. p. 49.
- Pukalov, A. T., Shekin, I. M., Ivashenko, M. V. - Some adrenergic functions in surgery under automatic intratracheal ether narcosis and inhibition of vegetative reflexes during corticosteroid treatment. p. 53.
- Nechal, A. L. - Leucocytic reaction in surgery on the brain and spinal cord under local anesthesia and hypothermia. p. 56.
- Kirillov, B. P. - Concerning R. Kh. Brethman's article "Explosion in the grafting of tissues to the heart in chronic coronary insufficiency." p. 61.
- Kal'obenko, L. I. - Appendicitis and cancer of the cecum. p. 64.
- D'achenko, E. P. - Use of alloplastic materials in surgery. p. 71.
- Dorogin, D. A., Legova, V. V. - Traumatic rupture of a healthy heart. p. 73.
- Kaleshov, E. V. - Case of an aortic wound. p. 74.
- Pimrenko, F. I., Zaval'skaya, V. D. - Late complications of intubation anesthesia. p. 78.
- Iablochinskaya, O. M. - Complications following the administration of intratracheal ether and oxygen anesthesia. p. 79.
- Koshchinskaya, O. S. - Local analgesic effect of subcutaneously administered nitrous oxide in endarteritis obliterans. p. 77.
- Iashina, D. M. - Tracheotomy with the insertion of a bronchoscope tube in compressive tracheal stenosis. p. 78.
- Vasilev, V. I. - Anterior surgical approach to the shoulder joint. p. 78.
- Orlovskiy, K. G. - Bone fragment reposition in forearm fractures. p. 80.
- Shevchenko, L. T. - Eighth International Congress on the Control of Cancer. p. 82.
- (DNLM)
- No. 3(304), Feb. 1983.
- Table of contents translated
- Skripichenko, D. F. - Organization of and prospects for the development of surgical services in the Ukrainian S. S. R. p. 2.
- Turovskiy, L. G., Ulanovskiy, I. M. - State of the blood coagulation system in some surgical diseases. p. 8.
- Koshchinskaya, O. S. - Experience in the compound treatment of thrombophlebitis. p. 16.
- Novosad, M. A. - Trypsin in the treatment of thrombophlebitis. p. 19.
- Pavlovskiy, D. P. - Autopsy data on postoperative thromboses and embolisms. p. 24.
- Kal'obenko, L. I. - Immediate and late results in the treatment of profuse uterine gastroduodenal hemorrhages. p. 31.
- Gashvinskaya, R. A. - Acute gastritis: benign changes of duodenal origin. p. 43.
- Torashenko, L. D. - Chlorophyll gastric injury. p. 44.
- Mechiporenko, F. P. - Comparative evaluation of late results of the type and extent of resection of the stomach for peptic ulcer. p. 48.
- Vargulyi, I. A. P. - Motor function of the stomach combining a gastric fistula and an artificially formed esophagus according to Roux - Yorra and modified by S. S. Ioffe. p. 64.
- Kacharenko, A. K. - Electrocardiographic changes in surgery on the abdominal cavity. p. 64.
- Stankevich, W. V. - Homographs to plastic repair for a penetrating defect of the gastric wall with compound radiation injuries under experimental conditions. p. 84.
- Stoy, V. A. - Diagnosis of tuberculosis of the ribs. p. 70.
- Iashina, D. P. - Two cases of gastric injury. p. 73.
- Litvinova, R. P. - Case of hemorrhagic gastric ulcer with a triple perforation. p. 74.
- Vasilev, A. K. - Perforations of the wall of the large intestine caused by coproliths. p. 78.
- Fishchinskaya, A. I. - Injuries to the organs of the small pelvis and abdominal cavity due to a fall on a picket. p. 77.
- Gordov, L. L. - Osteochondropathy of the heads of two metatarsal bones of the right foot. p. 78.
- Larvik, S. S. - International Congress in Mexico on Hematology and Blood Transfusion. p. 84.
- (DNLM)
- No. 3(305), Mar. 1983.
- Table of contents translated:
- Shalimov, A. A., Dotchenko, G. D., Dubinin, B. M. - Experience in the control of bacterial stains. p. 3.
- Boroviy, M. M. - Restoration of the vitally important functions of the organism: ethical observations of the reanimation center of Novosibirsk, 1981-1982. p. 8.
- Khechik, V. L. - In revascularization of the myocardium possible following experimental implantation of a mammary internal artery? p. 14.
- Pis'manov, I. A. - Possibilities of alloplasty as venous access under experimental conditions. p. 16.
- Dobrova, M. A., and others. - Effect of the structure of a vascular prosthesis on its functions. p. 22.
- Dedko, M. B., Marula, B. A., Furmanov, I. A. - Effect of the new antiseptic synchro-C (synchro-C) in experimental alloplasty on the abdominal portion of the aorta in dogs. p. 28.
- Mirza, I. D. - Marginal ectopy of the testis. p. 30.

- Karavayev, G. G., Krasnaya, E. A. - Surgical treatment of hydrocele testis. p. 32.
- Krivonozhko, V. P., Lashchenko, T. S. - Serial trans-lumbar aortography in the diagnosis of tumors of the kidneys and upper urinary tract. p. 33.
- Tsvetov, E. P. - Dangers of infection in the urinary tract in tuberculous transplantation surgery on the urinary bladder. p. 43.
- Mukha, V. G. - Surgical treatment of tuberculous and chronic nonspecific proctitis. p. 48.
- Mel'nik, L. A. - Surgery on the blood vessels and nerves in thermal burns and radiation sickness. p. 50.
- Likhonitskiy, M. M., Moerman, L. A., Pelarski, D. E. - Anesthesia in surgery on the extrahepatic biliary ducts. p. 55.
- Kuligev, I. A. - Methods of intubation anesthesia for children in general surgery hospitals. p. 63.
- Vilenskiy, I. A. D. - Urogenital problems of surgical treatment of valvula. p. 67.
- Aldarov, A. A. - Hydroureterosis of the left L-shaped kidney simulating an "acute stomach." p. 73.
- Bredikhin, I. I., Baychuk, B. D. - Resuscitation of a patient following prolonged fibrillation of the cardiac ventricle. p. 75.
- Udovitch, V. V. - Combined repair of an arterial defect by a vascular autograft and bypass prosthesis. p. 78.
- Pokid'ko, L. A. - Complication of hydrocele testis at (surgical) spermatic. p. 79.
- Karavayev, G. G. - Anatomical substantiation of the technique of suprapubic puncture of the urinary bladder. p. 80.
- Riabov, A. M. - Fluorography apparatus. p. 81.
- Opovov, M. V., Donigevich, M. I. - Arnor-type rigid stretcher. p. 82.
- (DNLd)

No. 4(235), Apr. 1963.

Table of contents translated

- Shervashvili, L. I., Krasnaya, E. A. - Current problems of dispensary service for oncological patients. p. 3.
- Gavrilov, S. G., Kalichashina, A. A. - Differential diagnosis of round formations in the lungs. p. 7.
- Gamet, V. L. - Clinical aspects and treatment of pulmonary cancer. p. 13.
- Rodionov, V. V. - Postoperative mortality in pulmonary cancer. p. 14.
- Petrushev, N. I. A., Pytl, L. M. - Rib deformations, subcutaneous oil cysts, and elongation of the thoracic cage following extrapleural osteotomy. p. 23.
- Dachov, I. P., Mironov, D. V. - Methods of resection of the region for cancer. p. 27.
- Tshelva, L. P. - Late results of extensive and combined resection of the stomach for cancer. p. 31.
- Maslov, V. L. - Restoration of the functions of the organs following acute cardiac arrest. p. 33.
- Toropov, N. D. - Surgical treatment of goiter and thyrotoxicosis. p. 37.
- Belan, M. M., Popov, A. A. - Late results of nephrectomy based on dispensary data. p. 40.
- Daplik, K. K., Kaleda, I. B. - Subcutaneous lesions of the kidneys. p. 43.
- Belashina, E. P. - Cervical surgery. p. 45.
- Kudakov, G. G. - Diseases simulating "acute abdomen" (Schwartz-Barnet disease). p. 46.
- Mignashvili, K. B., Rozenshtein, A. G. - Diagnostic errors. p. 61.
- Khorik, E. B. - Concerning M. V. Kholodov's article "Causes and frequency of emphysema and bronchial fistulas following lung surgery." p. 63.
- Chikotina, G. M. - Accessory cystic lung. p. 66.
- Myak, G. D. - Closure of pulmonary wounds with Bregman's garland suture. p. 68.
- Gorbenko, A. I. - Arteriovenous aneurysm of the right thyroid vessels complicating sternotomy. p. 68.
- Vashuk, A. K. - Rakimov's lymphoid struma. p. 68.
- Khoanov, D. G., Sholina, I. - Longitudinal sternotomy in intrathoracic goiter. p. 69.
- Budachin, P. A., Zakharovskiy, V. V. - Outflow changes of the accessory thyroid glands. p. 69.
- Popov, M. M. - Complications in the conservative treatment of the Parvill-Hirschsprung's disease. p. 69.
- Sushko, L. I., Koshch, M. L. - Sussner's microsurgery in the treatment of Parvill-Hirschsprung's disease. p. 69.
- Trifonov, M. B. - Acute pancreatitis in the 8th month of pregnancy. p. 69.
- Krasnov, A. I. - Repeated operation on a single kidney. p. 69.
- Mitroshin, D. S. - Treatment of tuberculous of the primary bladder. p. 69.
- Oshchuk, V. I. - Prophylactic vasectomy in tuberculous of the male genitalia. p. 69.
- Kutsevskiy, I. A. - Fistula in eczema of the lower viscera. p. 69.
- Vaschuk, V. I. - Surgical treatment of tuberculous apyemia. p. 70.
- Gavrilov, G. A. - A perineal wound penetrating into the peritoneal cavity. p. 71.

Mintre, D. A. - Two-stage rupture of the spleen. p. 72.

- Mazurevskiy, M. G., Kravtsov, A. L. - Precoarctal diverticula of the stomach. p. 74.
- Dezitskiy, B. I., Khachaturian, L. I. - A page from the history of thoracic surgery. p. 76.
- Oasyk, S. M. - History of the development of surgical service in Kalush and Votavov Districts, Irkutsk-Frankovsk Province (1875-1948). p. 78.
- (DNLd)

No. 5(237) May 1963.

Table of contents translated

- Arutunov, A. I. - Surgical treatment of ectinococcosis of the central nervous system. p. 3.
- Turovets, I. G., Mikhaylovskiy, M. D. - General problems of surgical infection. p. 10.
- Vol'novskiy, V. D. - Mycosis in paraneoplastic diseases of the abdominal cavity. p. 17.
- Akhmedov, A. G. - Clinical significance of erythrocyte sedimentation reaction in acute paraneoplastic infection and sepsis. p. 20.
- Korotkova, A. F. - Deo- and colostomy; experimental study. p. 23.
- Shafarev, R. V. - Clinical aspects and treatment of subhyoid goiter and thyrotoxicosis with lymphoid infiltration. p. 30.
- Udov, V. M. - Use of radioactive iodine in surgery of subhyoid goiter. p. 36.
- Antsev, A. M., Baryshnikov, A. L. - Indications to the Moore-Oppenheimsotomy. p. 38.
- Kaplanov, I. A. G. - Surgical approach to the spleen and common surface of the liver. p. 40.
- Mironov, A. P. - Tumors of the small intestine. p. 42.
- Murzin, K. A., and others. - Our experiences in the surgical treatment of elderly and senile patients. p. 45.
- Sorochin, G. A. - Errors in the diagnosis of cancer of the appendix and appendicitis. p. 48.
- Beas, M. M. - Foreign bodies left in the abdominal cavity during operations. p. 54.
- Robinson, D. L. - Experience in intraperitoneal oxygen administration in the treatment of acute paraneoplastic. p. 57.
- Belitskiy, V. L. - Effect of antibiotics and antiseptics on the associations of microorganisms in purpurothymia. p. 64.
- Tretitskiy, A. A. - Methods of plastic surgery for closing pararectal fistulas. p. 69.
- Sokolovskiy, R. F. - Case of retroperitoneal traumatic hematomas, complicated by a paravascular abscess. p. 69.
- Baryshnikov, A. D. - Multiple lesions of abdominal organs in neurofibromatosis (Recklinghausen's disease). p. 69.
- Orlovskiy, M. V. - Rare case of Recklinghausen's disease. p. 69.
- Babov, A. A. - Use of capron tissue in resection of the liver for ectinococcosis. p. 69.
- Fel'dman, E. A. - Fractional anesthesia in lumbosacral radiculitis. p. 69.
- Khetov, V. M. - Pulmonary cancer in Crimean Province. p. 69.
- Gorbunov, G. F. - Leiomyosarcoma of the small intestine. p. 69.
- Soria, V. M., Porokovskiy, V. S. - Case of phlegmon of the small intestine. p. 69.
- Khelishvili, A. M. - Two cases of lymphadenoma of the mesentery of the small intestine. p. 69.
- Vaprtov, M. M. - Case of radical osteosarcoma of the small intestine. p. 71.
- Mironovskiy, M. K. - Causes of late hospitalization in acute appendicitis. p. 71.
- Kofe, M. S. - Syringe-type vacuum syringe with triple control. p. 74.
- Abramov, I. A. - Nephroscopy. p. 76.
- (DNLd)

No. 6(238), Aug. 1963.

Table of contents translated

- Pedrov, L. I. - Percutaneous feeding. p. 3.
- Mironov, V. G. - Prevention of postoperative thromboses and embolisms. p. 13.
- Krashev, F. A. - Prevention of postoperative thrombophlebitis. p. 17.
- Kovalenko, V. R. - Surgical treatment of acute suppurative thrombophlebitis. p. 21.
- Komarovskiy, I. I. - Peptic ulcer of a transplant of the small intestine as a complication following jejunojejunostomy. p. 24.
- Polishov, M. G. - Classification of pyloroduodenal stenosis of ulcerous etiology. p. 31.
- Urbichin, A. P. - Clinical use of sodium bromide in acute intestinal obstruction. p. 37.
- Muzrik, M. F. - Causes of lethality in acute intestinal obstruction. p. 43.
- Makarskiy, I. A. - Use of paper chromatography for the study of amino acid composition of the blood plasma in acute intestinal obstruction. p. 44.
- Krasovskiy, E. P., Titovskiy, I. V. - Selection of a method of anesthesia in surgical treatment of acute intestinal obstruction. p. 46.

- Gologorskiy, V. A. - Several complications of combined anesthesia. p. 52.
- Lukich, V. L., Krivonozhko, M. A., Krivonozhko, S. A. - Intravenous biliary anesthesia. p. 56.
- Fedorov, B. A. - Some regularities in the timing of and discharge of ether during anesthesia. p. 58.
- Borisov, V. G. - Use of muscle relaxants during acute anesthesia. p. 64.
- Shoshin, L. I. - Alkylates in abdominal surgery. p. 64.
- Pokid'ko, L. A. - Modification of Murphy's sign in hernias. p. 70.
- Tikhonov, D. M. - Experience in surgical treatment of biliary hernias. p. 73.
- Gorshik, M. M. - Surgical anatomy of the liver. p. 75.
- Milashchuk, R. V. - Case of a circular stenosis of the duodenojejunal anastomosis following partial resection, using a small-intestine (jejunum) p. 82.
- Radov, I. B. - Analysis of lethality in acute intestinal obstruction. p. 88.
- Mikhovskiy, A. D. - Hypnotic sleep in surgical operations in the pre- and postoperative periods. p. 88.
- Gansburg, A. M. - Nikolai Ivanovich Pirogov's views of the doctrine of wound healing. p. 90.
- (DNLd)

No. 1(239), Jan. 1964.

Table of contents translated

- Aleksandr Ivanovich Arutunov (on his 60th birthday). p. 3.
- Mikhaylovskiy, V. B. - Surgical treatment of acute gastritis. p. 5.
- Kozmina, I. A., Danilevskiy, O. B., Krasnaya, E. A. - Significance of cerebral angiography in the diagnosis of tumors in the sella turcica. p. 11.
- Pytl, A. I. A., Dzhavad-Kade, M. D. - Clinical and clinical aspects and treatment of hepatic cancer. p. 16.
- Trifonov, M. L. - Clinical significance of the use of also test in compound in examination of the functional state of the kidneys in pyelonephritis. p. 22.
- Fil'ov, I. B. - Small ectinococcosis. p. 33.
- Kozlovskiy, I. A. - Alkylates in abdominal surgery. p. 34.
- Kalovskiy, S. P., Shchekina, M. V. - Study of the clinical and laboratory data on the diagnosis of cancer. p. 38.
- Mikhovskiy, A. D. - Method of radiative treatment of angiosarcoma of the integuments and lymphatic system. p. 42.
- Oshchuk, I. B. - Diagnosis and treatment of cancer of the appendix. p. 44.
- Rebachev, A. K., Dzhuravskiy, A. P. - The treatment of imperfect osteogenesis. p. 48.
- Golub, F. M., Irtun, A. L. - Contribution to the study in radiation sickness. p. 49.
- Makarov, A. G. - Fractures of the cervical bones. p. 47.
- Sokol, G. M. - Experience in the treatment of fractures of the mandibular bones. p. 47.
- Mikhovskiy, L. I. - Muscular contractures and brachial plexus. p. 52.
- Bogdanov, M. F. - Diagnosis and treatment of leishmaniasis. p. 54.
- Kotikova, V. L. - Work capacity of pregnant women. p. 54.
- Shchukin, B. A., Resnik, B. M. - Multiple fractures following surgery on the urogenital system. p. 59.
- Macharet, B. L. - Data from a study of acute myocardial infarction of the aorta. p. 60.
- Kovalova, E. A., Arbusova, D. M. - Clinical significance of electrophoretic analysis of blood serum proteins fractions in acute myocardial infarction. p. 60.
- Pokrovskiy, S. A., Petrova, I. B. - Krasovskiy and difficulties in the diagnosis of cancer of the pancreas and pancreas. p. 72.
- Neckopord, V. M. - Error in the diagnosis of isolated intraperitoneal rupture of the urinary bladder. p. 77.
- Karavayev, A. G., Volchek, I. V. - Two cases of primary sarcoma of the lung and pleura. p. 77.
- Zakharovskiy, T. I. - Case of primary sarcoma of the pleura. p. 80.
- Vilenskoy, S. A., Tikhonov, V. M. - The treatment of the lung. p. 83.
- Rozovskiy, M. S. - Association of a gland carcinoma, anal fragment in the peritoneal space and acute intestinal obstruction. p. 84.
- Mironov, M. A. - Device for the ligation and removal of an organ being ligated from the surrounding tissues, and a method of performing a double parallel ligature. p. 86.
- Bukin, A. S. - Case reports on foreign bodies in the organs of the abdominal cavity. p. 89.
- Vasilovskiy, I. I. - Foreign bodies in the gastrointestinal tract. p. 89.
- Papadakis, A. L. - Pharyngeal cancer of the upper epiglottic part of the tongue. p. 89.
- Bil'vich, L. T. - Anesthesia of the bone marrow of the iliac wing bones. p. 89.

Shrynalk, G. D. - Control of gitter in Transcarpathia. p. 94. (DNLIM)

No. 3 (257), Mar. 1964.

Table of contents translated:
Dobelski, B. I. A. - Principles of operative techniques in surgery on children. p. 5.
Shernack, A. R., Petrus, M. M., Dol'nitski, O. V. - Use of oxygen in free dermal grafts. p. 11.
Dol'nitski, O. V., Chernysheva, L. V. - Lymphatic vessels of the skin and subcutaneous tissues of Plaval's graft. p. 13.
Korov, A. F. - Surgical treatment of myelocoele. p. 19.
Cheski, A. L. - Treatment of septicopyemia forms of acute hematogenous osteomyelitis in children. p. 23.
Vengurovskii, I. S. - Rosignol's characteristics of hematogenous osteomyelitis in children. p. 27.
Roi, V. P. - Early postoperative adhesive intestinal obstruction in children. p. 30.
Goshko, L. I., Kishchik, M. L. - Experience in peritoneal Doherty's operation in a case of Favalii-Hirschsprung's disease in children. p. 34.
Klimonetski, V. A., Malinina, L. I. - Bleeding of vena porta in children with portal hypertension. p. 38.
Bersina, A., Gonen, I. A. K. - Problem of surgical treatment of empyema of the pleural cavity in children. p. 41.
Masala, B. G., Kravchenko, E. P. - Surgical treatment of chronic multiple pulmonary abscesses in children. p. 45.
Khironov, A. D., Khodorovskii, A. L. - Intra-arterial blood infusion in severe shock and terminal states in children and adolescents. p. 51.
Dylov, I. M. - Diagnosis of the nephroblastoma in children. p. 55.
Shina'ko, L. V. - Malignant tumors of the prostate in children. p. 59.
Chang, A. L. - Comparative evaluation of the methods of treating fractures of the lower third of the humerus in children. p. 63.
Klimarova, E. M. - Unusual effect of local anesthesia in different age periods. p. 66.
Frankov, R. B. - Use of fluorine for anesthesia in operations in early childhood. p. 71.
Aleksiev, P. P. - Problem of the shockoid syndrome. p. 74.
Voronts, A. G., Kalchenko, K. L. - Myelocoeles in children. p. 77.
Chigiliev, A. Z. - Treatment of myelocoeles in children. p. 78.
Shapiro, G. D. - Selection of method of esophageal bougienage in oesophageal stenosis in children. p. 79.
Kvartskhvi, E. M., Thachenko, K. G. - Application of endotracheal ether anesthesia in brain malformations. p. 80.
Burnas, O. A. - Wound of the small intestine caused by Meckel's diverticulum in a newborn. p. 81.
Gul'chinskii, V. M. - Case of acute appendicitis and necrosis in a child. p. 82.
Silkova, V. I. - Large teratoma of the sacrococcygeal region in a newborn. p. 83.
Kakish, A. M., Iakovlev, I. I. - Removal of foreign bodies from the esophagus. p. 84. (DNLIM)

No. 4 (258), Apr. 1964.

Table of contents translated:
Lys, P. V. - Problems of fibrosclerosis in malignant neoplasms. p. 3.
Kadoshchuk, T. A., Kocharecho, A. E. - DWI'olibus in the diagnosis of localized lymphogranulomatosis of the gastrointestinal tract. p. 8.
Kybina, M. A., Korolov, L. V. - Desmoids and inflammatory tumors of the anterior abdominal wall. p. 13.
Orchinskii, A. V. - Pseudotumors of organs of the abdominal cavity. p. 16.
Utrata, I. A. - Clinicomorphological characteristics of cancer of the thyroid gland. p. 20.
Vilka, V. I. - Change in the hepatic tissue in obstructive jaundice. p. 24.
Tronta, M. A. - Surgical treatment of nonspecific ulcerative colitis. p. 30.
Shchepko, M. V. - Simple ulcer of the small intestine. p. 36.
Karlukin, A. M. - Perforation of nonspecific ulcers of the small intestine. p. 38.
Artenakha, M. I. - Thromboembolic and apastic lesions of the intestine. p. 41.
Mikhail'son, V. A., and others. - Clinical use of muscle relaxants in patients with tracheostomy and sublethemia. p. 44.
Onkyshek, A. I., and others. - Steroid hormones. p. 48.
Ivakov, V. I., Kuznetsov, D. I. - Anesthesia in patients with severe trauma. p. 53.
Mikheenko, M. S. - Foreign bodies in the gastrointestinal tract. p. 55.

Khafkin, I. A. B. - Protection of the vena cava superior. p. 57.
Lampol'di, V. L., Kuznetsov, M. V. - Intervascular access through the Cystic-fistula-Lambert's triangle in the removal of nephroliths. p. 60.
Fedorenko, P. M. - Some modification and late results of nephropexy by peritoneum. p. 62.
Kaledin, I. S. - Experience in the treatment of nephrolithiasis. p. 64.
Bulyuk, L. L. - Rare congenital anomaly - duplication of a part of the small intestine. p. 67.
Miyak, V. P. - Tracheostomy in acute postoperative respiratory insufficiency. p. 69.
Valchovskii, A. I. - Resection of a patient following rupture of a heart wound. p. 70.
Matsushin, I. M. - Methodology of removal of large "tumors" of the anterior abdominal wall. p. 71.
Marsheva, O. A., Ruzsiev, E. V. - Pseudocystoma of the peritoneum emerging from cysts of the vermiform process. p. 73.
Orlsberg, I. K. - Carcinoma lymphangioma of the mesoepistomium. p. 75.
Rabotnikova, V. P. - Leiomyoma of the small intestine. p. 78.
Belyakov, R. B. - Fibrosarcoma of the transverse colon. p. 79.
Filipov, P. L., Khafkin, I. A. T. - Caprolith stimulating a tumor of the large intestine mesorectum. p. 80.
Pavlov, V. I., Adamenko, M. M. - Two observations of lymphangioma of the small intestine mesorectum. p. 81.
Popov, M. K., Gribanov, E. P. - Multiple sarcoma of the small intestine. p. 82.
Bukhtarov, V. A. - Hemangioendothelioma of the small intestine. p. 83.
Dzheparov, V. I. - Fibroepithelioma of the sigmoid. p. 85.
Kakolovskii, M. D. - Experience in the prophylaxis of cancer of the lower lip. p. 86.
Taranenko, O. M. - Coaxial metastases of cancer of the esophagus. p. 87.
Dol'senko, A. P. - Surgical treatment of metastatic cancer of the lung. p. 89.
Yakov-Babichov, O. P. - Irradiation of the vermiform process into the lumen of the cecum. p. 90.
Mazurik, B. V. - Cases of multiple metastasis of bones. p. 91.
Pashkovskii, V. P. - Anesthesia of Zakharko-Deed some in nephroreticular colitis. p. 92. (DNLIM)

No. 5 (259), May 1964.

Table of contents translated:
Dol'senko, I. A., and others. - Clinical aspects and surgical treatment of chronic nonspecific inflammatory pulmonary diseases. p. 1.
Lidov, B. L., Kotlovich, L. M. - Radical surgical treatment of atypical bronchogenic carcinomas of the lungs in children. p. 10.
Doplat, A. M., Pivovlik, D. T. - Hemorrhage and blood transfusion during radical operations on the lungs. p. 18.
Sol'ov'ov, R. M. - State of the bronchial arteries in experimental solitary ligations of vessels and bronchi of the lung. p. 18.
Shchepko, L. M., Makarski, L. S. - Mechanisms of acute respiratory insufficiency following operation on the heart. p. 22.
Aleksis, O. K. - Evaluation of some surgical accesses in operations on the "dry" heart. p. 25.
Dzheparov, M. V. - Late results of nitral coarctation surgery. p. 34.
Prokhorovskii, V. I. - Transcatheter aortic and arteriography. p. 40.
Rabotnikov, G. B., Krol, I. A. M. - Rosignol's observations during the immediate postoperative period of surgical interventions on organs of the chest. p. 48.
Bapayev, E. A., Orlovskii, S. V., Zelenova, M. A. - Esophagoscopy in tumors of the esophagus in children. p. 64.
Paisov, G. I. - Cases of the "painless disease." p. 64.
Vengurovskii, A. R. - Late sequelae of frostbite trauma of the extremities. p. 64.
Shchepko, D. F., and others. - Our experience in anesthesia in operations for thyrotoxicosis. p. 65.
Ogil, P. E., Likhin, A. M. - Thyrotoxic crisis and methods of its elimination. p. 66.
Tronta, M. A. - Fifty one cases of Hashimoto's disease. p. 67.
Ponomarev, L. E. - Diagnosis of Hashimoto's disease. p. 69.
Lutsenko, G. E. - Thyrotoxicosis in elderly patients. p. 72.
Polshov, M. G. - Morphological changes in the gastric wall in stenosis of the pylorodendral region of duodenal origin. p. 83.
Volskoi, I. A. M., Kravtsovskii, I. A. V. - Errors and hazards in surgical treatment of thyrotoxicosis. p. 83.
Zakharov, K. M., Mazurevskii, M. G. - Single stage closed echinococcoscopy in bilateral lesion of the lungs. p. 85.

Lavren, E. L. - Associated lesions of the lungs and liver by echinococcosis. p. 89.
Mitriskov, M. F. - Broncholith as a cause of pulmonary hemorrhage. p. 91.
Baltis, J. V. - Association of cyst of the parathyroid gland and diffuse thyrotoxic goiter. p. 92.
Savov, V. M. - Absorption of radioactive iodine by the thyroid gland and the protein formula of the blood serum as a criterion of the severity of the clinical aspects of thyrotoxicosis. p. 93.
Krishtof, A. M., Mikhlin, L. V. - Plastic surgery on large arterial vessels. p. 94. (DNLIM)

No. 6 (260), June 1964.

Table of contents translated:
Aleksenko, V. E. - Relativ isolation of the arterial blood supply of the right and left half of the liver. p. 2.
Makarov, A. V., Goe, I. A. V., Rosnald, L. G. - Use of percutaneous cholangiography in mechanical jaundice. p. 8.
Topol'skiy, K. A. - Parotidectomy (transhepatic cholangiography). p. 13.
Shapka, V. E. - Intermediary sternomediastinotomy as an approach for operation on the liver. p. 17.
Makolov, M. S. - Surgical treatment of septic cholangitis. p. 24.
Polshov, L. V., Kotelevskii, S. S. - Comparative evaluation of immediate and late results of conservative and surgical treatment of patients with cholecystitis. p. 24.
Abaev, I. T. - Treatment of acute pancreatitis with enzyme inhibitors. p. 28.
Drozdil'ski, E. D. - Changes of serum proteins in pancreatic necrosis. p. 34.
Korvin, M. L. - Experience in conservative treatment of acute pancreatitis. p. 40.
Chapitskii, V. V. - Paper chromatography in the study of the amino acid composition of the blood serum in patients with pancreatitis. p. 42.
Vasileva, M. M., Galshtan, A. A., Chernomov, A. F. - Surgical treatment of pancreatic cysts. p. 48.
Bavich, D. T. - Pathogenesis of postoperative thrombosis; thromboprophylaxis in the postoperative period. p. 51.
Krishtof, M. L., Kholeva, M. V. - Pathological changes in the upper respiratory tract related to intubation. p. 52.
Golomazov, M. F. - Preparation of patients with prolonged suppurative pulmonary processes to radical operations. p. 53.
Futshin, A. V. - Histomorphological and some functional changes in the liver in acute diffuse sublobular peritonitis; experimental study. p. 58.
Krivchenko, E. P., Shchepko, M. S. - Traumatic complication in intubation. p. 71.
Veller, D. G. - Some complications in tracheostomy. p. 73.
Makarov, V. P. - Five cases of cysticoduodenostomy. p. 76.
Vul'khovskii, I. R., Vul'khovskii, V. P. - Two cases of compression of the gallbladder duct by the vertical artery. p. 77.
Shchepko, A. G. - Hemangioma of the liver and their treatment. p. 78.
Kavayev, G. G. - Operative transillumination of the duodenum for determining the permeability of Vater's papilla. p. 79.
Kavayev, A. G. - Two cases of pancreatic adenoma. p. 80.
Rogal', P. D. - Techniques of closure of a complete pancreas fistula following pancreatoduodenal resection. p. 83.
Mikhailovich, B. L. - Closure of a defect of the anterior abdominal wall by a peritoneal flap of the femoral foramen lata. p. 84.
Fed'ko, B. V., Rodenko, R. M. - Perforation of peptic esophageal ulcer into the left pleural cavity. p. 84.
Borovyi, E. M. - Intrathoracic goiter with the crush syndrome of the vena cava superior. p. 84.
Balt'skiy, E. G. - Giant solitary cyst of the right kidney. p. 84.
Mikhlin, L. A. - Clamp-funnel for blood vessels and peripheral nerves. p. 85. (DNLIM)

VISTNIK KHIRURGII [REVIEW OF SURGERY], issued by Khirurgicheskoe obshchestvo Pirogova (Pirogov Surgical Society), Leningrad, vol. 102, no. 7, July 1964.

Table of contents translated:
On the 50th anniversary of Soviet public health services. p. 2.
Pavlov, R. M. - V. I. Lenin and Soviet public health. p. 8.
Grigorovich, K. A. - Diagnosis of oncosalgia. p. 13.
Filla, V. I. - Presacral segmental plastic surgery of the thoracic portion of the esophagus in cancer. p. 18.
Zolotov, L. V., P'lin, V. E. - Immediate and late results of nitral coarctation in various methods of dilation of the nitral foramen. p. 24.
Tashchuk, I. I., Bapayev, D. M., Kuptsov, K. M. - Surgical treatment of esophageal cysts of the pericardium. p. 27.

- Quinnell, F. M., Markovitch, A. G. - Effect of fertil

2. GENERAL

- Kul'cheva, V. A., Markovskii, A. G. - Forecasting the watering periods of cereals by the rate of the suction force of the leaves. p. 132.
- Maslanova, M. I., Markovskii, A. G. - Effect of fertilizers on the yield of millet. p. 136.
- Petrov, E. G., Markovskii, A. G. - Fertilizers as a factor in the increase of leaf area and yield of corn. p. 141.
- Prokhorov, V. I., Steyer, I. D. - Effect of Kaulit phosphate meal and Syranol powdered superphosphate on the yield of agricultural crops. p. 145.
- Trifonov, A. - Rational usage of nitrogenous fertilizers on spring crops. p. 150.
- Sergeeva, G. - Effect of trace elements on the growth, development, and yield of corn. p. 154.
- Romakova, T. - Effect of the prewinter application of granulated superphosphate and phosphorobacterin on the yield and quality of hard spring wheat. p. 158.
- Maslova, R. - Effect of fertilizers on the photosynthetic activity of corn. p. 163.
- Sasunova, T. - Effect of nitrate on the yield and nitrogen nutrition of leguminous crops. p. 164.
- Isaakova, E. A. - Effect of ammonium sulfate, prepared from the wastes from the Novokosyubinsk Petroleum Processing Plant, on the soil microflora. p. 173.
- Antonov, K. - Sowing corn with soybeans with the use of a special device on the tractor sower. p. 176.
- Chernikov, V. - Effect of the method of sowing on the yield of seed of fodder beans. p. 179.
- Kolbasov, V. - Technological factors affecting the coordination-kinematic precision of repaired shafts. p. 184.
- Theravskii, I. U. D., Sasunov, V. I. - Effect of the raising conditions of the parent plant on the harvest qualities of the seed. p. 191.
- Gorlants, L. - Characteristics of the fine and coarse wooled crosses of sheep on the Kolkhoz method after the 20th Congress of the CPSU, Belshchinskii District and ways to improve it. p. 194.
- Markov, V. - Technology of nonstationary maintenance of milk cows with milking by the "Karusel" milking machine. p. 201.
- Seliverstov, V. - Organization of combined maintenance of lactating cows with milking pigs on the "Tobolsk" Kolkhoz in Maykop District. p. 208.
- Terekhina, E. - Chemical composition of milk coming into the Kisel' city dairy. p. 210.
- Misurenko, M. - Study of the microflora contamination of the milk on the "Karnaukova" Sovkhoz and at the Kisel' city dairy. p. 218.
- Karavina, P. - Comparative evaluation of some methods of pregnancy diagnosis. p. 227 (UKRAINE).
- MEKSIDUMABOONYI BEL'KOKHOZIAFTVENNOYI KHURMAL [INTERNATIONAL AGRICULTURAL JOURNAL].** Issued by Postsovnetskaya komissia po sel'skoiu khozaistvu Sovetskoi ekonomicheskoi vostochnoi oblasti [Permanent Committee on Agriculture of the Council for Mutual Economic Assistance]. Moscow, vol. 12, no. 5, 1968.
- MOSKOVSKAYA BEL'KOKHOZIAFTVENNOYI AKADEMIYA IM. TIMIRIAZEVA, DOKLADY [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW, Reports].** No. 124, 1967. Agrochemistry, plant physiology soil science.
- Table of contents translated:
- Paev, M. P., Kokorin, M. I. - (Method features of Solonchaks and Solonchaks-type soils of the Pavlovsk portion of the Irtysh Valley. p. 5.
- Parshin, M. N., Zolotareva, B. M. - Basic morphological and genetic features of the dark Chernozem soils of the Kazakh steppe (within the limits of Karaganda Province). p. 12.
- Tashiro, F. E. M. - Features of soil formation on the territory of the Volgograd Production-Experiment Forest Reclamation Station. p. 21.
- Parshin, M. M., I. I., P. V. - Characterization of the cycle of ash elements in the soils of the Northern Caspian Sea region. p. 27.
- Kavtchik, I. R., Kishinev, V. S. - Aspects of the availability of iron in sandy soil-Podsol and sandy loam soils. p. 33.
- Podolny, M. M., Kirishchik, E. P., Krivolapova, V. P. - Changes in the group content of humus and phosphates of the common Chernozems of Stavropol Province in connection with their agricultural usage. p. 41.
- Pechevskaya, S. I., Podolny, M. M. - Group composition of the humus of the soils of the Moscow River floodplains. p. 47.
- Gromyko, I. D., Kiselev, E. V., Kiselev, A. V. - Mineralogical content of the silt fraction of the Chernozems and Solonchaks of North Kazakhstan. p. 53.
- Aleshin, S. M., Kuznetsov, A. V. - Transformation of radon in meadow soils. p. 61.
- Aleshin, S. M., Kuznetsov, A. V. - Transformation of feldspar into layered clay minerals. p. 67.
- Barich, V. I. - Aspects of the contents of iron in the freeze-thaw soils of Magadan Province. p. 72.
- Barich, V. I. - Buffer action of the freeze-thaw and soddy old floodplain soils of Magadan Province. p. 78.
- Shishova, V. A., Dodolova, V. T. - Effect of industrial waste water on the iron accumulation horizons of the soil of northeastern Mordovia. p. 88.
- Zolotareva, B. M. - Physico-geographical conditions of soil formation in the Kazakh steppe (within the limits of Karaganda Province). p. 94.
- Peterburgskii, A. V. - Aspects of nitrogen balance in agriculture. p. 101.
- Melishova, G. L., Bychev, I. U. P. - Effect of the level of nitrogen, phosphate, and potassium nutrition on the effectiveness of boron and molybdenum. p. 107.
- Rashelevskaya, M. V., Iudin, V. A. - Effectiveness of the use of open heart farmers slugs in combination with whole mineral fertilizers. p. 113.
- Smirnov, P. A., Vaiduk-Volchovskii, D. - Use of NPS for the study of the influence of applications of nitrogenous fertilizers and their assimilation by plants. p. 118.
- Shchuk, S. K. - Effect of the correlation of calcium and potassium on the development of plants depending on the action composition of the medium. p. 127.
- Kukova, M. M., Arsenova, L. M. - Interrelationships of nitrogen and phosphorus nutrition in leguminous plants. p. 133.
- Lykov, A. M. - Some data on the properties of a soil solution in long term usage of fertilizers, crop rotation, and single crop systems. p. 139.
- Kamyshina, L. M., Piskunovskii, A. V. - Effect of trace element fertilizers on the content of manganese, copper, cobalt, and molybdenum in the pea. p. 145.
- Gromyko, O. I. - Effect of illumination on the absorption of calcium, potassium, and magnesium by the sunflower. p. 151.
- Kalinina, Kh. K., Bagayev, V. R. - Effect of propionate on the content of phosphorus compounds in plants resistant and sensitive to its action. p. 157.
- Bagayev, V. R., Kalinina, Kh. K. - Effect of different doses of complete mineral fertilizers on the sensitivity of the carrot to propionate. p. 163.
- Bagayeva, S. R. - Method of evaluating the usage of mineral fertilizers on potatoes. p. 168.
- Dalkova, Z. E. - Extraction of boron from soils. p. 177.
- Shchuk, Z. T. S., Moskhov, D. P. - Change in the activity of amylase in ripening and germinating rice seeds. p. 188.
- Kellerman, V. R., Markova, L. L., Agabekova, K. G. - Respiratory activity of bean tubercles. p. 191.
- Trishchak, B. P., Romanova, E. G. - Some results of a study of isolated potato tubercles. p. 197.
- Trifonov, O. V., Oskova, M. I. - Effect of potassium on the content of carbohydrates and nitrogen in the pea. p. 203.
- Kiselev, V. T., Prokhorov, Z. S. - Anaerobic microflora of the vertical soil of the Trans-Ili Alatau (western Tianshan). p. 211.
- Pervozvanna, G. I., Zolotareva, B. M. - Fermentation processes in silage made from sugar beet leaves with nitrogenous additives. p. 217.
- Kiselev, V. T., Ogorodnikov, M. I. - Distribution of butyric and acetone butyl bacteria in the Red soils of Georgia. p. 223.
- Mysina, G. M. - Use of some aliphatic compounds by cultures of *Pseudomonas* sp. (strain 11). p. 229.
- Kolpakov, V. V. - Hydrological and ameliorational qualities of the soils and earths of the irrigated lands of the steppe zone of the USSR. p. 233.
- Lashin, I. A., Chirakov, M. V., Lashin, V. I. - Study of the effect of granulation in the process of transfer of labeled water in porous media. p. 243.
- Kirichenko, P. D. - Effect of soil moisture on the development of wind erosion. p. 244.
- Aleshin, S. M., Kokorin, M. I. - Qualitative characteristics of soil swelling ability. p. 257.
- Mestrov, V. G., Lazarevskii, E. Kh. - Models of future forests at the experimental and demonstration forestry farm "Ruskiy Les". p. 263.
- Mestrov, V. G., and others. - Biological mass of coniferous timber species. p. 271.
- Zhivitskii, I. M. - Types of forests in the Brydovsk (Range of the Carpathian Mountains). p. 273.
- Korobova, R. A. - Changes on the weight of the crown in connection with changes in the vertical position of trees in a stand. p. 283.
- Zhivitskii, Z. M. - Distribution of larch in the Ukrainian Carpathians. p. 287.
- Mestrov, V. G., Bobylev, B. M. - Volumetric method of determination of the weight of the leaf mass of a stand. p. 293.
- Volychevskiy, V. G. - Dendroclimatic study of larch in oak at the forestry experiment. Forest tract of the Tsimryasv Agricultural Academy. p. 297.
- Krokov, M. G. - Conclusions of the forestry experiment. Forest tract of the Tsimryasv Agricultural Academy. p. 305.
- Timofeeva, M. E. - Optimum distribution of tree species according to natural conditions on the Orskovo-Zayavo Forestry Farm. p. 313.
- Andreeva, Z. F., Timofeeva, L. P. - Kinetics of the formation of a molybdenum thiochrome complex. p. 319.
- Gerasimov, I. I., and others. - A new method of synthesis of biogenic amines of the isobutyl series. p. 323.
- Aleshin, S. M., Ogorodnikov, V. I. - Regularities in the surface tension of aqueous solutions of some toxic chemicals and herbicides. p. 331.
- Felov, G. V., Lashin, I. A. - Improvement of the pickup unit of a liquid-sedimentation radioometer with a flow device. p. 337.
- Zhukova, L. A. - Study of the heterogeneous distribution of microquantities of zinc ions during the precipitation of calcium silicate. p. 341.
- Zhukova, L. A. - Effect of complex formation on the coprecipitation of microquantities of zinc ions during the precipitation of calcium silicate. p. 347.
- Chukova, K. D. - Study of the kinetics of sorption and the durability of bonding calcium and strontium by soil with the aid of radioactive indicators. p. 351.
- MOSCOW, VSESOUKHNII INSTITUT NAUCHNO-TEKHNIKOINFORMATSI PO SEL'KHOZU KHOSIAI-STVU, Khimpre-Informatsia, Seriya Sel'skoko-hoziaistvennaya nauka i praktika [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION ON AGRICULTURE, Khimpre-Informatsia, Series: Agricultural Science and Practice].** nos. 10, 11, July-Sep. 1968.
- NOVOM V ZHEZNI, NAUKA, TEKHNIKA, Seriya "Nal'shnoe khozaistvo" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY "Agriculture" Series].** Moscow, nos. 10-11, 1968.
- POKHON, Leningradskii BEL'KOKHOZIAFTVENNOYI INSTITUT, Zapiski [LENGINGRAD AGRICULTURAL INSTITUTE, Annals].** Leningrad, vol. 108, 1968. Mechanization and electrification of agriculture; mechanization and automation of agricultural production.
- Table of contents translated:
- Larva, A. D., Kiselev, V. G. - Methodology of modeling agricultural units and their regulating systems during occasional starting disturbances. p. 5.
- Kiselev, V. G. - Modeling a tractor-mounted plowing unit according to its transmission function. p. 12.
- Kiselev, S. A., Leman, P. P., Miroshnikov, V. V. - Automatic device for the regulation of grain harvesting combines. p. 17.
- Kiselev, S. A., Miroshnikov, V. V. - Some prerequisites for loading automation of grain harvesting combines. p. 21.
- Larva, A. B., Sergeev, V. I. - Equalization of movement of a cultivator unit in tillage of row-crop plantings. p. 27.
- Reshenov, A. R. - Experimental study of the dynamics of a tractor-mounted sowing unit. p. 33.
- Karlov, V. M., Kiselev, V. G., Kiselev, E. A. - Obtaining of initial information and its processing for the modeling of agricultural units and their regulating systems. p. 41.
- Gromychevskii, A. A. - Experimental study of the system of an automatic hydraulic amplifier of a coupling weight. p. 47.
- Grigor'ev, S. M., and others. - Construction of seed cleaning machines with automatic optimum sieve-work search. p. 54.
- Grigor'ev, S. M., and others. - Research on a friable material flowmeter for systems of automatic control and regulation of the technological processes of seed cleaning machines. p. 64.
- Polovinskii, K. K. - Development of a photoelectric method of square-root sowing, and last results of an experimental sower. p. 74.
- Kiselev, Z. K. - Device for registering the trajectories of railless traction mechanisms. p. 80.
- Lomov, V. V., Gromychevskii, D. I. - Automatic control and regulation of the heat carrier temperature in the RZ-8 grain dryer. p. 83.
- Turbin, D. G., Bychev, V. P. - Analysis of the work of a diametric fan. p. 87.
- Bychev, V. P. - Effect of the number of blades on the work of a diametric fan. p. 107.
- Chalovskiy, V. V., Bychev, V. P. - Effect of the intake guides on the work of a diametric fan. p. 113.
- Pavlov, A. I. - Study of the aerodynamic properties of lower gradings. p. 117.
- Kiselev, E. E. - Theory of double blade setting tools. p. 124.
- Kiselev, E. E., Bychev, V. P. - Determining the parameters of double blade setting tools. p. 133.
- Kiselev, V. G., Kiselevskiy, A. P. - Features of seed and plant distribution in a row with single grain planting. p. 144.
- Kiselevskiy, A. P. - Experimental checking of the evenness of the distribution of seeds and plants in field conditions during roller root crop sowing. p. 151.
- Boldov, M. M. - Study of passive-type working parts in chippers. p. 154.
- Fokanova, A. A. - Analysis of the working process of separation of oat straw. p. 163.
- Shorenko, M. L. - Analytical determination of the parameters of the process of separation. p. 164.
- Vysotskaya, T. P., Domaratkii, P. L., Tashchuk, B. I. - Agrotechnical evaluation of the work of cultivator weeder during tuberous cultivation of row crops. p. 174.
- Andreev, V. R. - Effect of movement speed of a grain sower on the evenness of seed distribution. p. 180.
- Grigor'ev, S. M., Leman, P. P. - Evaluation of the performance of a grain cleaning machine. p. 182.
- Shukrova, Z. A. - Calculation of the sudden widening of the flow by means of a model of the diffuser. p. 184.
- Vol. 106, no. 2, 1967, Hayfields and pastures.
- Table of contents translated:
- Dobryud, G. M. - Experiences in the study of the roots of the tall eye grass plant grown in different soil and climatic conditions. p. 6.
- Makynova, M. P. - Features of the phasic development of some perennial cereal grasses. p. 18.
- Godolovskii, T. R., Kiselev, A. P. - Effectiveness of undersowing red clover on and applying mineral fertilizers to seeded perennial grasses at the experimental field of the Department of Moscow Calhore. p. 28.
- Lapshovich, I. P. - Applying nitrogen to plants on seeded hayfields and pastures in Leningrad Province. p. 38.
- Drozdov, I. P. - Dynamics of the dry mass yield of grass stands of the old-Biala region during the vegetative period. p. 44.

- Odnovskaya, T. R., Kretova, A. P. - Productivity and economic evaluation of fodder cultures raised on the experimental field of the Department of Meadow Culture. p. 47.
- Tikhonova, I. A. - Effect of the dosage and time of alfalfa fertilizer application on the productivity of pastures at the "Ozernost" sovkhos in Leningrad Province. p. 53.
- Kosakova, L. N. - Experience in the creation of cultivar pastures at the "Zhidov" sovkhos, Leningrad Province. p. 57.
- Markovitch, L. B. - Comparison of different methods of using the grasses from cultivated pastures at the "Zelenyi Osk" state farm, Polish People's Republic. p. 63.
- Siplov, V. V. - Aftereffects of sodium trichloroacetate on Kentucky bluegrass sown for seed on the experimental field of the Department of Meadow Culture. p. 65.
- Siplov, V. V. - Susceptibility of Kentucky bluegrass of - powdery mildew and the fruit fly depending on the sort and sowing time while growing it from seed on the experimental field of the Department of Meadow Culture. p. 70.
- Mikheeva, T. M. - Effect of mineral fertilizers on the yield of ley-producing pastures in Pskov Province. p. 73.
- Kaznatch, D. - Dynamics of yielding capacity of the association of fringed meadowgrass and feathergrass in the Mongolian People's Republic. p. 82.

QAZAQSTAN AVTL SHARUAHYLYGY (AGRICULTURE OF KAZAKHSTAN). Alma-Ata, no. 11, Nov. 1968. [In Kazakh]

- REPERATIVNYI KHURNAL POCHVOVEDENIYE I AGROKHIMIYA (Otdel'nyi vypusk 87) (JOURNAL OF AGRICULTURE, SOIL SCIENCE AND AGROCHEMISTRY (Separate Issues 87)). Issued by Institut nauchnoi informatsii Akademii nauk SSSR (Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.). Moscow, no. 10, Oct. 1968.

SEL'SKAYA MOTA (RURAL NEWS). Issued by Ministerstvo sel'skogo khoziaistva SSSR (Ministry of Agriculture of the U.S.S.R.). Kiev, vol. 3, no. 18, Dec. 1968. (DMAL)

SEL'SKIE ZORI (RURAL DAWN). Issued by Ministerstvo sel'skogo khoziaistva SSSR (Ministry of Agriculture of the U.S.S.R.). Krasnodar, vol. 11, no. 12, Dec. 1968; Vol. 12, nos. 1-2, Jan.-Feb. 1969. (DMAL)

SEL'SKII MEKHANIZATOR (THE RURAL MECHANIC). Issued by Ministerstvo sel'skogo khoziaistva SSSR (Ministry of Agriculture of the U.S.S.R.). Moscow, no. 12, Dec. 1968.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA (AGRICULTURE OF KAZAKHSTAN). Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana (Central Committee of the Communist Party of Kazakhstan). Alma-Ata, no. 1, Jan. 1969.

SEL'SKOE KHOZIAISTVO KIRGHIZII (AGRICULTURE OF KIRGHIZIA). Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR (Ministry of Agriculture of the Kirgiz S.S.R.). Frunze, vol. 14, no. 10, Oct. 1968.

SEL'SKOE KHOZIAISTVO MOLDAVII (AGRICULTURE OF MOLDAVIA). Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR (Ministry of Agriculture of the Moldavian S.S.R.). Kishinev, vol. 13, no. 12, Dec. 1968.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA (AGRICULTURE OF TADZHIKISTAN). Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR (Ministry of Agriculture of the Tajik S.S.R.). Dushanbe, vol. 21, nos. 1-2, Jan.-Feb. 1969.

SEL'SKOE KHOZIAISTVO TURKMENISTANA (AGRICULTURE OF TURKMENISTAN). Issued by Ministerstvo sel'skogo khoziaistva Turkmenistanskoi SSR (Ministry of Agriculture of the Turkmen S.S.R.). Ashkhabad, vol. 13, nos. 11-12, Nov.-Dec. 1968.

SEL'SKOE KHOZIAISTVO UZBEKISTANA (AGRICULTURE OF UZBEKISTAN). Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR (Ministry of Agriculture of the Uzbek S.S.R.). Tashkent, nos. 10-12, Oct.-Dec. 1968.

UZBEKISTON QIRILOQ KHIZMALIHI (AGRICULTURE OF UZBEKISTAN). Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR (Ministry of Agriculture of the Uzbek S.S.R.). Tashkent, no. 8, Aug. 1968. [In Uzbek]

VIZNYI SIL'FOSKOPODARITSE MAUKY (REVIEW OF AGRICULTURAL SCIENCE). Issued by Ministerstvo sel'skogo khoziaistva Ukrainskoi SSR (Ministry of Agriculture of the Ukrainian S.S.R.). Kiev, vol. 12, no. 1, Jan. 1969.

L. ANIMAL INDUSTRY

ATLANTICHESKII NAUCHNO-ISLEDOVATELSKII INSTITUT RYBNOGO KHOZIAISTVA I OKEANOGRAFIY (ATLANTIC SCIENTIFIC RESEARCH INSTITUTE OF FISHERIES AND OCEANOGRAPHY). Transactions. Kaliningrad, no. 13, 1967. Oceanological studies in the Atlantic.

- Table of contents translated:
- Lushin, A. I., Bania, I. M., Volynskii, G. I. A. - Relief and bottom sediments of the fishing regions of West Africa off Cap-Horn Cape and Conakry-Freetown. p. 3.
- Lushin, A. I. - Relief and grounds of the fishing region of Taboradi. p. 10.
- Bania, I. M. - Geomorphology of the western shelf of North Africa. p. 12.
- Alakver, V. M. - Statistical evaluation of the small-scale nature, stability and continuity of processes (as exemplified by pressure fields). p. 16.
- Abramov, R. V. - Calculation of basic statistical means of the position and depth of the island atmospheric depressions. p. 37.
- Berilov, R. G. - Seasonal variation of meteorological conditions in the tropical Atlantic in 1963. p. 42.
- Pall, M. F. - Divergence and convergence zones of surface currents in the tropical Atlantic. p. 54.
- Krylov, L. A. - System of hydrodynamic equations describing the current in the equatorial region. p. 62.
- Medved, K. A. - Some data on currents in the equatorial Atlantic. p. 67.
- Kruglov, L. A. - Currents in Conakry and Taboradi regions during fall and winter period. p. 84.
- Kruglov, L. A. - Bottom countercurrents off the shores of Africa south of the equator. p. 102.
- Briksaev, V. A. - Characteristics, distribution and wind drifts of water of the Nova Scotia shelf. p. 104.
- Beasnov, M. M., Azova, M. V. - Some features of water chemistry in the eastern part of the equatorial Atlantic. p. 118.
- Beloborok, V. I. - Some characteristics of water chemistry of the North Atlantic in March-June of 1968. p. 126.
- Beloborok, V. I. - Possible evaluation of dynamic factors causing the change in oxygen content in the layer of the maximum. p. 133.
- Cherny, V. D. - Some remarks on determining the primary plankton production in the equatorial zone of the Atlantic in spring and fall of 1963. p. 138.
- Grozov, L. M. - Composition and distribution of zooplankton in the equatorial part of the Atlantic Ocean in spring of 1963. p. 147.
- Vlasovskaya, L. A. - Composition and distribution of phytoplankton in the equatorial Atlantic in spring of 1963. p. 154.
- Sharov, V. I., Khodova, A. M. - Some data on the occurrence of larvae of scabbard fish (order Paracanthaceae, suborder Scabbardidae) in the open part of the tropical Atlantic. p. 161.
- Berezhnii, D. I. A. - Calculation of coefficients of relationship between the actual water temperature in spawning grounds and spawning time of some herring subspecies of the Pacific and Atlantic Oceans. p. 211.
- Pall, M. F. - Simple method of determining current speeds and ship wear during oceanological explorations. p. 216.

LENDINORAD. OODARITSEVNIYI NAUCHNO-ISLEDOVATELSKII INSTITUT OKEANOLOGIY I RYBNOGO KHOZIAISTVA. IZVESTIYA (STATE SCIENTIFIC RESEARCH INSTITUTE OF OCEANOLOGY AND FISHERIES. BULLETIN). Vol. 63, 1967. Biological principles of artificial reproduction of whitefishes, salmon and sturgeons.

- Table of contents translated:
- In memory of M. I. Tikhonov. p. 3.
- Kashin, A. M. - Gametogenesis and comparative analysis of the development of the reproductive system in Coregonus poled reared in climatically different zones. p. 8.
- Golovkov, G. A., and others. - Coregonus nasus (Pallas) and its future utilization in fish farming. p. 41.
- Korovina, V. M., Lebedeva, L. I., Mikhailova, L. P. - Relationship of the growth and development of Coregonus nasus (Pallas) larvae and the food supply. p. 57.
- Asplava, V. I. - Biology and cultivation of Coregonus lavaretus baicalicus Machevskiy. p. 74.
- Salatch, A. A. - Characteristics of fisheries in lakes of Tyumen Province as related to acclimatization of whitefishes. p. 134.
- Iandovskaya, M. I. - Prolongation of vegetative period in rearing young-of-the-year Atlantic salmon. p. 144.
- Lehterovskii, K. A., Iandovskaya, M. I. - Rearing young-of-the-year salmon on different food mixtures. p. 148.
- Bogdanova, E. V. - Parasites of Salmo gairdneri L., Oncorhynchus keta W. and Oncorhynchus gorbuscha W. in fish farms of the Arctic Circle. p. 172.

- Plakki, F. I. A. - Dynamics of food supply in salmon ponds of the Toms Fish Farm of the Latvian S.S.R. p. 180.
- Plakki, F. I. A. - Feeding habits of Pungitius pungitius L. and its nutritional relation to young Salmo gairdneri L. in ponds of the Toms Fish Farm of the Latvian S.S.R. p. 208.
- Tsvetov, V. E. - Utilization of sturgeon spawners, found in tail waters of Volgograd Dam, for fisheries. p. 208.

MOLOCHNAIA PROMYSHLENNOST' (DAIRY INDUSTRY). Issued by Ministerstvo molokoi i molokodniy proizvodstva SSSR and Tsentral'noye pravleniye Muzhikovskikh obshchestva pishchevogo promyshlennosti (Ministry of the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry). Moscow, vol. 12, no. 12, Dec. 1968.

OKHOTY I OKHOTNICHIE KHOZIAISTVO (HUNTING AND GAME MANAGEMENT). Issued by Ministerstvo sel'skogo khoziaistva SSSR (Ministry of Agriculture of the U.S.S.R.). Moscow, no. 12, 1968; no. 1, 1969.

RYBNOE KHOZIAISTVO (FISHERIES). Organ of Gosudarstvennyi komitet po rybnomu khoziaistvu pri SSSR SSSR (State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.). Moscow, vol. 44, no. 12, Dec. 1968.

- Table of contents translated:
- Barnov, P. G. - Following the glorious path of our fathers. p. 2.
- We kept our word. p. 8.
- Sokolov, O. A. - Principles of changes in the visible contrast in water. p. 7.
- Berman, L. B., Ryzhenko, V. I. - Characteristics of the distribution and biology of Scophthalmus maximus L. p. 10.
- Avedskova, T. M. - Effect of temperature balance of spawning migrations and catches of herring mullus beckeri (Mullus) of the Sea of Azov. p. 13.
- Mil'shtein, V. V., and others. - Reproduction of Atlantic starfish. p. 18.
- Polubov, F. - Vernal period in the life cycle of Salvelinus leucomaenis. p. 15.
- Asplava, V. I. - More on the restoration of Volzhskiy whitefish stock. p. 18.
- Zakharov, I. I. - Artificial culture and preparation of food in sturgeon hatcheries of the Asov basin. p. 20.
- Shchegolev, M. M. - Data on the biology of scabbardfishes in Aral Sea lakes of the ghorat. p. 22.
- Kazanskaya, A. D. - Ligulosis in fishes of Vostochnoye Reservoir. p. 26.
- Vorontsov, I. I. - How to determine operational speeds of fishing vessels. p. 28.
- Strunov, M. - Improving the reliability of main diesel engines aboard Tropic-class vessels. p. 31.
- Heisev, I. M., Semenov, L. M. - Reevaluation of work meter readings in medium trawlers (MRT). p. 34.
- Karapov, A. I. - Determining the disengagement moment of vessels with trawls. p. 37.
- Matkhanov, I. - Thirty years in fishery service. p. 40.
- Potashnikov, A. P., Aslanov, G. A. - Seine-hauling machine TUN-48. p. 41.
- Kashin, A. I. - Significance of the catchability of fishing gear for evaluating the abundance of fish. p. 44.
- Morozov, I. I. - Competence and experience. p. 44.
- Dudakov, I. I. - Vertical diurnal fish migrations used in organizing trawling operations. p. 45.
- Movshin, M. I. - Experimental determination of catchability coefficients of river herring. p. 48.
- Tieria, A. P. - The formation of fishing vessels and new to light it. p. 50.
- Volkov, A. - Air lift for unloading fish from processing tanks. p. 53.
- Kozlov, V. I. - Determining the freshness of fish by instrumental analysis method. p. 58.
- Fekhtelov, A. - Expert in canning industry. p. 59.
- Rous, V. - Preparation of antioxidant paper. p. 60.
- Shchegolev, V. P. - Distribution of smoke components in smoking chambers. p. 61.
- Gordiyevskaya, V. S., Lavrenko, I. P., Rublevskaya, M. A. - Determining the overall chemical composition of shark meat. p. 63.
- Baron, M. A. - Essence and significance of profitability index for caught fish. p. 68.
- Teplitzki, V. A. - Determining the cost of carrying refrigerated cargo by the transport fleet. p. 67.
- Kozlov, I. M., Savin, M. I. - Urgent problems of servicing whaling flotillas. p. 69.
- Zagladskii, P. M., Mikhailov, A. S. - Planning transport fleet operations by dynamic programming method. p. 71.
- Tumenbaum, D. I. A. - "Model" operator for calculating catch losses by a group of vessels during transshipment. p. 73.
- Tishin, V. E. - Frozen fishmince for producing sausage products. p. 75.
- Tuplov, A. - Scientific and technical symposium at the International Fishing Industry Exhibition 1968. p. 77.
- All-Union conference on fisheries in lakes and rivers and reservoirs. p. 78.

VLADIVOSTOK. TSEKHOLOGICHESKI NAUCHNO-ISLEDOVATSELSKI INSTITUT IYERVOGO KHOZIAISTVA I OKEANOGRAFI. IZVESHIA [PACIFIC OCEAN SCIENTIFIC RESEARCH INSTITUTE OF FISHERIES AND OCEANOGRAPHY. BULLETIN. Vol. 5, 1967.

- Table of contents translated:
- Pavlychev, V. P. - Some characteristics of hydrological balance in the Kamchatka region in spring of 1965. p. 3.
- Chernyi, B. I. - Oceanological conditions of the formation of commercial concentrations of *Mytilus* in the Gulf of Tatarskaya. p. 11.
- Mikhukhina, A. P. - Some information on plankton in the southwestern part of the Pacific Ocean. p. 21.
- Kotliar, L. K. - Zooplankton distribution in the northern part of the Sea of Okhotsk in August of 1964. p. 41.
- Markina, N. P. - Materials on feeding habits of several in the East China Sea. p. 53.
- Kareida, E. P. - Characteristics of feeding habits of fishes in Lake Khasan and adjacent waters. p. 57.
- Pokoshin, M. V. - Characteristics of feeding habits of Amur whitefish in the Amur Liman. p. 75.
- Degtyarev, O. K. - Feeding habits and growth of *Thynnus arcticus* and *Valenciennes* in waters of Okhotsk and Kolymsk basins. p. 84.
- Kuznetsov, A. M. - Abiotic conditions in spawning grounds of *Oncorhynchus gorbuscha* Walbaum. p. 84.
- Volkov, B. P. - Causes and some characteristics of the behavior of migrating young *Oncorhynchus gorbuscha* Walbaum in rivers of Sakhalin. p. 104.
- Kuznetsov, A. M. - Spawning effectiveness in *Oncorhynchus gorbuscha* Walbaum. p. 118.
- Pavlov, N. P. - Observations on young *Oncorhynchus gorbuscha* Walbaum migration in the Uliksa River. p. 127.
- Kuznetsov, A. M. - Peripheral blood composition in *Oncorhynchus gorbuscha* Walbaum as an indicator of its quality and rearing conditions. p. 132.
- Ivanov, V. N. - Seasonal *Oncorhynchus gorbuscha* Walbaum roasts. p. 143.
- Ivanov, V. N. - Causes and nature of atrophic changes in *Oncorhynchus gorbuscha* Walbaum population of the southern Kurile Islands region during spawning migration. p. 153.
- Rozly, I. U. - Structure of biological groups of *Oncorhynchus gorbuscha* Walbaum. p. 157.
- Kozlov, V. L. - Age and growth of *Oncorhynchus gorbuscha* Walbaum in the Sea of Okhotsk. p. 173.
- Kononov, B. M. - Delimitation of local *Oncorhynchus gorbuscha* Walbaum schools in the sea with the help of parasites-indicators. p. 183.
- Tieria, B. V. - Duration of stages and phases of embryonic development in Okhotsk herring. p. 194.
- Kharitonenko, O. A. - Behavior and distribution of fat Okhotsk herring in 1961 and 1962. p. 194.
- Kharitonenko, O. A. - Effect of fattening conditions and physiological state of Okhotsk herring on its spawning time. p. 211.
- Prokhorov, V. G. - Seasonal cycles in the biology of postembryonic herring in the western part of the Bering Sea. p. 218.
- Kachina, T. F., Prokhorov, V. G. - Nutrient herring fisheries in the western part of the Bering Sea. p. 224.
- Berdjak, A. V. - Distribution of Pacific murre during northern migrations. p. 233.
- Kodolov, L. R. - Determining the age of *Anoplopoma fribia*. p. 235.
- Podin, V. M. - Some features of the biology and characteristics of the distribution of king crab off the western coast of Kamchatka. p. 243.
- Sokolovskaya, M. V. - Distribution of algae along the coast of the Maritime Territory. p. 255.
- Bekashev, V. M. - Present state of investigation in basic operations of trawl fishing lines. p. 261.
- Krasov, V. V. - Modeling submergence of the lower line of purse seines. p. 271.
- Popov, I. U. - Theoretical processes of fish movement on a horizontal table performing harmonic longitudinal vibrations. p. 283.
- Belykh, M. A. - Characteristics and use of proteolytic hydrolyzates from fish and whale liver. p. 288.
- Vakhrusova, M. M. - Technological characteristics of southern fish caught with trawls in shelf zones. p. 299.
- Zaverina, I. U. - Some possibilities of forecasting the migration of murex to the southern Kurile Islands. p. 311.
- Rozly, I. U., Podinova, M. I. - Marking young Pacific salmon with vital staining. p. 314.
- Ivanov, V. N. - Scale structure differences in some *Oncorhynchus gorbuscha* populations. p. 319.
- Pokoshin, M. V. - Distribution and biology of *Coregonus chadary* Dybowski. p. 323.
- Prokhorov, V. G. - Types of spawning grounds of Pacific herring. p. 328.
- Kodolov, O. P. - Nature of egg maturity and fecundity of Pacific murre (*Colaptes auratus*). p. 331.
- Kononov, I. U. - Physiological effect of some physical stimuli on fish. p. 335.
- Molokanov, T. N. - Some data on the chemical composition of nonfish objects. p. 341.

a. FORESTRY

BARMASHEVO. KAZAKHSTAN NAUCHNO-ISLEDOVATSELSKI INSTITUT IYERVOGO KHOZIAISTVA. Trudy [KAZAKH FORESTRY SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Tsel'ingrad, vol. 5, no. 5, 1966. Type classification of the mountain forests of Kazakh.

- Table of contents translated:
- Uspenskiy, B. M. - Scientific and methodological con-

- ference on the classification of the types of mountain forests of Kazakhstan. p. 3.
- Gribanov, I. M. - Forest vegetation zoning of the pine forests of Kazakhstan and types of mixed pine forest stands of the central Kazakhstan peninsula. p. 8.
- Lagov, I. A. - Principles of classification of the larch forests of the Kazakhstan Altai. p. 30.
- Vorob'ev, D. V. - Classification and study methodology of the types of forests in mountain forest regions. p. 24.
- Kolesnikov, B. P. - Genetic classification of forest types and some immediate problems of its improvement. p. 32.
- Botolov, R. A. - Forest types and forestry. p. 56.
- Zakharova, R. S. - Principles of mountain forest classification in regions of intensive exploitation. p. 70.
- Berdjakov, O. K. - Experience in forest management of the Borovoye Mountain forest stands as a typological basis. p. 83.
- Garikov, D. E. - Types of spruce forests of the northwestern Tien Shan. p. 85.
- Popov, I. T. - Experience in dividing forest farms on a typological basis in forest management of the larch forests of the Bait Range. p. 90.
- Chimirov, I. U. - Types of fir forests in the Rudnyy Altai Mountains. p. 91.
- Yul'inskiy, E. M. - Experience in the compilation of a genetic classification of forest types of the Southern Ural. p. 104.
- Pozolov, P. P. - Typological regularities in the mountain forests of the Crimea. p. 114.
- Vedala, I. F. - Principles of classification of the forest types of the Ukrainian Carpathians. p. 136.
- Mikhlin, R. A. - Classification of the tree and shrub vegetation in Kazakhstan. p. 136.
- Boleslavskiy, E. D. - Types of cedar forests in the Altai Mountains. p. 144.
- Berdjakov, V. N., and others. - Forest and soil types in the ecological topographical profiles in the Borovoye forest area. p. 154.
- Resolution of the State Scientific and Methodological Conference on the Principles of Type Classification of the Mountain Forests of Kazakhstan. p. 167.

Vol. 6 1967.

- Table of contents translated:
- Tokarev, A. D. - Hare forests of Karaganda Province. p. 7.
- Yurkov, V. M. - Types of forests on the variegated weathering crust in the facies of steppe pine forests of the Kokchetav-Maschak hill country and rocky peninsula. p. 12.
- Lagov, I. A. - Seed bearing by Siberian larch in the Rudnyy Altai. p. 26.
- Mokhovskiy, A. A. - Improvement cutting in the deciduous forests of the Kazakh peninsula. p. 21.
- Smirnov, M. T. - Results of improvement cutting in young stands of pine and birch. p. 45.
- Kozlov, A. P. - Effect of cutting methods on rootbrotion in the spruce-grass pine forests of the Kokchetav peninsula. p. 53.
- Vorob'ev, D. V. - Natural regeneration in the mountain pine forests of the Kokchetav Upland in relation to cuttings. p. 61.
- Zhigalov, O. G. - Effect of felling operations on the process of natural regeneration in the strip pine forests of Kazakhstan. p. 78.
- Ushakov, R. U. - Effect of grazing on the regeneration and growth of the Kysyl-Kum oakland stands. p. 85.
- Popov, I. T. - Siberian larch trunk volume and taper in the Bait Range. p. 83.
- Mel'nikov, A. P., Orlov, I. I., Yul'inskiy, E. M. - Results of studies of the latitudinal range of pine forests of the Kazakh peninsula. p. 103.
- Vink, B. R., Orlov, I. I. - Results of two years of experiments in tapping Scotch pine on the Chaldai mountainous timber farms in Pavlodar Province. p. 108.
- Cherdak, D. P. - Black alder shoot regeneration in the southern Lake Balkhash region. p. 114.
- Skorov, V. A. - Pine sowings on burnt areas of stony soils in the Kazakh peninsula. p. 121.
- Vladimirov, I. U. - Creation of forest cultures by sowings in the Altai Mountains of Kazakhstan. p. 131.
- Dvaretskiy, G. L., Skorova, M. E. - Experience in growing Scotch pine from seeds of different geographical derivation in Kazakhstan. p. 135.
- Lagov, I. A. - Effect of fertilizers on Siberian larch seedlings. p. 146.
- Bozhik, V. V. - Effect of fertilizers on the lateness of photosynthesis and transpiration in single year seedlings of birch. p. 151.
- Uspenskiy, B. M. - Research by Borisovich Fedak on the 50th anniversary of his birth. p. 157.
- Bedak, R. I. - Material on the introduction of trees and shrubs into the forests of northern Kazakhstan. p. 159.
- Berdjakov, O. K. - Growth of introduced species in Kokchetav Province. p. 201.
- Fedorovskiy, M. I. - Some results of experiments with high grade poplars in the northern part of Kazakhstan. p. 204.
- Petrov, R. A., Krasnaya, P. A. - Geographical and individual variability of the content of cellulose in poplar wood in Kazakhstan. p. 214.
- Khibov, P. M. - Aspects of winter transpiration and moisture dynamics in one-year poplar shoots in Northern Kazakhstan. p. 221.
- Skorov, V. A. - Growing introduced nursery stock. p. 227.

- Sheliga, V. V. - Experience in grafting pines in Northern Kazakhstan. p. 238.
- Uspenskiy, B. M. - Breeding experimentation and introduction of promising species of poplar in protective forest plantings. p. 238.
- Krasnaya, P. A. - Effect of derivation and form of European larch seeds on the quality of nursery stock. p. 248.
- Romanovskiy, M. A. - Cellulose content of the wood of poplar and willow in the Issyk arboretum. p. 248.
- Berdjakov, V. V. - First results of work on the study and introduction of a complex of measures to control wind erosion of the soil. p. 247.
- Vladimirov, I. U. - Experience in protective afforestation in Aktyubinsk Province. p. 257.
- Anisov, K. V. - Effect of young windbreak tree belts on snow distribution. p. 265.
- Khalakia, G. T. - Aspects of the agroecology of growing windbreak tree belts in Northern Kazakhstan. p. 272.
- Berdjakov, O. K. - Effect of gibberellins on the growth and development of larch. p. 278.
- Mordvinov, G. M. - Some principles and methods of planting trees in rural populated areas of Northern Kazakhstan. p. 282.
- Merabashvili, V. G. - Experience in the planting of forest belt from seedlings in Northern Kazakhstan. p. 290.
- Uspenskiy, B. M., Muzin, M. M. - Dynamics of forest fires in the forests of the Kazakh peninsula. p. 293.
- Mokhovskiy, I. U. - Biology of nutrition and the harmfulness of the great pine weevil (*Itytus abietis* L.) in the pine forests of the Kazakh peninsula. p. 303.
- Mozin, V. I. - Early poison crowing of Scotch pine seeds with dry toxic chemicals. p. 311.
- Mokhovskiy, L. A. - Experience in the aerial chemical control of the pine looper in the Borov Forest Tract in Kokchetav Province. p. 321.
- Solov'ev, A. M. - Testing the action of biopreparations from *Trichoderma* fungi in the control of root fungus. p. 328.
- Mikhlin, R. A. - Some characteristics of the biology of the large poplar willow borer in different parts of its territory. p. 328.
- Mikhlin, R. A. - Biology of the small poplar borer. p. 332.

LEZMAIA NOV' [FORESTRY NEWS]. Issued by TsK Profsovmakhobshchestva, Kazakhskiy (Kazakhstani) vobshchestvenno-promyshlennyyi (Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries). Moscow, vol. 13, no. 12, Dec. 1966.

LEZMAIA PROMYSHLENNOSTI' [FOREST INDUSTRIES]. Organ of Obshchestvennyy komsomol po lesoi, tsel'niko-bumaznoi, derevoprosyashchibeli promyshlennosti i lesozoo khosiatva pri Omskoye SVSR and Tsel'niko-bumaznoi promyshlennosti i lesozoo khosiatva pri Omskoye SVSR (Central Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry). Moscow, vol. 48, no. 8, Aug. 1962.

- Table of contents translated:
- Fedorov, A., Mokhov, I. U. - Testing of TDT-14 tractors with different power engines. p. 3.
- Perikov, M. A., Stupov, G. K. - Results of the operational testing of the VTM-4 unit. p. 4.
- Bacon, V. G. - Automated "Onega" automatic sawer. p. 7.
- Bala, I. V., Kozak, V. M. - Chalk-type borings for marking oak wood. p. 8.
- Khil'kov, A. - Floating of wood without losses. p. 10.
- Artikov, A. I., Gerasimov, I. M. - Automatic line with branch-cut stream. p. 11.
- Alekseyev, I. M. - Lumbering plant for the production of resource lumber. p. 13.
- Kuris, I. M. - Urgent problems in connection with capital repairs. p. 13.
- Dryden, P. B. - New results in hydraulic systems of timber-processing mills. p. 14.
- Bass, B. M. - Wall blocks made from waste. p. 16.
- Gerasimov, V. K. - Determination of the efficiency of reinforced concrete slabs on automobile roads. p. 18.
- Gorov, O. F. - PIA-1 slabs for timber transportation roads. p. 20.
- Gorov, V. V. - Foundation of the optimum distribution of enterprises. p. 21.
- Romanov, M. B. - Quality of the lumber production and economic indices. p. 23.
- Muzin, G. T. - Use of efficiency promotion funds. p. 23.
- Mokhov, M. D. - Economic effectiveness of the first method of selective felling. p. 25.
- Pavlov, N. A. - Foreign patents for mobile motor saws. p. 25.
- Petrovskiy, M. - Immigration of oaks in the Omsk region. p. 27.

MONCOW. LEBOWENHETICHESKI INSTITUT. Shornik rabot [FORESTRY AND LUMBERING INSTITUTE. Papers]. No. 18, 1967. Aspects of forest protection.

- Table of contents translated:
- Mokhovskiy, M. G., Tsel'nik, I. - Effect of *Metodika* aneopa Gose on the condition and improvement of plantings. p. 8.
- Ismailov, R. M. - Disturbance of the temperature balance as one of the reasons for destruction of oaks in the foot of leaf eating pests. p. 28.

- Vorontsov, A. I. - Criteria for designing chemical control of pests in deciduous plantings. p. 19.
- Snosokov, A. S. - Possibility of using nuclear polythermal viruses in the control of some forest insect pests. p. 22.
- Martynova, O. G. - Decrease of insect populations under the influence of larva parasites. p. 35.
- Golovova, M. A. - Allometrical specialization of tent caterpillars. p. 40.
- Ybrenskii, S. S. - Developmental characteristics of the pine moth in different types of forests. p. 48.
- Chervatova, A. S. - Biology of *Hypocossus rosella* Hb. p. 50.
- Novikova, L. K., Sukolov, V. K. - Lyda shchiba Christ, in the Buzubek pine forest. p. 61.
- Samovskii, F. M. - Effect of progeny splitting on the length of the diapause. p. 71.
- Samovskii, F. M. - Autogenetic regulation of population density. p. 74.
- Ialava, S. M. - Determinative table of species of *Hymenoptera* parasites of the gypsy moth. p. 79.
- Gur'manova, T. M. - Bark beetles of the *Martianus* fir. p. 84.
- Gur'manova, T. M. - *Saragolus barbutus* Schall., the destroyer of Bormans fir timber. p. 85.
- Lut's, M. A. - Ecological differences in close species of the chalcograph beetle. p. 100.
- Borodits, A. I. - Damage of fir trees by insects depending on the age in cutting areas. p. 107.
- Lut's, M. A. - Phenology and settlement conditions of bark beetles, the pests of the Norway spruce in the southern ecotone of the taiga. p. 113.
- Borodits, A. I. - Resistance of the spruce to damage by insects under conditions of concentrated cutting. p. 123.
- Melomozov, N. A. - Fertility of the large pine weevil. p. 131.
- Berezovskaya, L. G. - Diagnosis of root fungus in spruce forests. p. 134.

REFERATIVNIY KHURNAL LISOVEDENIY I LISO-
VOODSTVO (Otdel'nyi vypusk 86) [JOURNAL OF AB-
STRACTS: FORESTRY AND FOREST MANAGE-
MENT (Separate Issue 86)]. Issued by Institut nauch-
no informatsionnogo tsentra AN SSSR [Institute of Sci-
entific Information of the Academy of Sciences of
the U.S.S.R.]. Moscow, nos. 9-10, Sep.-Oct. 1968

SVYEDLOVSKIY NAUCHNO-ISLEDOVATELSKIY INSTITUT
LISNORAI PROMYSHLENNOSTI. Trudy [SVYEDLOVSKIY
RESEARCH INSTITUTE FOR THE LUMBER
INDUSTRY. Transactions]. Sverdlovsk, no. 3, 1968.

- Table of contents translated:
- Shchepetnikov, A. I. - Ways to improve the technology of stacking and loading round timber at the lower loadings of lumbering establishments. p. 3.
- Vasil'ev, G. M. - Increasing the productivity of crosscutting units in longitudinal transfer of logs. p. 11.
- Mazurenko, A. P. - Use of transverse sorting of round timber. p. 23.
- Vorob'yev, K. M. - Combined work of an overhead crane and a movable device to line up the butt ends of logs in the stack. p. 48.
- Shchepetnikov, A. I. - Conditions of the use of radial grab lifters. p. 60.
- Kapustin, V. A. - Problems of losses in log quality in blind-fish-length sorting of logs. p. 81.
- Bobylov, B. L. - Reserves of worktime in lumbering establishments. p. 97.
- Pecheritskiy, I. A. - Use of strengthened ground for the construction of roads for automotive timber hauling in Sverdlovsk Province. p. 110.
- Tsitilina, M. I. - Conditions of using a centralized electric supply system for lumbering establishments. p. 117.
- Khrushchov, Z. Kh. - Effectiveness of accumulating seasonal log reserves in the Tagil'skaya Lumbering Establishment. p. 159.
- Tranov, N. I. - Effect of lumbering wastes on the intensity of a forest fire. p. 187.

No. 3, 1967.

- Table of contents translated:
- Vasil'ev, G. M. - Calculation of the time cycle of a circular saw stand for crosscut sorting of timber. p. 3.
- Vasil'ev, G. M. - Some aspects of the improvement of sawing devices for bucking logs. p. 14.
- Turovskii, T. A. - Problems in the erection of a screw conveyor feeder for cross presentation of logs. p. 41.
- Turovskii, T. A. - Means of increasing the productivity of the T-107-4A crosscutting machine constructed by the Sverdlovsk Scientific-Research Institute of the Lumber Industry. p. 44.
- Turovskii, T. A. - Automatic centering of the cross-cut blank while bucking it to the butt. p. 54.
- Mazurenko, A. P. - Areas of use of automatic sorting of round saw material. p. 66.
- Vorob'yev, K. M., Molodtsov, G. V. - Log reserves at lower loadings of forest roads. p. 73.
- Bobylov, B. L., Vorob'yev, K. M. - Reserves for the erection of technological reserves of logs at lower loadings. p. 87.
- Oskol'skaya, V. M. - Choice of means of removing logs and trees from a pile. p. 94.
- Usov, S. M. - Study of the basic parameters of existing grapple chains. p. 100.
- Usov, S. M. - Calculation of nonfreezing holding points

- for storage of the winter supply of timber in water. p. 108.
- Korovin, M. M. - Approximate method of determining the load-carrying ability of an ice surface. p. 123.
- Pecheritskiy, I. A., Kishikova, M. G. - Changes in the aggregate composition of the ground in its treatment with steps. p. 130.
- Pecheritskiy, I. A., Kishikova, M. G. - Changes in the properties of coherent ground in interaction with self-decomposing steps. p. 140.
- Kapustin, V. A. - Effect of the size of the interoperative reserve on the shortening of dwelltime of automatic lines. p. 147.

4. PLANT CULTURE

RASTITEL'NYE RESURSY SIBIRI I DAL'NEGO VOSTOKA,
belletristicheskoye izdaniye [PLANT RE-
SOURCE OF SIBERIA AND THE FAR EAST: Belletristicheskoye izdaniye]. Issued by Gosstatizdat
publitsitsionno-nauchno-issledovatel'skaya biblioteka Sibirskogo
okladiyala Akademii nauk SSSR [State Public Techni-
cal Research Library of the Siberian Department of
the Academy of Sciences of the U.S.S.R.]. Novosibirsk,
Jan.-Mar. 1963, July-Sep. 1964; Jan.-Mar., July-
Dec. 1966; Jan.-Mar. 1967.

REFERATIVNIY KHURNAL RASTENIY VOOSTO
(Otdel'nyi vypusk 86) [JOURNAL OF ABSTRACTS:
PLANT CULTURE (Separate Issue 86)]. Issued by
Institut nauchno informatsionnogo tsentra AN SSSR
[Institute of Scientific Information of the Academy of
Sciences of the U.S.S.R.]. Moscow, Preprint
dostupen za 1967.

TABELOT, VESCHIVNIY NAUCHNO-ISLEDOVATELSKIY
INSTITUT KHIMIKOVOSTVA. Trudy [ALL-
UNION SCIENTIFIC RESEARCH INSTITUTE OF
COMMON GROWING. Transactions]. No. 13, 1967.
Problems of physiology and agrochemistry in cotton
raising.

- Table of contents translated:
- Prokhorov, P. V. - Raising the effectiveness of fertilizers in cotton growing. p. 2.
- Kaplan, S. A., Larionov, G. I., Umarov, A. A. - Effect of the form of nitrogenous fertilizers on the biological activity and microbiological processes of soil and cotton roots. p. 18.
- Kaplan, S. A., Umarov, A. A., Kirov, I. M. - Effectiveness of applications of phosphorus fertilizers to cotton plants in the meadow soils of Bashkiria Province. p. 30.
- Kaplan, S. A., Umarov, A. A., Kirov, I. M. - Effectiveness of liquid and solid complex fertilizers in cotton growing. p. 33.
- Mazurenko, A. P. - Effectiveness of potassium fertilizers in crop rotations. p. 47.
- Larionov, G. I., Kirov, I. M. - Effect of stimulating and retarding dosage of fertilizer and insecticide mixtures on the metabolism and yield of the cotton plant. p. 51.
- Larionov, G. I., Umarov, A. A., Kirov, I. M. - Effect of MFU and straw in combination with insecticides on the metabolism and yield of cotton in meadow soils. p. 79.
- Belikov, M. A., and others. - Study of the hydrologic method of cotton growing. p. 93.
- Belikov, M. A. - Effect of the correlation and concentration of nutritive substances in a solution on the metabolism and water balance in the cotton plant. p. 107.
- Belikov, M. A., Ivanov, B. M. - Physiology of the will infected cotton plant. p. 114.
- Belikov, M. A. - Effectiveness of new organic phosphorus derivatives in Bashkiria Province. p. 123.
- Kaplan, S. A. - Microclimate of a cotton field treated with desiccants. p. 134.
- Kaplan, S. A., and others. - Results of experiments in small-volume aerial spraying in cotton plant development. p. 131.

18. TECHNOLOGY

a. GENERAL

KIKPRESH - STANDARTI KACHESTVO, STANDARTI,
METROLOGIYA [KIKPRESH - STANDARDS: QUALITY,
STANDARDS, METROLOGY]. Issued by Komitet stan-
dortov, near i nauchno-issledovatel'skaya biblioteka
Sverdlovskogo NII [Committee for Standards, Measurements
and Measuring Devices attached to the Council of
Ministers of the U.S.S.R.]. Moscow, nos. 1-4, 8-16
(1-34, 36-48), 1966; nos. 1-3, 4, 7, 9, 11, 22-23, 41, 47-
138, 139, 143, 148, 157, 158-159, 167, 1964.

KIKPRESH - STANDARTI NOVEYE STANDARTY [KIK-
PRESH - STANDARD: NEW STANDARDS]. Issued by
Komitet standartov, near i nauchno-issledovatel'skaya
biblioteka Sverdlovskogo NII [Committee for Standards,
Measurements and Measuring Devices attached to the
Council of Ministers of the U.S.S.R.]. Moscow, nos. 5,
40-42, 1966, 1968.

INFORMATSIONNIY UKAZATEL' STANDARTOV [INFOR-
MATION INDEX OF STANDARDS]. Issued by Gos-
statizdat komitet standartov, near i nauchno-issledovatel'skaya
biblioteka Sverdlovskogo NII [State Committee of Standards, Measurements
and Measuring Instruments of the U.S.S.R.]. Moscow,
vol. 19, no. 11, 1968.

INZHENERNO-FIZICHESKIY KHURNAL (JOURNAL OF
ENGINEERING PHYSICS). Issued by Akademiya nauk
SSSR [Academy of Sciences of the White Russian
S.S.R.]. Minsk, vol. 9, no. 8, Aug. 1968.

- Table of contents translated:
- Belikov, M. A. - Mechanism of heat conduction in
a solid-state boiling. p. 143.
- Kapustin, V. A. - Heat transfer of a laminar flow of
heated liquid past a flat plate. p. 148.
- Korovin, I. F. - Optimum section of the boundary layer
at a porous plate with allowance for the lateral flow
turbulence. p. 151.
- Ginsburg, L. P., Korovin, I. F. - Effect of a turbulent
Prandtl number on the friction and heat transfer of a
plate in a turbulent gas flow. p. 158.
- Bergov, G. T., Smol'skii, D. M. - Transfer processes in
a reacting boundary layer. p. 163.
- Fedorov, V. K., Litinskii, E. M. - Study of the heat
transfer in a transverse gas flow past a rectangular
wedge. p. 171.
- Gorbis, K. R., Tsukonogit, Yu. L. - Aerodynamics and
heat transfer of a falling (ooze) non-blow-
through bed. p. 177.
- Makarov, I. S., Khadonko, B. G. - A system of phase
turbulent jets. p. 180.
- Vachaga, K. D., Zimoliatin, N. Kh., Tshiba, M. V. -
Film flow of a non-Newtonian liquid over rotating
surfaces. p. 187.
- Chalenov, V. A., Mikhailov, N. V. - Some properties
of a vibrating fluidized bed. p. 190.
- Dushchenko, V. P., Belikov, M. A. - Determining
the moisture diffusivity and thermal gradient
coefficients for some colloidal capillary-porous
materials. p. 201.
- Shchepetnikov, P. T. - Effect of vibrations on the heat
and mass transfer in a capillary-porous material. p. 207.
- Shchepetnikov, P. T., Vorontsov, V. A., Zubov, P. L. -
Thermophysical characteristics of polymer
composites. p. 211.
- Belikov, M. A., Gal'perin, L. G. - Critical resistance
and critical rate of fluidization of fine-grain ma-
terial in conical apparatus. p. 217.
- Kapustin, V. A., Kishikova, M. G. - Method for
determining the critical density of a saturated
substance according to experimental data. p. 223.
- Akhmedov, L. S. - Calculating the temperature distribution
in an eccentric heat-releasing nuclear layer.
p. 227.
- Gorbis, K. R. - Calculating the thermal stability
of a liquid-metal contact in an emergency. p. 233.
- Roginskii, O. G. - Relaxation vibrations in a gas
burning in a furnace. p. 244.
- Aranson, A. E., Daryutin, V. V., Morozov, A. G. -
Laws governing the ignition of condensed explosives
in the case of ideal heat transfer on the surface with
allowance for burnout. p. 245.
- Smirnov, M. R. - Nonlinear steady-state systems of
differential equations describing heat and mass
transfer. p. 250.
- Orlov, V. V. - Distribution of solid-phase concentra-
tion in a suspension flow. p. 262.
- Shchepetnikov, P. T., Moshkov, E. L. - Calculation
of internal friction in two-layer cylindrical specimens
subjected to torsional vibrations. p. 267.
- Likhovitskiy, V. P. - On the cooling of the gas in gas-
condensate deposits. p. 267.
- Iglov, A. V., Smol'skii, D. M., Zakhodskii, S. S. -
Weak L'vovich combustion on his 70th birthday.
p. 268.
- Martynov, O. G. - All-Union scientific council on
the problem of mass and heat transfer in tech-
nological processes. p. 273.

YUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by
TsK VLENM and Tsentrallyy sovetskoye pionerskoye
organizatsionnoye V. I. Lenin [Central Committee of
the All-Union Communist Youth League of Lenin and
the Central Council of the Lenin Pioneers]. Moscow,
vol. 13, no. 1, Jan. 1969.

IZOBYENIENIYA, PROMYSHLENNYIY OBYEKTSY, TO-
VARNYIY KODI [INVENTIONS, INDUSTRIAL SAM-
PLING, TRADEMARKS]. Issued by Komitet po delam
izobreteniy i otкрыtiy pri Sovetskom Ministre SSSR [Com-
mittee on Inventions and Discoveries, Attached to the
Council of Ministers of the U.S.S.R.]. Moscow,
vol. 48, nos. 24, 26, 1968.

KHIMIKIY. POLYTEKHNIKHESKIY INSTITUT. Trudy
[POLYTECHNIC INSTITUTE. Transactions]. No. 1,
1967. Construction work, production of building ma-
terials, and calculation of structural members.
Table of contents translated:

Kapustin, V. A. - Studying prestressed roof guy-
nets with two-way corrugations. p. 3.

Kolodits, O. B. - Representing stress function for an
inhomogeneous strip in the form of polynomials.
p. 8.

Movkreshchenko, L. A. - Concerning a stability
calculation method. p. 10.

- Novosibirsk, L.I. - Testing reinforced concrete elements of an umbrella-shaped roof. p. 14.
Voskresenskiy, V.A. - Microstrain analysis of concrete uniformity degree. p. 19.
Amelinov, M.D. - Planning operation of dewatering installations in hydraulic construction. p. 27.
Smirnov, A.D. - Use of mathematical methods in planning operations of dewatering installations. p. 32.
Dolashilov, I.U. P. - Gypsum paste mixer. p. 32.
Rogachevskiy, I.A., Spivakov, F.P., Muga, V.I. - Effectiveness of geophysical prospecting on time-slice deposits in the M.S.R.R. p. 42.
Lisakov, B.K. - Principal ways for raising technical and economic level of large panel and large cubic unit construction in Moldavia. p. 42.
Mozhukhina, O.A. - Study of refractive index stratification during the selection of optimal conditions for radio surveying measurements. p. 53.
Lisagachev, A.A. - Surveying measurements of settlements and bed deformations in buildings and structures in Kishinev. p. 54.
D'vitskaya, O.M. - Some methods for increasing labor output in tachometric surveys. p. 57.
Tsvetkovskiy, I.V. - Study of hyperbolic term. p. 60.
Pavlov, V.Y. - Method of plotting plane cross sections of ruled surfaces. p. 67.
Toramandian, A.Kh. - Design of large dairy farms with apses buildings in Chachnolovskaya. p. 72.
Gulobovskiy, V.D., Pakhomov, V.A., Sokolov, I.S. - Designing structural members from soil cement concrete. p. 72.
Rogachevskiy, I.A., Spivakov, F.P., Kabanov, D.D. - Considering the effect of size factor in the evaluation of cast limestone strength. p. 84.
Kolebin, G.B. - Effect of interaction forces between reinforcement and concrete on the crack resistance of prestressed structural members. p. 85.
- MODELST-KONSTRUKTOR (DESIGNER OF MODELS).**
Issued by TsK VLSHM (Central Committee of the All-Union Communist Youth League of Lenin). Moscow, vol. 3, no. 10(24), Oct. 1968.
- MARODNYI UNIVERSITET: Tekhniko-ekonomicheskiy (Soviet PEOPLE'S UNIVERSITY Faculty of Technology and Economics).** Moscow, no. 10, 1968.
- NOVOYERKASKIE, POLYTEKHNIЧЕСКИЙ ИНСТИТУТ Trudy [POLYTECHNIC INSTITUTE, Transactions].** Yerevan, vol. 178, 1968. Breaking of rocks, and cutting tools of mining machines.
Table of contents translated:
Mikhailov, V.G. - Health and tasks of scientific studios of the Department of Mining Machines. p. 3.
Krapivina, M.G. - Calculating stresses in cutters during borohole drilling. p. 8.
Mikhailov, V.G., Krapivina, M.G., Shuprovskiy, I.A. - Investigating the half-shock and undercutting methods of rock cutting. p. 22.
Mikhailov, V.G., Krapivina, M.G., Marakov, V.M. - Influence of the speed of rock cutting on the performance of a cutting tool. p. 32.
Mikhailov, V.G., Krapivina, M.G., Delov, V.T. - Influence of the cooling medium on the performance of a mining cutting tool, and determination of the efficient conditions of cooling. p. 42.
Mikhailov, V.G., Garabekchyan, P.A. - Optical polarization method used in the study of stresses originating in hard-alloy cutting tools during soldering. p. 56.
Garabekchyan, P.A., Krapivina, M.G. - Geometrical design of rotating cutting tools on stone cutters-loaders. p. 72.
Mikhailov, V.G., Ilenko, I.U. P., Krapivina, M.G. - Performance of self-rotating cutting tools during rockbreaking. p. 82.
Mikhailov, V.G., Golod, A.B., Krapivina, M.G. - Performance of static blade plows in anthracite seams. p. 84.
Mikhailov, V.G., Krapivina, M.G., Shuprovskiy, R.L. - Investigating and elaborating parameters of self-propelled rigs for borohole drilling in salt. p. 102.
Khrebtov, L.F. - Performance of the components of the forward-stroke actuating mechanism on auger drills. p. 112.
Vodanik, G.M., and others. - Conditions of rock boring in spring mounted electric drills with differential-balloon feed. p. 120.
Vodanik, G.M., Rylev, P.V., Samodurov, N.I. - Experimental investigations of operating conditions of rock drills, based on the new principle of connecting the differential-screw pair. p. 122.
Vodanik, G.M., Ivolgov, A.N. - Experimental stand for drills with a relative motor and a planetary-type differential for drilling vertical boreholes. p. 132.
Mikhailov, V.G., Dubinskii, V.M. - Evaluating conditions of coal cutting during the movement of the tool along the cycloid curve. p. 142.
Rakov, I.A., Minenkov, I.I. - Equipment for determining mean values of stresses acting upon the cutter. p. 142.
Marakov, V.M. - Selecting the technology of mining and the parameters of systems of working flat seams of the Donetsk Basin in hydraulic mining. p. 150.
Vishniakov, V.I., Krivov, A.A. - Mechanism of the friction wear of parts at high temperatures in a complex gas medium. p. 157.
Vladimirov, V.I. - Influence of the lubricant on the friction and wear at high and ultrahigh temperatures. p. 158.
- NOVYI KNOI ZA RUBEZHOM. Seriya Bi Tekhnika (NEW FOREIGN BOOKS. Series Bi Technology).** Published by Izdatel'stvo inostranoy literatury [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 11, Nov. 1968.
- PROMYSHLENNOST' ARMENII (INDUSTRY OF ARMENIA).** Issued by Sovet narodnogo khozaystva Armianskoy SSR [Economic Council of the Armenian S.S.R.]. Yerevan, vol. 10, no. 8, 1968.
Table of contents translated:
Makharadze, E. - Where gold is being mined in the mountains. p. 3.
Buznitskiy, G. - The golden, vortex duplicants-milling machines. p. 6.
Urul Heavy Machinery Plant. p. 9.
Opasinskiy, M., Alagoradskiy, Z. - Production of tuff, pumice stone, slugs and perlite in Armenia. p. 11.
Makharadze, V. - On the possibility of combining production processes of blister and anode copper in one installation. p. 12.
Orakchyan, L., Grigor'yan, Kh. - Method of reclamation of industrial waste waters in carbamide resin production. p. 15.
Varianian, L. - Some problems of energy balance in metal cutting. p. 15.
Atrapiash, G., Oskanian, Zh., Aramatsian, R. - Neutralizing and utilization of industrial waste gases containing sulfur. p. 20.
Axtarian, P., Opasinskiy, I.U. - New design of layer insulation. p. 21.
Bakonyan'skiy, L., Tatarskiy, S., Polod, V. - Comparative investigation of wear resistance of ZhChKhKhZ-T-1 and ZhChKhKhZ steels. p. 24.
Valentian, M. - Possibilities of regulating the Krivna gas reservoir. p. 25.
Barnashina, A., Kurikyan, A., Agabekian, M. - Utilization of boron acid. p. 28.
Problem of pyro-metallurgy copper production. p. 31.
Alaverdian, V. - Chief engineer of the firm. p. 32.
Marikyan, K., Shachian, G. - Mining exploration system at the Krivna deposit. p. 34.
Tatarskiy, P. - Concentration of production in the milk industry. p. 38.
Avakian, M., Khorenian, G. - Mechanization in shipping building stone. p. 40.
Tatarskiy, P., Avakian, T. - Wide berth should be given to diatomite. p. 42.
Khachaturian, M. - The chemical industry; how should it be further developed. p. 44.
Nemarov, A., Shaghai, S. - High-rise construction in seismic regions. p. 46.
Danonov, B. - Use of prefabricated reinforced-concrete pitched roofs in residential construction. p. 46.
Sakina, V., Akopyan, A. - Heat-resistant light-weight concrete with volcanic slag. p. 50.
Arakchyan, G. - VL-35-100 by intermediate reinforced concrete supports with light-weight fillers. p. 52.
Aramian, P. - Effect of operating conditions of motor vehicles on air pollution in the city of Yerevan. p. 52.
Agabekian, R. - Selection of an effective geometric design for cutting tools. p. 52.
Shuprovskiy, S., and others. - Effect of thermomechanical parameters in forging on the quality of disks made of chrome-nickel-tungsten steel. p. 56.
Axtarian, R., Mamchik, I.U. - Using frequency speed control in rotation of electric motors. p. 57.
Laptev, G. - Progress, business contacts. p. 57.
Agabekchyan, E. - Attention should be centered on the quality of production. p. 59.
Move from plants, factories, construction sites. p. 71.
On the meridians of science and technology. p. 72.
In the Academy of Sciences of the Armenian S.S.R. p. 74.
Malbadian, - For the expanded electrical industry. p. 76.
Dzhambakian, M. - Contribution of mathematics in production. p. 80.
Mazharian, I. - Contribution of geology in the national economy. p. 82.
Fedorenko, N. - Prominent man of science and industry. p. 84.
Dzhambak, Z. - Fight against industrial noise. p. 87.
- Vol. 12, no. 10, 1968.
Table of contents translated:
Ovchinnikov, M. - Vorotan is a powerful river. p. 2.
Nagharadze, G. - Creators of electric machinery. p. 6.
"Metalurgy" Pavilion. p. 11.
Barnachian, G., Tatarskiy, R. - Preconditions and opportunities of constructing pumped storage hydroelectric plants in Armenia. p. 15.
Bakshina, A., and others. - New construction material based on tuff wastes. p. 17.
Zakarian, V. - Preparation of the accelerated reliability testing method for power transformers. p. 20.
Aramatsian, A., Voskanyan, A., Kristoschian, V. - Chromatographic method of chloroprene analysis. p. 23.
Mazharian, A. - Development of a recording signal in independently coupled control systems. p. 25.
- Novosibirsk, I.U. - Automatic mixing control of ground production in rice pulp. p. 27.
Marikyan, L., Oskanian, I.U. - Study of machining indices of head-ground power saws. p. 29.
Khachaturian, G., Tatarskiy, T., Khachaturian, A. - Problems of efficient use of vulcanite. p. 32.
Petrosian, V. - Economic situation (Index). p. 34.
Arakchyan, V. - Once more on cooperation and specialization in the production of parts. p. 34.
Kazarian, R. - Use of programmed command apparatus. p. 38.
Zarifian, V. - Relationship of production and warehouse stocks. p. 40.
Kurikyan, V. - Optimum capacity of jointly operating atomic power plants and pumping storage hydroelectric power plants. p. 42.
Tatarskiy, M. - Where we agree with professor Veltmanov. p. 42.
Danonov, B. - Using pre-cast reinforced concrete structures in combined arched roofing. p. 44.
Akopyan, A., Khachaturian, T. - Concentration of fillers for light concrete. p. 48.
Kurikyan, A., Kurikyan, A. - Light concrete with natural fillers used in the construction of tunnels for hydroelectric power plants. p. 48.
Agabekian, R. - Abrasive machining of hardened steels. p. 52.
Mamchik, S. - Wear of parts in electrical actuating mechanisms. p. 54.
Oskanian, R. - Coefficient of friction in vibrational mode of cutting. p. 57.
Voropai, B., and others. - Micro-plasma welding of thin-wall parts made of aluminum and its alloys. p. 59.
Avtandiyev, S. - Efficient method of abrading porous stone materials. p. 61.
Abramov, M. - Reprocessing of converter slags. p. 63.
Agabekian, L. - Automatic grading control in a raw material stream. p. 63.
Khachaturian, A. - Operational method of determining the rigidity of lake units. p. 65.
Kants, I.U. - Biography of welding. p. 68.
New applications for plastic materials in construction. p. 69.
News from plants, factories and construction sites. p. 70.
On the meridians of science and technology. p. 72.
Creative thinking. p. 74.
About everything for everybody. p. 77.
The present and future of plasma. p. 79.
It has been made in Armenia. p. 81.
- REFERATIVNYI KHURNAL: METROLOGIYA I TEMERITEL'NAYA TEKHNIKA (Otdel'nyi vypusk 22) [JOURNAL OF ABSTRACTS: METROLOGY AND THERMOMETRIC TECHNIQUES (Separate Issue 22)].** Issued by Institut naukov informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1968.
- REFERATIVNYI KHURNAL: NAUCHNAYA I TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ (Otdel'nyi vypusk 16) [JOURNAL OF ABSTRACTS: SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 16)].** Issued by Institut naukov informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12, Nov. - Dec. 1968.
- STANDARTY I KACHESTVO (STANDARDS AND QUALITY).** Issued by Komitet standartov, mer i ispravleniy pribyorov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 22, no. 10, Oct. 1968.
Table of contents translated:
Practical cooperation. p. 2.
Orlovskiy, Bogdan. - Improving the preparation of production through industrial standardization. p. 6.
Orlovskiy, Edward. - Effect of standards on organization and quality of production. p. 12.
Tatarskiy, V.V., Kurikyan, R

REFRATIVNYI KHURNAL: RAKETOSTROENIE (Optical Journal: Rocket Building) [Separate Issue 41]. Issued by Institut naukovykh informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1968.

REFRATIVNYI KHURNAL: VOZDUSHNYI TRANSPORT (Journal of Abstracts: Air Transportation). Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12, Dec. 1968.

CHEMICAL TECHNOLOGY

GAZOVAYA PROMYSHLENNOST' (GAS INDUSTRY)

Organ of Ministerstvo gazovoi promyshlennosti [Ministry for the Gas Industry] and others. Moscow, vol. 15, no. 8, June 1968.

Table of contents translated:
Savobrin, V. P., Plotnikov, A. A. - Characteristics of the formation and distribution of multicomponent gas fields in the Volga Valley portion of Volgograd and Saratov Provinces. p. 1.
Shestakov, B. V., Leonov, E. G., Malenkov, V. D. - Formation of a gas during the pressure in the well of a batch of gassy drilling mud. p. 5.
Kalinin, M. S., Zaitsev, I. A. - Experience in operating GT-750-8 gas-turbine units. p. 8.
Astarov, V. I., Akilov, S. B. - Determining the flow of combustion products through the GT-750-8 gas turbine unit. p. 11.
Dokhla, I. K. - Calculating the load of an underwater gas pipeline. p. 12.
Korotkiy, V. A. - Trouble shooter truck for servicing gas pipelines. p. 18.
Rishin, M. I., Gribitsky, I. A., Troshin, A. K. - Testing a jet evaporator of liquefied gases. p. 17.
Gribitsky, I. A., and others. - Automatic systems for gas-operated heating boilers. p. 19.
Fokor, I. K. - Improving the design of hydraulic safety valves of gas-distributive stations. p. 23.
Hryk, I. U., Puzovskiy, A. U. - Studying a shock-injection device for gas rock-cracking furnaces. p. 24.
Mansel, P. P. - Study and adjustment of heat-treated furnaces operated with gaseous fuel. p. 25.
Stoliar, A. M. - Experience in adjusting sectional furnaces for the heat treatment of electrically welded pipes. p. 27.
Venodtsov, A. V., Mikhov, V. P. - Injection burners with an active airflow for industrial units. p. 35.
Dvorkin, A. D., Obolomov, N. V., Ustalandovich, O. A. - Effect of flow speed on heat conduction during the condensation of propane vapors. p. 39.
Layrov, N. V., Krivonoz, B. F. - Normal combustion speeds of rich methane-oxygen and methane-air mixtures. p. 43.
Kondratov, V. K. - All-Union seminar on the use of gas in agriculture. p. 45.
Gutov, A. - Fifth session of the working group of the Committee on the use of the European Economic Commission of the United Nations. p. 48.

KHIMICHESKOE MASHINOSTROENIE (CHEMICAL MACHINERY MANUFACTURE)

Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Kiev, no. 8, 1968.

Table of contents translated:
Rylov, A. V. - Interrelationship of charging with different working profiles of blades in ball grinding mills. p. 3.
Mironov, L. I., Orbenkov, M. G., Lokshin, M. A. - Calculating basic parameters of contact seals operating under conditions of combined friction. p. 11.
Rylov, A. V. - Interrelationship of the charge with a smooth lining of ball grinding mills. p. 17.
Rishin, D. D. - Method of calculating roller bearings for processing polymer materials. p. 24.
Khar'ukhina, E. D. - Polymer filtering sleeves for centrifugal machines. p. 28.
Medvedev, V. A. - Construction of surfaces of the second, third, and higher orders. p. 41.
Ikhov, O. M., Pishchikov, I. A. - Energy equation in motion of non-Newton fluids. p. 44.
Pishchikov, I. A. - Determining the magnitude of hydraulic constrictions in the operational field of gravitation and centrifugal forces. p. 54.
Krasovskiy, B. A. - Measuring velocity fields in cross sections of the blowout part of spinning shafts. p. 71.
Fedotkin, I. M., Medvedev, M. M. - Investigating relative phase motion during the flow of mixtures with air in pipes of different coarseness. p. 75.
Lokshin, M. A., Malozvetki, V. V. - Processing experimental data concerning the cooling of products made of polymer materials under similarity criteria. p. 80.
Pechkov, A. D., Lukach, I. U. - Study of the basic parameters of high-speed screw presses. p. 81.
Chernobyl'skiy, I. Y., and others. - Investigating the operation of a high-pressure piezoelectric motor with electrification of drops. p. 87.
Mest-Rudobenko, D. E., Popov, V. D. - Effect of low-frequency vibrations on heat and mass exchange in highly viscous media. p. 90.
Mironov, A. M., Salasik, O. K. - Some problems

of heat transfer and hydrodynamics of a rotor-type thin-film apparatus. p. 93.

Dmitriyev, V. I. - Heat transfer of a radiating and absorbing half-transparent fluid under free convection conditions. p. 94.
Kuznetsov, M. D., Kuznetsov, E. R. - Determining the absorption resistance of the gas and liquid phases. p. 100.
Kuznetsov, M. D., Kuznetsov, E. R. - Determining the dimensions of absorption apparatus on the basis of laboratory testing data. p. 104.
Popov, V. D., Tregub, V. G. - Crystallization kinetics from solutions in evaporators and crystallizers with cooling. p. 114.
Berezhik, G. I. - Basic principles of filtering viscous through porous ceramics. p. 125.
Chelidze, S. G., Lashin, R. I. A. - Mathematical description of a continuous ion exchange process as an automation objective. p. 130.
Iakovlev, B. A. - Investigating voltage losses in first-order conductors of horizontal mercury electrofilters and methods of decreasing them. p. 145.
Shvachko, B. E. - Automatic temperature regulation of screw presses for processing of polymers. p. 150.
Chelidze, S. G., Bondar', D. P. - Distance-type resetting of the regulator in RMD electronic automatic bridges. p. 154.

KHOLODIL'NAYA TEKHNIKA (REFRIGERATION ENGINEERING)

Vsesoyuznyi nauchno-issledovatel'skiy institut kholodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry] Moscow, vol. 45, no. 10, Oct. 1968.

Table of contents translated:
Dankov, B. V., Kurpis, E. E. - Prospects for expanding the use of air conditioning in industrial and public buildings. p. 1.
Pavlov, R. V. - Refrigeration supply to central systems of air conditioning. p. 4.
Rosenfeld, L. M., and others. - Air conditioning in the Leningrad "Dobro utro" Concert Hall. p. 11.
Baranov, M. A., and others. - Local thermoelectric air conditioner. p. 14.
Krishtal, E. D. - New self-contained ship air conditioner. p. 20.
Mamonov, B. V., Sazonov, G. I., Krasov, S. M. - Air conditioning of a passenger motorship with underwater wings. p. 24.
Davydov, I. U., Medvedev, B. V., Gushchikov, G. M. - Automatic control of air parameters in cheese storerooms. p. 30.
Koskova, G. S. - Ice producers for vessels of the fishing industry. p. 32.
Davydov, I. U. - Unit for remote measuring, recording and control of relative air humidity. p. 37.
Sobolov, V. E., Usenko, V. G. - Semi-automatic unit for testing of household compressor refrigerators. p. 39.
Falkovich, I. A. D. - New brand of quick-freeze fruit pores. p. 41.
Safety rules in ammonia refrigerating plants. Part 2. p. 42.
Gerasimova, T. I. - Control weighing of meat. p. 44.
Scientific-Technical Conference on Air Conditioning in Industrial and Public Buildings. p. 51.
Mavri, V. M. - Reports presented to the 7th Commission of the IIR International Congress on Refrigeration. p. 54.
Kashubov, M. K. - Air-conditioning unit on a Japanese pleasure vessel. p. 57.
Chelidze, S. G. - New air conditioners for use on cranes. p. 58.

KOCHI KHIMIA (COKE AND CHEMISTRY). Organ of Gosudarstvennyi komitet po chemii i tverdogo topliva pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, no. 11, 1968.

Table of contents translated:
Agrestin, A. A., and others. - Thermal properties of certain coals of the East. p. 1.
Bakov, V. V. - Evaluating the quality of coal concentrates. p. 7.
Dobin, L. P., Vinogradov, M. A. - Effect of the pH value of circulating water in mineral dressing plants on dewatering processes. p. 10.
Mamonov, A. I., and others. - Problems of controlling hydraulic conditions of coke ovens. p. 12.
Kalinov, K. I. - Thermal conditions of a coke-oven bank and the arrangement by series of the drawing of coke open for discussion. p. 18.
Litvinenko, M. E., Shelkov, A. K. - Prospects for the production of coke by-products. p. 27.
Karinitskiy, L. E., and others. - Separation of cyclopentadiene from the waste fraction of crude benzene. p. 39.
Kollander, L. I. A., and others. - Treatment of distillation residues. p. 54.
Gerasimov, N. A., and others. - Composition of impurities in phenolates. p. 79.
Pavlov, M. K., and others. - Recovery in coke by-products. p. 83.

Therav, M. K., and others. - From the rostrum of the all-Union conference of coke industry workers. p. 48.

Dobnerberger, O. G., Gofman, M. E. - Dust formation under the impact of horizontal crushers. p. 49.
Tikhonov, N. F., and others. - Equipment for controlling the filling of silos. p. 55.
Solov'ev, V. P., Mestkin, E. S. - Using induction consumption gauges for liquid coal tar pitch. p. 57.
Lafay, V. A. - At the Scientific Council on the problem "New Processes in the Coke and Coke Chemical Industry." p. 60.
Hoor, B. - Coke and coke chemicals at the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 61.

MEFTKHIKHA [PETROCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 9, Nov.-Dec. 1968.

Table of contents translated:
Liberman, A. I., Furman, D. B. - Frontal variant of the thiocresol method for isolating stereoisomeric dialkylcyclohexanes. p. 81.
Bagrit, E. L., and others. - Stereochemistry of methylcyclo(4,4,0)heptenes. p. 83.
Bolskov, M. I. A., Gontsberg, M. G. - Study of thermal destructive hydrogenation of diphenyl. p. 85.
Bolskov, M. I. A., Gontsberg, M. G. - Equilibrium of the reaction of destructive hydrogenation of diphenyl. p. 85.
Berezhnikov, B. R., Akimova, L. S., Dalin, M. A. - Oxidative dehydrogenation of α -butenes on $(\text{HfO}_2)_2\text{MoO}_4$ and $\text{Hf}_2(\text{MoO}_4)_3$ catalysts. p. 89.
Usov, I. U. R., Svyatoslava, E. V., Valashin, M. G. - Oxidative dehydrogenation of isoprenes on phosphoric acid catalysts. p. 94.
Aliev, R. B., and others. - Chromatographic study of the kinetics of oxidative dehydrogenation of isoprenes on a bimetal-molybdenum catalyst. p. 97.
Kuznetsov, I. I., Mironov, T. B. - Alkylation of benzene with propylene on boron fluoride adsorbed by alumina. p. 99.
Volkov, R. M., Popova, G. I. - Alkylation of α -xylene with propylene and isopropyl alcohol. p. 104.
Kushchikov, V. V., Anisimov, T. V. - Kinetic regulation in the cracking reaction on fluorinated alumina and hydrocarides in a pulse regime. p. 107.
Pavlovskiy, A. D., Petrov, A. A. - Structures of hydrocarbons obtained from fatty acids. p. 107.
Mashkov, G. D., and others. - Some syntheses based on 2-methyl-2-pentene-4-ol. p. 107.
Solov'ev, A. V., Shtrova, A. L. - Studying reaction products of propylene oxidation in a solution of acetone and benzene. p. 108.
Saratov, I. E., and others. - Liquid-phase air oxidation of tetralin at high temperatures in the presence of bivalent manganese salts. p. 109.
Pobedonova, E. M., and others. - Mechanical strengthening of a bimetal-molybdenum catalyst for oxidative ammoxidation of propylene. p. 109.
Markov, I. U. A., Rabinovich, I. A., Krein, B. E. - Studying the association of aromatic hydrocarbons by the cryoscopic method. p. 109.
Gerasimov, V. A., Shvachko, E. M. - Dielectric permeability as a factor determining the separation in gas chromatography. p. 109.
Davydov, M. I. - Structure of pores and skeleton of inorganic carriers for gas chromatography. p. 113.
Vipper, A. B., Krein, B. E., Basmann, V. M. - Effect of the concentration of additives on their solubilizing capacity. p. 113.
Nikolai Ivanovich Shchukin; obituary. p. 117.

STIKLO I KERAMIKA (GLASS AND CERAMICS)

Issued by Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov pri Gosplane SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.]. Moscow, vol. 24, no. 1, Jan. 1967.

Table of contents translated:
Tasks facing the glass and ceramic industries in 1967. p. 1.
New developments in the glass heat engineering. p. 4.
Gerasimova, L. G., and others. - Experience gained in measuring mass and electrical glass making. p. 5.
Kudman, V. M. - Analytical method of determining the electric resistance of glass. p. 11.
Petrov, L. E., and others. - Heat exchange in molten glass when insulating and contact burning. p. 12.
Kabanov, M. P. - Shielding of tank furnaces reducing heat losses and improving working conditions. p. 17.
Maso, E. E., Izdo, E. E., IAKimovich, V. I. - New composition of opal glass for lighting engineering. p. 18.
Akhmetova, M. E., Khramov, V. E. - Influence of quartz glass defects and surface defects in quartz fiber forming on its strength. p. 22.
Borodai, F. I. A., Kharachko, M. I. - On the most widespread imperfections in optical vacuum compressed quartz glass. p. 26.
Bekasov, G. A. - Single firing of glazed facing tiles. p. 28.

- Oshchepov, A. M. - Some improvements of tunnel kilns for stabilizing the firing process of insulator porcelain. p. 30.
- Orsk, B. M., Baranetskiy, P. I. - High-speed drying of small-size facade tiles. p. 31.
- Shelkin, E. I., Belostotskiy, M. S. - Influence of technological parameters on the qualitative characteristics of ceramic products manufactured by the hydrostatic pressing method. p. 32.
- Kala, M. E. - Powder method in manufacturing mosaic glass tiles. p. 34.
- Khashtanova, P. F. - Automatic batching of the molding powder for the manufacture of engobes. p. 42.
- Servitskiy, I. I. - Preparations for work under the new conditions of planning and economic stimulation. p. 41.
- The First Five Year Plan of the Ukrainian Porcelain Trust. p. 42.
- Bibliography. p. 47.

TEORETICHESKIE OSNOVY KHIMICHESKOY TEKHNOLOGII [FUNDAMENTALS OF CHEMICAL TECHNOLOGY]
 Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 8, Nov. - Dec. 1968.

- Table of contents translated:
- Orsk, B. M., Baranetskiy, P. I. - Evaluating the methods for representing multicomponent mixtures as pseudobinary ones. p. 225.
- Dyakov, I. I., Bratkovskiy, M. S. - Some problems of absorption of CO_2 by water in a film flow. p. 245.
- Rozin, A. M., Demchenko, A. L. - Mass transfer in single drops. p. 240.
- Stratov, I. V., Zel'vinskii, I. D., Zhavoronkov, M. M. - Equations of the nonstationary rectification process with complete reflux and with periodic withdrawal from the reboiler. p. 263.
- Korotkiy, L. A., Shchegolev, I. I., Zel'tsev, M. V. - Kinetics of water-vapor adsorption on granulated zeolites. p. 260.
- Barabko, V. V. - Microkinetic characterization of heterogeneous catalytic reactions decelerated by conversion products, and occurring on porous catalyst grains. p. 275.
- Orsk, B. M., Koshkov, M. D., Vorob'ev, E. S. - Structure and stability of a spouting fluid bed in conical apparatuses. p. 279.
- Galkin, O. A., and others. - Studying the statistical characteristics of solid-phase motion in a spouting fluid bed. p. 284.
- Pukhalov, V. M., Bumbakov, A. P. - Studying some statistical properties of a fluidized bed. p. 284.
- Stratov, I. V., Blinchev, V. M. - Regularities of absorption of wet materials during their treatment in a fluidized bed. p. 297.
- Gorshkov, V. I., Popov, B. G., Vorob'ev, V. M. - Electrokinetic losses in pneumatic-conveyer pipes. p. 303.
- Kashkov, V. V., Klipinsker, V. A. - Biocatalytic need of a cascade of imperfect enzymes. p. 302.
- Thran, V. M., Arslanov, V. A., Shabakov, V. M. - Comparing hydrodynamic characteristics of scale plates of various sizes. p. 314.
- Bogdanov, A. M., Shchegolev, T. S. - Calculating the compressibility factor of gases and gas mixtures by digital computers. p. 320.
- Korotkiy, L. A., Loshkov, V. A., Malozov, V. A. - Vapor-phase mass transfer in film rectification. Laminar vapor flow. p. 321.
- Malozov, V. A., Koshkov, V. V., Borisov, V. V. - Separation of mixtures by the column crystallization method. p. 323.
- Korotkiy, L. A., Pukhalov, V. M. - Liquid-liquid extraction in the ternary regime. p. 334.
- Baryina, I. A., Berka, L. A. - Kinetics of phase interaction in a moving bed of granular material during exothermal reactions in the thermal regime. p. 344.
- Kolov, M. M. - Seminar on the problem "Theoretical fundamentals of chemical technology." p. 344.

VSEKONNOYE NAUCHNO-ISLEDOVATELSKOE INSTITUT FERMENTATSIONNOY I SPIRTOVOY PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE FERMENTATION AND DISTILLING INDUSTRY. Transactions]. Moscow, no. 16, 1968.

- Table of contents translated:
- Shchegolev, M. S. - Technological system of amylase sorption by silica gel. p. 3.
- Mironov, M. S. - Use of sodium pyrometate in the production of fermentation preparations. p. 7.
- Belitskiy, V. I., Belya, S. N. - Transglycosylase enzymes in cultures of mold fungi. p. 10.
- Dobrynskiy, G. M., Rodkevich, V. I. - Separation of glucosylase of *Aspergillus niger* from transglucosylase. p. 12.
- Rodkevich, V. I., Chernomora, T. A. - Effect of proteolytic enzymes of *Aspergillus niger* on p. 14.
- Kolov, M. M. - Effect of temperature and moisture on the thermophysical characteristics of raw materials and semifinished products of the distilling industry. p. 20.
- Galperin, L. I., Galova, A. A. - Growing of mold fungus cultures in the moving bed of the culture medium. p. 27.
- Kolov, M. M. - Characteristics of wheat bread radiation sterilization. p. 31.

- Galperin, L. I., Rybakov, M. V., Mamonov, L. P. - Studying the process of vibration conveying of culture media. p. 41.
- Kolov, M. M., Ovcharov, A. K. - Effect of amino acids on the mutant growth of *Aspergillus niger* 3786/48 and the formation of active dextrinase by it. p. 48.
- Gendina, S. B. - Use of ultraviolet rays and ethylamine in the selection. p. 52.
- Gendina, S. B. - Use of ultraviolet rays and ethylamine in the selection of *Aspergillus* producing amylolytic enzymes. p. 55.
- Volkarskiy, V. V. - Determining the activity of lipase in cultures of mold fungi. p. 54.
- Belitskiy, G. M., Lisova, Z. A. - Colorimetric method of determining carboxylates in brew and the surface culture of mold fungi. p. 58.
- Korotkiy, L. A., Shchegolev, T. V. - Comparing the activity of amylolytic enzymes in various species of mold fungi at suboptimal cultivation. p. 73.
- Kashkov, M. V., Koshkov, V. V. - Use of fermentation preparations in poultry breeding. p. 75.
- Dmitriy, T. P., Orsk, B. M., Shchegolev, T. V. - Preservation and standardization of fermentation preparations. p. 80.
- Volkarskiy, V. V. - Fat decomposition by some *Aspergillus*. p. 90.
- Podkurnov, G. M. - Automatic optimization of the process of continuous cooking of starchy materials. p. 92.
- Prasolov, V. B., Vasil'ev, G. M. - Use of distillery stillage for the production of biocatalysts. p. 90.
- Orsk, B. M., Galova, A. V. - Determination of the activity of activated carbon in the production of vodka. p. 106.
- Malozov, V. V., Koshkov, V. A. - Effect of some factors on the activation of the biocatalysts of biocatalysis by benzylalcohols. p. 110.
- Orsk, B. M. - Change in the optical density of alcohol-water solutions depending on the strength of alcohol. p. 114.
- Vladimirova, A. A. - Economic efficiency of using vitamin D in livestock rearing. p. 120.
- Keggin, V. T., Norgumova, M. S. - Rates of the increase of labor productivity in the liquor and vodka industry of the U.S.S.R. p. 121.
- Kashkov, M. V. - Complete use of distillery wastes. p. 127.
- Grechinskaya, O. K. - Present world production of ethyl alcohol. p. 134.
- Ustunlikov, B. A., Pytkova, S. V., Lashova, A. M. - Fermentation hydrolysis of starch in the production of alcohol from starchy raw materials. p. 138.

KHIMIALNAYA PRIKLADNOY KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 36, no. 8, Aug. 1968.

- Table of contents translated:
- Algov, U. - Evaluation of the quality of raw material and production of rosin cement from it. p. 143.
- Arshinov, O. I., Chirskova, A. A. - Study of phase composition of bovine tallow products. p. 143.
- Kashkov, M. V., Mikhlin, A. S. - Thermodynamic analysis of reduction reactions of calcium and magnesium oxides by silicon. p. 144.
- Bravlev, T. T., Ponomarev, M. M. - Structural viscosity of alkaline solutions and pulp of red wood. p. 149.
- Bombardier, M. A., Jasso, R. E., Melnik, M. T. - Decolorization of manganese glass. p. 149.
- Alkova, L. I., Rogova, T. I. - Interaction of sodium salts with sodium sulfide. p. 170.
- Savitskiy, G. V., Litvin, M. D. - Preparation of gallium nitride. p. 172.
- Kashkov, M. V., Chirskova, A. A. - Interaction of silicon with some carbonates during heating. p. 184.
- Meisner, L. M. - Crystallization with priming in the system $\text{NaNO}_3 - \text{H}_2\text{O}$ at different rates of solution cooling. p. 189.
- Zhelezov, A. I., and others. - Sorption of uranium (VI) by sulfonated ion-exchangers. p. 190.
- Dobrynskiy, G. M., Malozov, V. V. - Kinetics of exothermic leaching of chloropyrite. p. 193.
- Rodkov, A. I., Radikovskiy, V. M. - Mass transfer through liquid phase on a grid plate in the presence of the surface active agents. p. 196.
- Basch, L. S., and others. - Extraction of H_2S from liquefied propane-propylene fraction by K_2CO_3 solution in countercurrent columns. p. 198.
- Kuznetsov, I. M., Galova, A. V., Lashova, A. M. - Derivation of calculating formulas for determining power consumption on atomization of liquids using centrifugal sprayers. p. 199.
- Galperin, L. I., Koshkov, V. V. - Calculation and modeling of chemical reactors for exothermic processes. p. 199.
- Bromskaya, B. I. - Method for evaluating the weight of counter-current packed and plate columns in the processes of selective dissolution of two-component dispersed phase. p. 199.
- Vladimirova, M. G., Mikhlin, A. S. - Seals formation on iron-steel alloys in atmospheric air at high temperatures. p. 194.
- Tkov, V. K., Makarov, R. P. - Carbonization of iron and steel by the method of vaporization of aluminum under vacuum. p. 194.
- Ulanovskiy, I. B., Korovin, I. M. - Effect of oxygen concentration on the hardening of deterioration in narrow oxygen. p. 195.
- Atsukh, T. B., and others. - Effect of organic coatings on electrochemical behavior of iron. p. 195.
- Koshkov, V. V., Daryova, V. G. - Iron corrosion in alloys containing boron and chlorine of alkali metals and calcium. p. 195.
- Andreeva, V. V., Glinkova, A. L. - Corrosion resistance and electrochemical properties of titanium, titanium, and alloys of the system titanium - titanium in sulfuric acid solutions. p. 177.
- Glinkova, A. L., Andreeva, V. V. - Corrosion and electrochemical behavior of titanium - titanium, and alloys of titanium in phosphoric and nitric acid solutions. p. 177.
- Koshkov, V. V., Chirskova, A. A. - Study of anodic oxidation of graphite. p. 178.
- Orsk, B. M., Popov, S. I., Kogan, V. A. - Effect of adsorption conditions on the kinetics of a contact displacement of copper by iron from a sulfate ammonium electrolyte. p. 1701.
- Bashkova, L. F., Korotkiy, P. M. - Consumption of small amounts of copper from indium sulfate electrolytes by metallic indium. p. 1787.
- Sosnovskiy, G. M. - Intensified method for the electroanalysis of cadmium. p. 1841.
- Sosnovskiy, G. M., and others. - Composition and properties of cathode film formed in the electroanalysis of aluminum. p. 1845.
- Skolobov, M. F. - Acting surface of the electroanalysis of a lead storage battery. p. 1845.
- Laine, A. I., Koshkov, M. A. - Removal of iron and other impurities from beryllium sulfate solutions by electrolysis with porous cathodes. p. 1816.
- W. M. Zharov, Zharov, T., Rogovin, P. A. - Synthesis of cellulose esters with methylphenylphosphonic acid. p. 1820.
- Galkin, O. A., Chirskova, A. A., Rogovin, P. A. - Development of a new method for the preparation of colored acetylcellulose and acetate fiber. p. 1820.
- Lavrikov, V. A., Karpov, V. V., Krotov, A. M. - Nitrophenylamine derivatives in dyeing acetate silk and synthetic fibers. p. 1821.
- Mikhlin, L. M., Koshkov, O. I., Karpov, M. N. - Study of the analogs of acid ester- and esterification dyes containing large alkyl radicals. p. 1827.
- Savitskiy, G. V., Koshkov, V. V. - Interaction of urea with ammonium salts in the presence of silicon gel. p. 1828.
- Korotkiy, L. A., Galova, A. V., Lashova, A. M. - Separation from solutions of ethylenediamine: other acid in order to regenerate it. p. 1846.
- Stepanov, S. I., Koshkov, V. V., K. D. - Corrosion of steels and nickel-chromium alloys in the mixtures of fused chlorides. p. 1846.
- Koshkov, V. V., Vol'fson, A. I. - Ion exchange chromatographic synthesis of some quaternary ammonium bases. p. 1855.
- Savitskiy, G. V., Zharov, P. A. - Synthesis of α -nitrophenylamines. p. 1857.
- Berg, L. I., and others. - Fine purification of ethylene by removing acetylene impurities. p. 1859.
- Volkarskiy, V. V., and others. - Modification of polytetrafluoroethylene. p. 1859.
- Balashov, M. V., Zhdanov, K. S., Prudnikovskiy, N. A. - Synthesis of 2-methyl-3-allyl-4-methoxymethyl-5-oxo-8-oxalopyrrolone. p. 1864.
- Krotov, A. M., Chirskova, A. A. - Qualitative determination of fluorine in an industrial product. p. 1868.
- Pedrov, I. V. - Effect of the addition of triphenylamine on electrolytic thin-plating of silver. p. 1867.
- Alkova, L. I., Shchegolev, T. S. - Structure of radiation polymer of piperidine. p. 1870.
- Zykova, S. K., Koshkov, V. V. - Oxidation of 3,6-diacetyl-4-methylphenol (resorcinol) in melt. p. 1871.

Vol. 41, no. 4, Apr. 1968.

- Table of contents translated:
- Markovskiy, L. A., Galova, A. V. - Study of the composition and thermal resistance of lanthanum oxides. p. 603.
- Galkin, O. A., Koshkov, V. V., Koshkovskiy, A. I. - Obtaining elementary sulfur S_8 of high specific activity. p. 603.
- Treshchinskiy, L. A., Poma, M. E., Ponomarev, V. I. - Method of calculating conditions of equilibrium and reaction of nitrogen oxides with nitric acid solutions. p. 702.
- Oshchepov, A. M., Koshkov, V. V. - Through purification of titanium by redoxification. p. 702.
- Galk, S. H., and others. - Removal of nitrogen oxides, sulfur dioxide and sulfuric acid mist and sprays from exhaust gases using post-alkali sorbents under plant conditions. p. 720.
- Kotov, A. M., and others. - Dry lime method of removing sulfuric acid and anhydride from heat and power plant fuel gases. p. 720.
- Kotov, A. M., Chelapovskiy, M. L. - Systems $\text{MgHPO}_4 \cdot \text{H}_2\text{O} - \text{MgCl}_2 - \text{H}_2\text{O}$. p. 720.
- Shchegolev, V. A., and others. - Decoloration of lycra obtained in electrochemical production of sodium chlorate. p. 724.
- Delmas, R. K., and others. - Behavior of nickel and platinum in alkali melts. p. 741.
- Andreeva, V. V., Koshkov, V. V., Alkova, L. I. - Oxidation of alloys of the system titanium - titanium in nitric acid. p. 744.
- Savitskiy, G. V., and others. - Mechanism of exothermic reaction of isopropylalcohols in electrolysis. p. 743.
- Morshchinskii, A. G., Berdakovskiy, M. L. - Study of a melting diagram of the binary reciprocal systems $\text{K}_2\text{MgO} - \text{CaO}$. p. 759.
- Koshkov, T. A., Vostokov, V. M. - Chronopotentiometric method of determining salts of weak bases containing nitrogen. p. 764.

Sarkisov, V. K. - Dynamics of ion exchange sorption of mixed bed with cation exchanger in a salt form. p. 744.

Dobryshin, D. P., and others. - Modeling of regeneration process of an aluminum chloride cracking catalyst in an industrial reactor during replacement of catalyst and change of the reactor design. p. 773.

Artsik, B. I. - Determination of heat of formation of a series of compounds by a quantitative thermal analysis. p. 783.

Tubokhin, A. F., Makhlenov, L. P., Todorikina, E. B. - Description of gases of average solubility under forming conditions. p. 787.

Meislov, V. A., Loner, V. D., Danilova, V. A. - Measurement of specific surface area of powders by Potentiometric component of air permeability. p. 794.

Gastovskii, M. V., Abramson, A. A., Frank, G. T. - Some regularities of spontaneous surface convection during extraction in the liquid-liquid system. p. 803.

Popova, L. M., and others. - Use of the Benedict, Webb, and Rubin method to calculate phase equilibria of multicomponent mixtures. p. 811.

Mel'nikov, B. G. - Control calculation of the separation of multicomponent mixtures in a rectifying column. p. 818.

Bronskikh, B. L., Kheisenzik, A. S. - Mass transfer accompanied by fast proceeding chemical reaction in the absence of mixing in phases. p. 822.

Zhelezniak, A. S. - Optimum distance between plates in extraction columns. p. 822.

Kocherzhevskiy, V. I., Kiselev, G. M., Kocherzhevskiy, M. M. - Equilibria between liquid and vapor in the system ammonia - carbon dioxide - water at pressures up to 50 at. and temperatures from 100 to 160°. p. 832.

Viktorov, I. G., Markovskiy, A. M., Smirnov, M. P. - Calculation of isothermal liquid-vapor equilibria in the four component system ethanol - chloroform - acetone - benzene. p. 834.

Lestokhin, M. V., Molodtsov, P. I., Orlinskaya, O. V. - Rectification processes in the system carbon tetrachloride - benzene - butyl acetate. p. 836.

Bardyshev, L. I., Bazylik, V. V. - Isomerization of 8-oxane under the effect of $AlCl_3$ catalyzed by $AlCl_3$. p. 836.

Aliev, K. M., Gol'tsina, B. M., Rostovskiy, E. N. - Purification of technical acrylamide by the ion exchange method. p. 840.

Razuvayevskiy, S. D. - Oxidation of tetralene by oxygen in the liquid phase. p. 843.

Mironov, G. M., Babin, V. D., Farberov, M. I. - Some derivatives of triethylamine. p. 848.

Podgornova, V. A., and others. - Polarographic identification of intermediate products of the reaction of isobutylene and propylene with nitrogen tetroxide. p. 873.

Borisev, B. I., and others. - Change of properties of polyvinyl chloride film in underground conditions. p. 877.

Vasil'eva, M. A., Proskurnikov, V. A., Chislikov, A. N. - Phenanthrene oxidation by atmospheric oxygen in an aqueous - alkali medium. p. 883.

Proskurnikov, V. A., Solov'yevskiy, Z. V. - Synthesis of stable acid-based esters. p. 891.

Dzhebray, V. A., and others. - Synthesis and study of the properties of macromolecular carboxylic ion exchange resins with N,N'-alkylene dimethacrylamides as crosslinking agents. p. 894.

Shurkov, V. L., Lysanova, V. P. - Process of packing of cellulose by fractionation. p. 897.

Mitashov, A. A., and others. - Effect of conditions of acid and heat treatment of synthetic and natural basalt glass fibers on the texture of quartzoid fibers. p. 904.

Kharlamovskiy, G. D., Kadirbekova, R. I., Saitova, L. I. - Study of conditions for separating aluminum and iron in the production of crystalline ammonium phosphates from extraction phosphoric acid. p. 911.

Lashin, P. V., Krenin, M. I. - Separation of cellulosic hydroxylamines from mixed sodium - potassium alkali-aluminate solutions and their decomposition. p. 913.

Galitskiy, V. M., Fedorenko, G. A., Kodra, O. K. - Effect of some additions on oxidation of bivalent tin. p. 917.

Vil'ko, D. M., and others. - Change of some physicochemical properties in the system aluminum oxide-nitrogen oxide. p. 918.

Bokhova, G. A., Litvinova, G. M. - Volume ratios of salts of the system $MgCl_2 - KCl - 1/2H_2SO_4$. p. 921.

Vukobrat, A. F., and others. - Some physicochemical properties of the system cerium(III) lithium chloride. p. 926.

Skylov, L. D., Kalkina, L. M. - Electron microscope and electron diffraction study of soils of mixed ferromagnesians of heavy metals. p. 928.

4 CIVIL & CONSTRUCTION ENGINEERING

AVTOMOBIL'NYE DOROZHNI (HIGHWAYS). Issued by Gosudarstvennyy protoduktsionnyy komitet po transportu stroitel'stvo SSSR [State Production Committee of Construction for the Transportation Industry in the U.S.S.R.]. Moscow, vol. 2, no. 9 (32), Sep. 1963.

Vol. 2, no. 9 (32), Sep. 1963.

Table of contents translated:
Main roads in a businesslike manner. p. 1.
Ovchinnikov, L. - Road construction forecasts; hero of socialist labor. p. 2.

Andrianov, V. B., Kosharenko, V. L., Stankovskiy, V. A. - Road repair and maintenance service should be on the level of modern requirements. p. 3.

Karyshov, V. I. - Snow protection on the highways of White Russia. p. 4.

Boletskiy, A. E. - On the cement for the repair of bituminous pavements. p. 5.

Molodtsov, P. I., Todorikina, E. B. - Use of stone protection works. p. 6.

Lagutin, A. M. - Maintenance of avalanche galleries. p. 7.

Ishakov, A. A. - Protection of highways against avalanches. p. 8.

Viktorov, I. G., Litvinov, V. I., Pozdeev, V. A. - Traffic road on the highway of Latvia. p. 9.

Iglov, I. G., Sapozhnikov, I. K. - According to engineering charts. p. 10.

Ogryzko, V. M., Mironovskiy, G. M. - Marking pavements with chalk. p. 11.

Pandita, M. A. - Measuring pavement slipperiness. p. 12.

Karyshov, V. I., Skvortsov, I. A. - Choosing operational speed for snowplows. p. 13.

Sidman, V. M. - Construction of the subgrade in winter. p. 14.

Kaplanovskiy, V. E. - Operations of the seasonal road services in Siberia. p. 15.

Zhebray, G. K. - Efficient organization of transport in road construction. p. 16.

Kirpichnikov, R. P. - Scientific organization of engineering work. p. 17.

Vokresenskoy, T. P. - Technical and economic substantiation of a road network. p. 18.

Norikov, V. A. - Up to 20% of the economy of metal. p. 19.

Staritskiy, V. D. - Using emulsion for asphalt concrete. p. 20.

Tsvetkov, V. S., Liberman, M. A., Isakov, V. S. - Improving the quality of soil-cement mixtures. p. 21.

Makina, E. A. - Improving winter conditions of highways. p. 22.

Harshchik, I. A., Danilov, V. A. - Wear-resisting parts of asphalt mixtures. p. 23.

Egorov, A. A. - Use of colored concrete. p. 24.

Kuklev, A. A. - Low cost highways: The 19th International Highway Congress (to be concluded). p. 25.

Shifrin, V. A. - Traffic signs and pavement markings from light-reflecting materials. p. 26.

Vol. 2, no. 10 (33), Oct. 1963.

Table of contents translated:
Raise the technical level and economic efficiency of projected constructions. p. 1.

Zavetskii, B. V., Nekrasov, V. K. - Design standards should be adjusted to current requirements. p. 2.

Heizelshik, M. S. - Road and bridge widths. p. 3.

Lavrov, I. U. A. - Urgent problems of economic highway surveys. p. 4.

Krasov, K. I., and others. - Aerial photography in highway surveys. p. 5.

Ostapenko, V. P. - Present-day aerial methods in highway surveys. p. 6.

Valla, D. A. - Fixing slight distances of oncoming vehicles. p. 7.

Krylov, I. U. A., Almazhanov, K. R. - Right distance at interchanges at different levels. p. 8.

Aleksandrov, I. U. K. - Horizontal curvature width and grade line. p. 9.

Kirvink, K. A. - Evaluating by electronic computer the effect of highway conditions on traffic safety. p. 10.

Kharichko, N. I., Budakov, V. V., Isakov, V. M. - Improve the technology of earthwork in winter. p. 11.

Kharichko, N. I. - Pavements made from acid-soluble mineral mixes. p. 12.

Budakov, I., and others. - Modern arrangement of structures for cement and mineral fillers. p. 13.

Ostapenko, V. P. - Winter maintenance of highways in Onok Province. p. 14.

Shvachkov, A. V. - Calculating the depth of ground freezing and thawing. p. 15.

Mikolay, A. A. - Low cost highways. p. 16.

Ivanov, R. M. - Calculation of flexible pavements. p. 17.

Korotkiy, V. V. - Modeling method for highway projects. p. 18.

Veravida, A. A. - Cost of asphaltic concrete mix was reduced more than a half. p. 19.

Budakov, V. P., Budakov, I. U. M. - Bituminous materials are now produced according to the new All-Union State Standard. p. 20.

Vasil'ev, I. U. M., Melnikova, M. G. - Frostproof layers made from local soils strengthened with cement. p. 21.

Vasil'ev, A. P., Ivanov, I. U. P. - Securing safe driving conditions in winter. p. 22.

Maryashin, R. V., Blazhenchikov, G. V. - Mechanized equipment for removing snow banks. p. 23.

Telgin, M. I. A., and others. - Kspenditure standards in road repair and maintenance. p. 24.

Skvortsov, E. V. - Determining optimal parameters of projected earthwork with the help of a network schedule graph. p. 25.

Feldman, M. B., Pashuk, G. A., Vetsugars, E. A. - Sliding parts from fluoroplastic. p. 26.

Gurkin, S. I., Zolotarevskiy, I. A. - Resistance spot welding of reinforcing cages. p. 27.

Kovalev, M. - New filtration meter. p. 28.

Bruckman, A. I. - Effect of additives on the strength of crushed stone mixes hardening at subfreezing temperatures. p. 29.

Darbinov, V. A. - Determining rolling resistance coefficient. p. 30.

Miklin, V. P. - Technology and strength of soil cement. p. 31.

BIBLIOGRAFIYENKI UKAZATEL' TEKHNICHESKIH OTCHESTVENNOY LITERATURY PO STROITEL'STVU I ARHITEKTURE (BIBLIOGRAPHY OF CURRENT SOVIET LITERATURE ON CONSTRUCTION AND ARCHITECTURE). Issued by Tsentrallyy nauchno-issledovatel'skiy tsentr po stroitel'stvu i arkhitekture (Central Scientific and Technical Library on Construction and Architecture). Moscow, nos. 1-12, 1963.

BULLETIN OF CONSTRUCTION ENGINEERING. Published by Gosudarstvennyy komitet po stroitel'stvo SSSR [State Committee for Construction of the U.S.S.R.]. Moscow, vol. 2, no. 10, Oct. 1963.

Table of contents translated:
Technical progress in construction during Soviet rule. p. 1.

Kheisenzik, A. S. - Development of the construction industry in the Kazakh S.S.R. Soviet rule. p. 2.

Korol', V. A. - Technical progress in construction in the White Russian S.S.R. toward the 50th anniversary of the Great October Revolution. p. 3.

Prepare the ground for a wider use of three-dimensional block housing construction. p. 4.

Transition to new estimated norms and prices in construction. p. 5.

New State Standards:
Methods for determining the strength of heavy concrete. p. 6.

Present reinforced concrete bulkheads for industrial buildings. p. 7.

Supports for horizontal tanks. p. 8.

Strictly maintain the requirements of normative documents. p. 9.

Setov, A. A. - Raise the quality of designs of heat and electric power plants. p. 10.

In State Committees for Construction of the U.S.S.R. p. 11.

In the State Committee on Civil Construction and Architecture attached to the State Committee on Construction of the U.S.S.R. p. 12.

In research institutes:
Gusakov, A. A. - Make wider use of the results of scientific research. p. 13.

At construction sites of the ministries and departments:
Medvedev, M. I. - Introduction of network planning at construction sites of the Ministry of Construction of Heavy Industry Kuzbassoblast of the Kazakh S.S.R. p. 14.

Kupreev, G. F. - Sectional submounted concrete-masonry plant. p. 15.

Polonskiy, M. K. - Improve the quality of the erection of totally prefabricated buildings. p. 16.

At the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 17.

Belavskiy, I. S. - Anniversary exhibitions: counter techniques in construction work. p. 18.

Acquire standard literature in proper time. p. 19.

All-Union Conference of Inventors and Efficiency Promoters of the Construction Industry. p. 20.

GIDROTEKHNIKHESKOE STROITEL'STVO (HYDROTECHNICAL CONSTRUCTION). Organ of Gosudarstvennyy protoduktsionnyy komitet po stroitel'stvo i elektromekhanike SSSR and Nauchno-issledovatel'skiy tsentr po stroitel'stvo i arkhitekture [State Production Committee for Power Engineering and Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 2, no. 10, Oct. 1963.

Table of contents translated:
Lopatin, M. A. - Development of hydraulic excavation and filling methods in Soviet hydraulic construction. p. 1.

Shchegolev, I. U. A., Noskov, B. T. - Hydraulic fill dam of the Golovinsk Hydroelectric Power Plant. p. 2.

- Mazin, D. P. - Concrete construction work at the site of the Tugay Hydroelectric Power Plant. p. 12.
- Murzinov, V. A., and others - Greeting joints in concrete dams. p. 17.
- Reikin, M. P., Pansenko, G. A., Antiferov, A. S. - Earth dam with plastic anti-seepage cover in permafrost region. p. 30.
- Lomize, G. M. - Chalkdronal problem of seepage and settlement in uniform loose soils. p. 32.
- Reimann, L. S., Petrov, G. N., Korotkiy, V. L. - Methods of wetting loose fill in open pits before dumping it at the construction site of impervious parts of a dam. p. 37.
- Rhinn, M. L. - Minsk - Vitebsk water system. p. 30.
- Rurova, N. N. - Forecast of the variation of a flow as based on model tests. p. 33.
- Alfas, E. E. - Grouting method of the construction of lining in high-pressure hydraulic tunnels. p. 35.
- Kobovskiy, S. G. - Comments on Technical Specifications and Norms for the design of hydraulic transport of granular materials using steel pipes. p. 38.
- Chirovskiy, V. V. - Recommendations on use of surface-active additives to concrete in large dams. p. 41.
- Reval, V. I. - Approved cost estimates for the construction of a hydroelectric power plant. p. 43.
- Frolov, B. K. - Design and construction of Cariers rock-fill dam. p. 45.
- Moshkov, L. V., Moshkova, L. G., Rabinovich, G. L. - Coordinated conference on the hydraulics of high-head water spillways and outlet structures. p. 53.
- Ogalskiy, T. G., and others - Coordinated conference on the dynamics of hydraulic structures. p. 54.
- Arvay, V. I., Shalashov, A. V. - Eleventh Coordinated Conference on the Seepage Research in High-pressure Structures. p. 55.
- Sidish birthday of Arkady Grigorievich Lykoshin. p. 56.
- Sevdish birthday of Aleksandr Nikolaevich Arshonchik. p. 57.

Vol. 39, no. 11, Nov 1968.

- Table of contents translated
- Krasnoyarsk Hydroelectric Power Plant has been put into operation. p. 1.
- Korol', S. L. - Arrangement of excavation works in the construction of the Krasnoyarsk Hydroelectric Power Plant. p. 2.
- Dolmatov, A. P., Medvedev, S. K. - Controlling temperature conditions of massive concrete in the dam of the Krasnoyarsk Hydroelectric Power Plant. p. 6.
- Korol', S. L. - Technology of a piping system for cooling concrete in the dam of the Krasnoyarsk Hydroelectric Power Plant. p. 10.
- Arvay, V. I., Korotkiy, V. L. - Refinement of the Yashay River bed in the tailrace of the Krasnoyarsk Hydroelectric Power Plant. p. 14.
- Rudakov, V. M. - Ways of improving the construction of hydroelectric power structures built from large precast reinforced-concrete elements. p. 17.
- Gavrilin, G. A., Chelchikov, V. L., Khosholovskiy, E. F. - Construction of underground structures for a hydroelectric power plant under permafrost conditions. p. 23.
- Bevka, V. L. - Use of spray-concrete and blanket grouting for the consolidation of abutment rock foundations of the Arzhan Dam. p. 26.
- Shchegolev, S. K. - Calculating interior pressure of multi-layer lining rings for hydraulic tunnels, considering different rock characteristics of ring zones. p. 30.
- Ushakov, S. B., Ponomarev, A. S. - Correlation of static and dynamic strain indices of rocks as determined by large scale probing of rock mass. p. 33.
- Ivashchenko, I. M., Cherkashov, A. G. - Studying seepage resistance of coarse elastic soils. p. 38.
- Mechinov, I. L., Gerasimovich, M. I. - Optimal economic use of water resources. p. 41.
- Abelov, A. S., Kotikov, L. A., Karalin, V. I. A. - Hydrodynamic forces resulting from the interaction of flow with hydro-mechanical equipment of large dams and other hydraulic structures. p. 47.
- Belonov, A. I. - Self-propelled ho cranes. p. 49.
- Frachin, L. Z. - Salinas Canal. p. 53.
- Belonov, A. V. - Some results of the 9th Plenum of the World Power Conference. p. 57.
- Mikhailov, A. V., Chernyshev, V. A. - About the works of the section "Hydroelectric power stations" at the 9th World Power Conference. p. 60.
- Nikolai Mikhailovich Maslov; 70th birthday. p. 61.

ОСОБЕННОСТИ КЛИМАТА МОСКВЫ [MUNICIPAL ECONOMY OF MOSCOW]. Origin of hypothermia Moscow-shno gorodskogo soveta deputatov trudiashchikhs (Executive Committee of the Moscow City Soviet of Workers' Deputies). Moscow, vol. 43, no. 1, Jan. 1968.

- Table of contents translated:
- Prosvyayev, V. F. - Three great years of the capital city. p. 1.
- Belonov, A. V. - For excellent service industries. p. 10.
- Khorov, V. B. - Stop-on the construction pace of city streets. p. 14.
- Kaplan, L. S. - Designing chorographies for high speed underground traffic. p. 17.
- Lukin, A. A. - Reliability of hand piping systems. p. 21.
- Potapenko, F. T. - Modern at the establishments of the building industry. p. 24.
- Bogdanovskiy, S. A. - Pay rates for completed work in major repairs of residential buildings. p. 30.

- Portugaliy, R. P. - Ways for the efficient use of heat in housing management. p. 32.
- Khosholovskiy, B. I. - Automated accounting system for the customers of the Main Administration of Housing in Moscow. p. 34.
- Kobanov, V. A. - New bridges, tunnels, under- and over-passes in Leningrad. p. 37.
- Vishnevskiy, I. M. - Take good care of elevators. p. 39.
- Belonov, A. V. - Moscow in new plans and layouts. p. 40.
- Rakitin, A. M. - Future Moscow at the Exhibition of Achievements of National Economy of the U.S.S.R. p. 44.
- Pastukov, M. - Warsaw today. p. 45.

Vol. 42, no. 2, Feb. 1968.

- Table of contents translated:
- For high efficiency in servicing. p. 1.
- Isaev, V. P. - International exhibition of household equipment; our interview. p. 2.
- Shov, M. T. - Winter recreation. p. 3.
- Shchegolev, S. K. - Improvement of quality is the most important factor. p. 6.
- Bodakov, L. I. - Renovation of an old street. p. 11.
- Mitchev, V. E. - Budget of the city of Moscow. p. 14.
- Vladimirov, V. A. - Use of traffic lights. p. 16.
- Platner, I. A. - Moscow should have diagonal railroad base. p. 20.
- Chirkin, V. V., Irutskiy, G. M. - Railroad diagonal base can be passed under city. p. 21.
- Strukov, K. I. - Two thousand kilometers on the Russian highways. p. 24.
- Isaev, G. M. - Acoustic conductor services abroad. p. 26.
- Likarskiy, R. E. - Distribution of city automobile traffic. p. 32.
- Meluzov, V. V. - Studying the transportation pattern of workers in Tula and Erivan. p. 34.
- Borisovskiy, V. I., Ovchinnikov, I. A. - Calculating passenger transportation patterns balanced to serve cultural and public needs. p. 36.
- Likarskiy, I. A. - Effect of pedestrian traffic on urban development. p. 37.
- Gerasimovich, B. I., Pecherinskiy, M. P. - Modeling intersection traffic using an electronic computer. p. 38.
- Alksov, V. A. - Traffic marking of streets and highways. p. 42.
- Scientific and technical conference on construction and architecture. p. 45.

ИССЛЕДОВАНИЯ ПО МЕХАНИКЕ СТРОИТЕЛЬНЫХ МАТЕРИАЛОВ И КОНСТРУКЦИОННЫМ СПОСОБАМ [RESEARCH IN THE MECHANICS OF BUILDING MATERIALS AND CONSTRUCTION]. Issued by Stroitel'nyi fakul'tet Rishchenskogo politekhnicheskogo instituta [Construction Faculty of the Riga Polytechnic Institute]. Riga, no. 1, pt. 1, 1967.

- Table of contents translated:
- Solodovnik, A. B. - Amplified field in concrete mix under vibratory action. p. 7.
- Kuznetsov, G. I., Lapina, V., Solodovnik, A. B. - Relaxation phenomena in swelling gas concrete mix. p. 32.
- Lipovskiy, V. M., Melnik, P. B., D. I. - Intensification of wet heat treatment processes in the manufacture of concrete and reinforced concrete products. p. 40.
- Anis, K., Galitskiy, K., Kuznetsov, G. I. A. - Kinetics of thermal stresses and strength of steam cured large gas concrete panels considering relaxation factor. p. 47.
- Kalia, L. - Effect of the distribution of porosity in concrete on its frost resistance. p. 61.
- Lavrin, E., Lase, G. - Effect of the structure of gas concrete on its heat conductivity. p. 70.
- Tatarskiy, V., Lase, G. - Effect of the microstructure of foamed concrete on its strength. p. 81.
- Korotkiy, V. A. - Effect of drying on the creep of concrete. p. 87.
- Alksov, F., and others - Effect of the addition of the aqueous dispersion of divalutyrum on physico-mechanical properties of gypsum sand-cement concrete. p. 94.
- Rozent, K., Bulava, F., Shchegolev, A. M. - Strain characteristics of laminated materials. p. 106.
- Shchegolev, A. M., Rozent, K. - Phase stress of linear elastoplastic reinforced materials. p. 114.
- Medvedev, S. K., Korotkiy, V. A. - Calculating changes of rheological coefficients of concrete. p. 120.
- Medvedev, S. K. - Separating shape-change and size-change effects in the theory of elastic heredity. p. 145.
- Triva, M., Sabatini, P., Merone, Z. - Rheological model for the materials with different deformation coefficients at compression and extension. p. 152.
- Shchegolev, A. M., Bulava, F. - Strength of elastoplastic laminar materials as dependent on time. p. 158.

No. 1, pt. 4, 1967.

- Table of contents translated:
- Shchegolev, A. M., Bulava, F. - Static fatigue of anisotropic materials. p. 127.
- Shchegolev, A. M., Bulava, F. - Static fatigue of anisotropic plastics under stress horizontal load. p. 179.
- Meluzov, L. - Calculation of flexible, rationally deformable, and physically nonlinear systems. p. 213.
- Meluzov, L. K. - Plastic deformation of a beam under mobile load. p. 224.
- Pavlov, L. - Stability of a rod made from nonlinear elastoplastic material. p. 207.
- Prider, G. - Calculation of fixed length beams on nonlinear Winkler's support. p. 238.
- Bukharov, V. I. A. - Efficiency of the arch as a structural and economic variation problem. p. 250.

- Saitovich, V. I. A. - Determining the outline of a minimum cost hingeless bridge arch with the help of the envelope curve of nodular moments. p. 22.
- Saitovich, V. I. A. - Engineering method for the solution of simultaneous equations of an efficient arch outline. p. 252.
- Saitovich, V. I. A., Potomogil, V. - Optimal quality of concrete and reinforcement percentage of reinforcement and cross section height of a minimum cost three-hinged arch. p. 261.
- Medvedev, S. K. - Refining the calculation of lateral reinforcement for flexible reinforced-concrete members under uniform load. p. 273.
- Chapurin, I. A., Kalyah, F. A. - Effect of mineral salts on the carrying capacity and deformations of reinforced-concrete floors. p. 278.
- Rosikhin, I. V. - Settlement of structures on pile foundations due to negative friction. p. 282.
- Rajoda, D., Poloudin, A. I. - Effect of the moisture content in gas concrete on the heat conductivity of three-layer wall panels. p. 292.
- Rajoda, D. - Moisture conditions of the series 1-44 exterior walls of residential buildings in Riga. p. 294.

No. 2, 1967. Acoustical methods of materials testing.

- Table of contents translated:
- Lapina, V., Kuznetsov, G. I. A., Kuznetsov, I. K. - Studying pore formation process in gas concrete by the method of superimposed impulses. p. 3.
- Borzon, A. V., Pecherinskiy, T. I. A. - Formation of gas concrete structures during the autoclave process at the different temperatures of isothermal aging. p. 11.
- Lapina, V. - Estimating the strength of hardening gas concrete by the velocity of transverse wave propagation in it. p. 13.
- Borzon, A. V. - Set of instruments for acoustically multiple-point measurements of the reactivity of concrete. p. 14.
- Pecherinskiy, T. I. A., and others - Effect of geometric dimensions of hardening concrete samples on the propagation velocity of longitudinal waves. p. 24.
- Burgoy, O. E. - Determining dynamic models of longitudinal and transverse elasticity. Poisson's ratio, and decrements of concrete. p. 26.
- Dzmitry, V., Pecherinskiy, T. I. A., Goldstein, A. I. A. - Velocity changes of longitudinal sound waves in the case of paste with different water content. p. 27.
- Orlov, I. A., Dzmitry, V., Pecherinskiy, T. I. A. - Studying hardening kinetics of the plaster of Paris considering sound velocity variations, strength and hygroscopic grades of samples. p. 31.
- Gerasimovich, S. K., and others - Effect of FeO, SiO₂, Na₂O additives on the elasticity of some semi-alumina silicofluoride glasses. p. 37.

ИССЛЕДОВАНИЯ ПО ТЕОРИИ СООРУЖЕНИЙ [RESEARCH IN THE THEORY OF STRUCTURES]. Published by Gosudarstvennoye izdatel'stvo literatury po stroitel'stву i arkhitekture [State Publishing House of Literature on Construction and Architecture]. Moscow, no. 18, 1967.

- Table of contents translated:
- Volkov, B. P. - Analysis of the stress-strain state of prefabricated box-shaped structures used in buildings. p. 4.
- Taranin, B. M. - Natural vibrations cylindrical shells used in flooring. p. 20.
- Meisinger, I. M. - Calculation of shell folds under an additional transverse load and longitudinal force. p. 33.
- Meluzov, S. I. A. - Calculation of shallow circular cylindrical shell closed from three sides. p. 44.
- Aleksandrov, A. V. - Investigation of the performance of thin-walled bars under longitudinal single forces. p. 53.
- Lezhnevskiy, B. I. A. - Calculation of orthotropic cylindrical structures using digital computer. p. 60.
- Kuz, S. S. - Calculation of the stability of the shells of revolution taking into account the initial buckling. p. 74.
- Luchin, O. V. - Some problems of dynamics of a closed sphere. p. 82.
- Golitskiy, V. I. A. - Monostatic theory of shells having the form of cylinders of Dupin. p. 90.
- Ovchinnikov, V. I. - Some differences in the theory of natural vibrations of hinged and free plates. p. 98.
- Tatarskiy, P. I. - Calculation of a thin-walled cylindrical shell considering the three-dimensional strain in a state of pure bending. p. 110.
- Smirnov, A. P. - Thermodynamic vibrations of a system with two degrees of freedom from random impulses. p. 121.
- Morshnevskiy, A. B., Kuznetsov, T. K. - Calculation of plates for a live load in the form of a band. p. 127.
- Andreyev, V. A. - Natural flexural vibrations of suspension bridges. p. 134.
- Vydrin, G. P. - Displacements and stresses in a beam resting on an elastic foundation under short-time periodic forces. p. 145.
- Rabinovich, I. M. - Calculation of trusses and beams of minimal volume for dynamic loadings and dead weight. p. 161.
- Shchegolev, A. M., Kuznetsov, I. K. - Calculation of framed cyclic systems using computers. p. 168.

- Ivovich, V. A., Glazyrin, V. B. - Applying the matrix theory for dynamic calculation of beams resting on an elastic foundation using the initial parameter method. p. 107.
- Medvedev, I. A., L'kovskiy, B. D., Shchegoleva, V. V. - Bending of stepped rods loaded with single forces. p. 186.
- Borovskiy, I. G. - Effect of joints on the stability of truss compression chords of open beam bridges. p. 184.
- Gordeev, V. N., Perel'muter, A. V. - Calculation of elastic systems with unilateral ties as a problem of quadratic programming. p. 208.
- Dinkovskiy, S. K. - Calculation of frames with yielding joints. p. 213.
- Glazyrin, V. B. - Calculation of framed structures with linearly moving joints. p. 217.
- No. 10, 1968.
- Table of contents translated:
- Rabinovich, L. M. - Expedient time distribution of the impulse load applied to a linear elastic system. p. 3.
- Morgenshteyn, A. B., Karpov, L. P., Nikitin, O. F. - Investigating the impact volume of a mobile load considering higher harmonics. p. 15.
- Oleskin, V. L. - Control method during the determination of frequencies and patterns of natural oscillations of rectangular plates. p. 23.
- Ivovich, V. A. - Calculating centrifugal forces of elasticity and inertia at random transverse oscillations of a monobeam. p. 27.
- Blotki, M. N. - Unsteady oscillations of the infinite plate on an elastic half-space. p. 47.
- Glazyrin, V. B. - Transverse and symmetric oscillations of the infinite plate resting on an elastic half-space. p. 61.
- Tsetlin, A. L. - Dynamic calculation of reinforced concrete plates resting on an elastic foundation. p. 73.
- Lesknev, B. G. - Calculating elastic systems for random loading. p. 81.
- Orinberg, R. I. - Determining arbitrary member frequency of natural oscillations in elastic systems. p. 88.
- Bul'manov, V. A. - Natural torsional vibrations of a suspension bridge considering changes of thrust volume during the vibrations. p. 93.
- Linkovskiy, A. K. - Matrix algorithms for the calculation of strength, general static stability, and natural oscillations of three-dimensional bar-reinforcing cages in buildings. p. 107.
- Bondar, M. G. - Stability of shafts on nonlinear elastic supports. p. 117.
- Vinogradov, A. L. - Robustness of safe structures in the theory of optimum framed structures. p. 128.
- Kennel'son, E. M. - Singular variable systems. p. 134.
- Akhmedov, A. V. - Using the method of perturbations for plotting surfaces of active stresses in the slabs of a bridge slab and girder system. p. 148.
- Laschchenkov, R. I. A. - Method of perturbations in a continuous form. p. 148.
- Luzkin, O. V. - Calculation of beams with application of matrix algebra. p. 157.
- Marek, L. K. - Numerical methods for the calculation of bars and framed structures loaded with them. p. 170.
- Bezukhova, N. M. - Carrying capacity of round plates made of rigid plastic material and set on an elastoplastic foundation. p. 178.
- Mityur, V. L. - Designing structures with nonlinear bracing. p. 187.
- Podolskiy, A. B. - Design of devices for the inspection of railroad bridges and the analysis of their performance. p. 137.
- LENINGRAD VSESOYUZNYI NAUCHNO-ISLEDOVATELSKIY I PROEKTYI INSTITUTE TSEKHOVNOY PROMYSLANNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF THE CEMENT INDUSTRY. Transactions]. No. 36, 1968.
- Table of contents translated:
- Bernadiev, A. F. - Improving technology and equipment of cement plants. p. 1.
- Volkovskiy, B. V. - Technical progress and development of research work in the All-Union State Scientific Research and Planning Institute of the Cement Industry. p. 15.
- Egorov, G. B., Belov, L. V. - Improving methods of preparing raw-material mixes of a prescribed formula. p. 31.
- Dineev, P. M. - Improving processes and equipment for kilning portland cement clinker. p. 81.
- Dineev, P. M., Viktorov, V. I., Solov'yakov, M. K. - Studying (acoustic, thermal, and aerodynamic parameters of a cyclonic heat exchanger system. p. 73.
- Orskiy, O. S., Kholodov, E. S. - Automating effector firing process and its mathematical simulation. p. 91.
- Kilichikov, I. A., and others. - Development of kilning techniques in the cement industry. p. 99.
- Stoklo, L. L., Melnik, R. M. - Using new methods in the analysis of the service life of rotary kiln bearings. p. 104.
- Tkachov, V. V. - Improving the grinding technology. p. 130.
- Kozlovskiy, A. V., Pod'kobova, I. B. - Studying the flow of grinding charge in the drum of a tube mill. p. 141.
- Danilovskiy, S. I., Levin, M. I., Litvinenko, R. I. - Research on quality improvement and production of special cements. p. 173.
- Mikheyev, I. V. - Cements with the high content of magnesium oxide. p. 184.
- Gol'shteyn, L. A., and others. - Production of binding materials by the method of smelting. p. 194.
- Bogdanova, I. V., and others. - Developing photo-metric methods of chemical control in cement manufacture. p. 222.
- Rushchik, G. M., and others. - Present-day methods of physico-mechanical tests of cement. p. 227.
- Volkovskiy, B. V., and others. - Investigating conversion kinetics of a portland cement charge by physico-chemical methods. p. 254.
- Sychev, M. M., Kopylov, G. I., Krasnovskaya, A. P. - Properties of liquid phase and the structure of clinkers. p. 271.
- MEKHANIZATSIYA STROITEL'STVA (MECHANIZATION OF CONSTRUCTION). Issued by Gosstroyizdat Leningradskiy Ministerstvo SSSR po delam stroitel'stva i Tsel'stvo'noye pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noy i tekhnicheskoy (State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific and Technological Society of the Construction Industry). Moscow, vol. 22, nos. 5-6, May-June 1968.
- MONTAZHNYE I SPETSIAL'NYE RABOTY V STROITEL'STVE (ASSEMBLY AND SPECIALIZED OPERATIONS IN CONSTRUCTION). Organ of Ministerstva montazhnykh i spetsial'nykh stroitel'nykh rabot SSSR i Tsel'stvo'noye pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noy i tekhnicheskoy (Ministry for Assembly and Specialized Operations in Construction of the U.S.S.R. and the Central Administration of the Scientific and Technological Society of the Construction Industry). Moscow, vol. 22, nos. 5-6, May-June 1968.
- Vol. 30, no. 11, Nov. 1968.
- Table of contents translated:
- Let us greet in a worthy manner the centenary of Vladimir Il'ich Lenin's birth. p. 1.
- Vol'berg, M. M., Shvarts, L. I., Arshadskiy, L. R. - Weatherless assembly of processing equipment. p. 3.
- Cherdyn'ev, V. A. - Experiences in mounting exhaust (gas and flue-gas) pumps. p. 7.
- Lesel'skiy, L. S. - Further increase in the level in industrialization in pipelining. p. 8.
- Kozlov, R. K. - Assembly of drying drums by the rolling-on method. p. 12.
- Skidov, G. I., Khramov, I. F. - Argon-arc welding of pipes made from commercial steels. p. 13.
- Kholodov, E. V. - General-purpose adapters for the welding of pipes made of thermoplastic resins. p. 16.
- Abogazov, V. D., Muratov, V. Z. - Comparing the basic indicators of surface anodes. p. 18.
- Drozdetskiy, P. M. - Use of twin electric ladders for the delivery of retroflectors. p. 26.
- Golodov, V. M. - Experiences in the installation of conductors and cables. p. 32.
- Vlasov, F. L. - Inventory shapers for blasting jobs. p. 34.
- Vorobey, E. D. - Individual devices for protection against impulse noise. p. 36.
- Boborykin, E. P. - Experimental-technological sections and groups, a progressive form of introducing advanced experience. p. 37.
- MOSCOW NAUCHNO-ISLEDOVATELSKIY INSTITUTE SANKTARNOY TEKHNIKI Shorokh [SCIENTIFIC RESEARCH INSTITUTE OF SANITARY ENGINEERING. Papers]. No. 23, 1967. Heating and ventilation of residential, public, industrial and farm buildings.
- Table of contents translated:
- Shepelev, I. A. - Principles for the calculation of ventilation intake streams, air fountains, and convection streams. p. 3.
- Tatarskiy, G. T. - Investigating air currents with bottom feed. p. 28.
- Orskiy, O. S. - Principles of a free nonisothermal stream having a hollow conical shape bent by gravitational forces. p. 35.
- Pavlovskiy, L. B. - Studying air-curtains over the sources of harmful emissions. p. 51.
- Ivanitskiy, M. I. U. - Effect of ventilation conditions in a spinning mill on the quality of rayon fibers. p. 68.
- Ivanitskiy, M. I. U. - Research on the aerodynamic design of an air distributing duct with a given nonuniformity of air distribution. p. 84.
- Shepelev, I. A., Masberg, I. U. - Effect of the geometric shape of a building on aerodynamic conditions of the space over its roof. p. 79.
- Bashin, G. I. - Design parameters for the ventilation systems of vegetable storerooms. p. 87.
- Kozlovskiy, V. K. - Calculation of hot-water heating systems by mathematical modeling methods. p. 94.
- Kozlovskiy, V. K., Shchegoleva, T. L., Svetlov, K. N. - Studying air exchange in a 12-story residential building to be built on Kalinin Prospekt in Moscow. p. 118.
- Trubnikov, S. P. - Heat losses caused by ventilation in buildings with various ventilation systems. p. 122.
- Polikarpov, V. F., Anan'skiy, L. P., Blatkin, M. F. - Results of investigating the operation of an experimental radiant heating system using air as heat carrier. p. 128.
- Trubnikov, S. P. - Efficient system of feeding heat-carrying agent to heating-ventilating units in apartments. p. 144.
- Grodzinskiy, M. M., Mel'burg, A. E., Poz, M. I. A. - Creation of improved designs of radiators with spirally wound-on ribbing. p. 153.
- Grodzinskiy, M. M., Mel'burg, A. E., Poz, M. I. A. - Technical and economic evaluation of radiators and their optimal design using the method of thermal and aerodynamic comparison. p. 171.
- Grodzinskiy, M. M., Poz, M. I. A. - Economic and technical prerequisites in selecting radiator unit series by their performance and models. p. 189.
- Vilenitskiy, E. I. A. - Economic indices of the efficiency of electric heating in residential buildings. p. 208.
- Borovskiy, D. I. A. - Studying hydrodynamics of cast-iron heating boilers. p. 228.
- Kolokolov, V. V., Troitskiy, P. B. - Methodology of heat balance tests in cast-iron heating boilers. p. 233.
- MOSCOW VSESOYUZNYI PROEKTYNO-TEKHNIKI INSTITUTE NAUCHNO-ISLEDOVATELSKIY INSTITUTE "GIDROPROEKT" [ALL-UNION PROJECTING AND RESEARCH INSTITUTE "HYDROPROJECT." Leningrad Department. Transactions]. No. 6, 1967. The Volga - Balka Sea Waterway named after V. I. Lenin.
- Table of contents translated:
- Krylov, G. A. - The Volga - Balka Sea Waterway named after V. I. Lenin. p. 5.
- Romanovskiy, A. V. - Engineering and geological conditions of route region. p. 23.
- Agrazov, A. B., Borokina, A. V. - Navigation locks. p. 37.
- Vorobey, V. I. - Hydraulic features of navigation locks. p. 58.
- Rashnikov, P. B. - Mechanical equipment and turn bridges of navigation locks. p. 73.
- Bubelov, M. M., Kozlovskiy, G. G., Pokh, L. K. - Electrical equipment of navigational structures. p. 79.
- Peimov, K. B. - Shkuna (Cherepovets) hydroelectric Power Plant with horizontal bulb-type power unit. p. 87.
- Sharovarov, G. A. - Architecture of structures. p. 87.
- Frutkin, L. S. - Pressure earth structures. p. 103.
- Bondarevskiy, M. P., Krylov, G. A. - New type of slope reinforcements. p. 117.
- Vainer, M. A., Frutkin, L. S. - Use of hydraulic equipment in the construction of water-retent canal. p. 123.
- Romanovskiy, A. V. - Slides and gullies on the slopes of canals and trenches during construction work. p. 138.
- Pashalskiy, I. K. - Physico-mechanical properties of rocks in the foundations of concrete structures. p. 140.
- Kolokolov, I. G., Kuz'mina, A. A. - Water system. p. 185.
- Borokina, I. B. - Aggradation of dredged channel in lake Beloye Ozero. p. 188.

OSNOVANIYA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Otdel stroitel'stva i inzhenerov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 10, no. 8, 1967.

- Table of contents translated:
Objectives of the journal in the light of the decisions
of the Plenum of the Central Committee of the
CPSU April 1958. p. 1.
Gorbunov-Pozdnyakov, M. I. - Displacement and compaction
of soil by a driven pile. p. 3.
Dudnik, B. L., Isakovskiy, V. A. - Stress and strain
state of an inclined soil layer. p. 5.
Bespriyaznaya, I. M. - Calculation of beams on an
elastic foundation by the method of integral
matrix. p. 7.
Brookstein, B. E., Gorbunov, A. E. - Correlation
between the strain modulus of Dombas clays and
their void ratio and consistency indices. p. 10.
Trofimovskiy, I. U. G., and others. - Automatic recording
system of static soil probes when using the
S-178 instrument. p. 11.
Khrushchinskii, L. O. - Interpretation of compression
test data. p. 12.
Radugin, A. E. - Effect of time on piles in sandy clays.
p. 15.
Stepanov, G. M. - Designing pile foundations for impact
loads. p. 18.
Turovskiy, S. V., Babich, Z. V. - Calculating the
resistance of a grating girder under panel. p. 19.
Mikhlin, L. P. - Features of earth-BU construction
for buildings in Voronezh region. p. 20.
Khrushchinskii, L. E. - Thermophysical principles of
construction with preservation of frozen ground.
p. 21.
Petrov, V. A., Zhuravlov, I. A., Kuznetsov, R. K. -
Expanding outlet for cast-in-place piles of sea
structures. p. 23.
Armatovskii, Z. M. - Determining the dimensions of
the base for foundations under eccentric load.
p. 25.
Belous, M. P. - Deformation of ground and settlement
of geodetic marks in the area of the sinking of
an open caisson. p. 27.
Mushketerevskiy, I. U. M., Pol'shin, D. E. - Design of
elastic square piles on compressible base under
distributed load. p. 28.
Kozlov, A. - Characteristics of the physical state of
soils. p. 31.
Khrushchinskii, S. B. - Using the iteration method for the
calculation of tunnel lining on an electronic com-
puter. p. 32.

Vol 10, no. 8, 1968.

- Table of contents translated:
Akhmedov, L. T., Kryukovskiy, I. M., Petrova,
A. G. - Studying the distribution of stresses in soils
under static load. p. 1.
Belikov, M. K. - Forced vibrations of a rigid wall in
soil due to the motion of periodic load. p. 2.
Khrushchinskii, Z. - Design of a strip resting on hetero-
geneous solid foundation. p. 3.
Kuznetsov, V. F., Iakovlev, A. V. - Penetration test
for determining friction and cohesion indices of
cohesive soils. p. 8.
Klein, G. K., Gavrilenko, I. V. - Stability of tower
structures with shallow foundations on rocky
beds. p. 10.
Vasilev, A. V. - Calculating construction settlements
of large panel buildings with the consideration of
long time processes. p. 14.
Khanin, G. L., and others. - Using dynamic photo-
elasticity method in the investigation of pile stresses.
p. 17.
Rylov, V. F. - Determining soil pressure intensity on
a beam or wall by deflection measurements. p. 18.
Gorbunov, B. V. - Use of present pile grouting in pile
foundations for residential buildings. p. 21.
Bielar, I. A., Borodinskii, M. A. - Method of design-
ing the lining for shallow tunnels. p. 22.
Litvinov, I. M. - Experience in deep compaction of
subsoils by explosion energy. p. 26.
Darev, I. F. - Protective measures against the freezing
of soil. p. 28.
Orlovskiy, A. A., Ivanov, I. U. K. - Predicting ground
settlement due to its saturation by small scale deep
spring. p. 31.
Zhekov, V. F. - Conference of city construction prob-
lems in gas field regions of Tyumen Province.
p. 36.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Mi- nisterstvo obshchestvennoy bezopasnosti SSSR [Ministry for the Protection of Public Order of the U.S.S.R.]. Moscow, no. 12, Dec. 1968.

PROMYSLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Otdel stroitel'stva i inzhenerov Soveta Ministrov SSSR po delam stroitel'stva i inzhenerov Tsentral'noy provyazki stroitel'stva i inzhenerov obshchestvennoy bezopasnosti SSSR [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Mos- cow, vol. 40, no. 8, 1968.

- Table of contents translated:
Ostrovskiy, I. A. - Immediate goals of scientific labor
organizations of the building industry. p. 2.
Gravits, G. B. - Proposals on the construction of in-
dustrial heat and power plants with the help of tank
trucks. p. 8.
Bady, V. M. - Simplified method of determining the
duration of construction work using network schedule
graphs. p. 8.
Deleev, B. I. - Optimal dimensions of vertical cylindri-
cal steel tanks. p. 10.

- Chernikov, A. S. - Quality of high-strength bolts for
steel members. p. 12.
Akhmedov, A. A., Gubaidullin, R. O., Kuznetsov, A. F. -
Effectiveness of using high-strength steel for
columns in industrial buildings. p. 15.
Florov, R. S., Petrov, A. P., Bishin, E. K. - Results of
investigating ISOIAF manganese vacuum steel with
stirog. p. 19.
Gofman, G. P. - Results of testing crane girders with
electrothermal and mechanical treatment of girths.
p. 21.
Berdichevskiy, G. L., and others. - Prestressed rein-
forced concrete rectangular roof girders. p. 24.
Svaylov, A. A., Mikhlin, V. V. - Results of testing 3 x 8
concrete slabs reinforced with rods having spiral
bends. p. 25.
Khanikov, A. G., and others. - Prospects for using slag
gyrocastables in construction. p. 28.
Kholodetskiy, L. M., Margolin, A. G. - Foamed-slag
concrete panels for self-bearing walls. p. 31.
Gusev, M. M., Alekseeva, E. P. - Investigating ultra-
violet radiation in industrial space. p. 33.
Kondratenko, V. V. - Determining local heating of
surfaces in the interior of isolated industrial
buildings. p. 35.
Izakov, S. I., Chernomaz, A. P., Shrebova, M. A. -
Grooving the joints of reinforced concrete panels
in tanks and other vessels. p. 36.
Akhmedov, M. I., Taganov, A. M. - Indices of concrete
and steel consumption for rolling mill foundations.
p. 40.
Tshamshir, R. K. - Cold asphalt mastic for water-
proofing interior concrete surfaces. p. 43.
Mikhlin, L. P., Gorbunov, A. E. - Strengthening of a cold
store in Voronezhsk. p. 43.
Kozlov, V. E. - Experience in testing walls of a cast-
in-place reinforced concrete reservoir. p. 44.
Belikovskiy, M. M. - Certain aspects of the evaluation
of vertical planning of a territory. p. 45.

Vol 40, no. 8, 1968

- Table of contents translated:
Mironov, A. A., Rylov, B. A. - Selection of the
sizing method for monolithic reinforced-concrete
members cast during freezing weather. p. 1.
Lagoda, A. V., Ushakov, E. M. - Calculating the
cooling process of concrete with antifreeze additives.
p. 5.
Zaslavskiy, I. V., Mikhlin, G. V. - Heating concrete
in formwork shafts of tall smokestacks. p. 6.
Sokolov, I. G., Turovskiy, A. I. - Kinetics heating of
concrete in a heating formwork. p. 10.
Besser, I. A. B. - Winter casting of reinforced
concrete members at the construction sites of the
Main Administration for Housing and Civil
Engineering Construction in Moscow City. p. 11.
Leifich, V. E., Gendin, V. I. A. - Construction of
reinforced concrete reservoirs. p. 18.
Shteynman, A. V., Brikhlev, V. V., Shaginardov,
R. M. - Effect of design features and production
technology on the cold resistance of steel member
joints. p. 17.
Berezovskiy, B. I. - Determining optimal time for
commencing construction in northern regions. p. 20.
Povallay, M. I., Voronin, A. M. - Joint behavior
of a roof top layer and binder courses at low
temperatures. p. 24.
Savilov, A. M. - Temperature conditions of industrial
building foundation beds during different periods
of service life. p. 28.
Gorbunov, L. B. - Designing industrial enterprises
in the regions with a considerable volume of
drilling work. p. 32.
Kokshchik, M. M., Reshetov, A. N. - Experience
in the construction of a factory for wet magnetic
separation of ores. p. 34.
Fokson, S. U. - Lighting of construction sites with
neon lamps. p. 35.
Chaplov, V. V., Lapin, M. M. - Electromechanical
method for compacting slays. p. 38.
Bykov, M. A., and others. - Histological resistance
of fibroline. p. 38.
Kuznetsov, A. F., Chernikov, A. S. - Results of
testing strength and durability of locked and
glued joints in steel members. p. 41.
Mikhlin, G. K., Shishov, K. A. - Investigating local
stressed state in steel crane girders. p. 44.
Kuznetsov, B. A., Litvinenko, D. A. - Localization of
steel to form cracks depending on the direction
of rolling. p. 45.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva SSSR [Min- istry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, no. 8, Aug. 1968.

- Table of contents translated:
Volkov, P. I., Myshkin, D. K. - In the vanguard of the
movement for economical labor. p. 1.
Gruber, L. O. - At railroad electrification sites.
p. 4.
Bryukov, G. S. - Constructing embankments for the
second track using dump trucks. p. 6.
Borodin, S. V., Shagunov, V. M. - Supports for small
and medium size bridges in the World's region.
p. 7.
Gerasimov, Z. S., Kozlov, V. O. - Transporting rein-
forced concrete crossbeams by floating them.
p. 8.
Mikhlin, I. U. M., L'kov, I. S. - Experience gained
from using the arch system for precast reinforced
concrete bridge spans. p. 11.
Bogoroditskiy, A. A. - Tunnel variant for crossing a
water barrier. p. 14.
Morozov, V. O. - Electric power supply to water lower-
ing devices used in the construction of the Kiev
Sewer. p. 18.
Krasov, M. V., Mikhlin, P. P. - Use of a television

- system in the underwater assembly of a pier.
p. 18.
Grebenskiy, V. G., Kostomarov, V. M. - Operations
controlling the landfills on Bakolovaya Mountain
in Saratov. p. 19.
Taranov, M. G., Bozin, G. L. - Construction of a water
intake in Leningrad. p. 21.
Veitman, S. G., Lobas, M. P., Frenkel', P. L. -
Manufacturing wire reinforced concrete slabs
according to strand technology. p. 23.
Vavilov, M. G. - Modernized 380-40M dredger.
p. 24.
Averbukh, V. M. - Optimal design of a gully space
used in building sewers. p. 25.
Mikhlin, V. L. - Experience in introducing consolidated
accounts into the construction industry management.
p. 31.
Makarov, N. P. - Achieving profitable operations.
p. 32.
Biserevich, B. A. - Selecting and transporting loose
samples. p. 35.
Kardner, M. A. - Using a theodolite for making a
precise layout of a roadbed. p. 38.
Kuznetsov, V. M. - Allowances in determining the size
of bored pile footed piles. p. 37.
Kleis, G. K. - Inconveniences in calculating the ground
pressure on pipes under embankments according to
Construction Norms No. 808-63. p. 39.
Lashovskiy, F. I. - Improving the technology of fully
prestressed transportation buildings. p. 41.
Bodak, G. B., and others. - Concrete with an emulsion
of GOKH-84 organosilicon polymer used in various
structures. p. 43.
Ivanov, G. B., Delagin, B. V., Karamyshev, I. A. -
Optimal gravity increase in compacting rigid
concrete mixtures. p. 43.
Strumoz, M. B. - Small mechanical devices used in
construction operations. p. 47.
Volekh, V. A. - Mounted equipment for grass sowing
on railroad slopes. p. 49.
In memory of V. D. Brikhlev 1900-1968. p. 53.

STROITEL' [THE BUILDER]. Organ of Otdel stroitel'stva i inzhenerov SSSR and Tsentral'nyy komsomol Prosvetnaya rabochikh stroitel'stva i promys- lennosti stroitel'nykh materialov [State Committee for Construction of the U.S.S.R. and the Central Com- mittee of the Trade Union of Construction and Building Materials Workers]. Moscow, vol. 14, no. 12(10), Dec. 1968.

STROITEL'NAYA MEKHANIKA I RASCHET SOORUZHE- NIY [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Otdel stroitel'stva i inzhenerov Soveta Ministrov SSSR po delam stroitel'stva i inzhenerov Tsentral'noy provyazki stroitel'stva i inzhenerov obshchestvennoy bezopasnosti SSSR [State Committee for Construction of the U.S.S.R. and the Central Com- mittee of the Trade Union of Construction and Building Materials Workers]. Moscow, vol. 10, no. 4(18), 1968.

- Table of contents translated:
Anisimov, A. I., Magula, V. E. - Bending of soil
pneumatic shells of revolution. p. 1.
Kuznetsov, E. M. - Analytical criteria in the kinematic
analysis of hinged rod systems. p. 4.
Uvarova, M. D. - Calculating prestressed guy sys-
tems on the functioning of overhead loading. p. 8.
Gorin, S. M., Kuznetsov, L. M. - Aerodynamic study
of large-volume tanks. p. 11.
Anastasevich, D., Medvedev, I. - Designing effect
diagrams for three-dimensional prestressed frames.
p. 13.
Iakovlev, P. I. - Determining passive ground pressure
on support walls. p. 14.
Brikhlev, V. V., Kholodov, A. Z. - Behavior of com-
posite beams with elastic-plastic joints. p. 17.
Cherchinskii, V. V. - Analysis of high-rise struc-
tures by the statistical testing method. p. 19.
Babich, R. I. - Free oscillations of flexible slat-
ing shells. p. 21.
Bondar, M. O. - Nonlinear oscillations of beams in
a magnetic field. p. 24.
Gol'dstein, I. U. B., Solonovskiy, M. A. - Optimum
beam design for dynamic loads. p. 27.
Glasyn, V. S. - Transverse oscillations of an
elastic beam on an elastic foundation. p. 30.
Vlasovskiy, A. I., Doroshenko, O. P., Khrushchinskii,
I. E. - Certain trends in the theory of optimum
rod systems. p. 36.
Gerasimov, E. I., Gorbunov, I. A., Pavlachenkov, V. I. A. -
Effect of rigidity of occlusion structures on the
stress state of multibeam shells. p. 39.
Tolchomskiy, P. P., Tolchomskiy, V. P. - Micro-
graphic calculation of beams for bending by
stretching. p. 42.
Kozlov, S. I., Shchegolev, V. V. - Stress state of con-
crete tubes under radial pressure. p. 44.
Kuznetsov, E. M. - Third All-Union Congress on
Theoretical and Applied Mechanics. p. 48.

STROITEL'NYYE MATERIALY [BUILDING MATERIALS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U.S.S.R.]. Moscow, vol. 14, no. 11, Nov. 1968.

- Table of contents translated:
Litvinenko, D. A. - Results of economic reform. p. 2.
Dmitriyev, M. I. - On the road of technical progress.
p. 7.
Kuznetsov, M. L., Kuznetsov, I. A. - Production of
high-strength concrete aggregates by the bagging
method. p. 11.
Rukov, E. A. - All-Union public review competitive
evaluation of the best quality of construction. p. 14.

- Bumakov, K. M., Denisov, M. I. - Polymeric heat- and sound-insulating materials for floor coverings. p. 15.
- Rostanov, K. V., Duleta, M. T. - Production of solid-line bricks by the treatment with sodium silicate. p. 17.
- Sychev, I. I., Babanov, V. M. - Mass production of limestone facing tiles using vertical sawing techniques. p. 19.
- Orlov, A. M., Lukashov, T. A. - Sawing decorative stones by diamond tools. p. 21.
- Mikhailov, A. E. - Mastering the technology of thin facing stone tiles. p. 22.
- Chesnokov, M. M., Mamedov, X. M. - Experience in using diamond cutters in stone sawing machines. p. 23.
- Kopua, A. B., Lashchinskii, I. A. B., Porobitskii, S. V. - Equipment for the stone industry. p. 25.
- Kozorjolk, E. V., and others. - Foamed slag insulation with a filling tank. p. 26.
- Engels, G. L., Arapov, V. P. - Heat resistant concrete from burnt rock. p. 28.
- Shapachko, V. M., Gelshteyn, T. P. - Products made by asbestos hardening from the waste of copper sulphide ore dressing. p. 31.
- Kozlov, K. K. - Electric furnace slags from the Kars-Tat. p. 32.
- Tkachuk, V. A. - Precast gypsum-concrete floor panels. p. 33.
- Tshalek, M. I., Zaporozhskaya, V. D., Smolin, B. T. - Mechanization of labor-saving processes at the Zaporozh'ye brick and tile works. p. 34.
- Kala, M. K. - Automatic unloading of cob bricks from dryer carts. p. 35.
- Dalov, I. A., Shchokov, M. P. - Electromagnetic hoist for lifting dies in brick manufacture. p. 37.
- Nikol'skiy, M. L. - Eighth International Congress on Mineral Dressing. p. 38.

STROYTEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Gosstroytsekhmashpromstroi po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 11, nos. 3-4, 0, Mar.-Apr., June 1968.

- Table of contents translated:
- Vovchenko, N. L. - Problems of oil- and gas-field construction in the light of the resolutions of the 23rd session of the CPSU. p. 1.
- Zakharovich, G. V. - Trends in mechanization in the new five-year plan. p. 3.
- Kromark, A., Mijal'skiy, Z. - Gas pipelines from the Soviet Union to Czechoslovakia. p. 9.
- Naritskaya, A. A. - Efficient routes for gas networks in the Azerbaijan S.S.R. p. 11.
- Oroshechko, P. N. - Season for the construction of waterlines should be extended. p. 14.
- Ahmedov, A. I., Ruzhetskii, A. R. - Studying the effect of heat on foundations of gas-turbine units. p. 17.
- Kayua, D. F., Lokshin, R. F. - Effect of edge effect on the strength of butt joints of the pipelines made from thermoplastics. p. 21.
- Tarica, V. S., Babanov, M. L., Uudin, V. S. - Studying the resistance of polyethylene pipes to the influence of petroleum. p. 24.
- Gubai, V. P. - Economic relations between organizations should be regulated. p. 26.
- Rubtsov, V. I. - Organizing laying operations. p. 29.
- Poloborokov, S. D. - Laying a pipeline across a marshy section. p. 30.
- Shchuk, G. I., Khodolov, V. F. - Improved organization of dismantling and rotation working of 1000 mm. pipes. p. 31.
- Tamakov, A. F. - Laying the second section of the oil - Kornevskiy petroleum pipeline. p. 33.
- Shchuk, G. I. - Construction of facilities for the gathering and transportation of oil in the Mangyshlak Peninsula. p. 35.

TRUBENT [CONCRETE]. Organ of Ministerstva stroitel'stva materialov SSSR [Ministry for the Building Materials Industry of the U.S.S.R.]. Moscow, vol. 34, no. 8, Sep.-Oct. 1968.

- Table of contents translated:
- Kalyukov, I. I., Kozka, V. P. - Automated operation of a separating mill. p. 1.
- Kryukov, G. S., Mikulov, E. V. - Grinding raw material in ball mills with simultaneous drybag. p. 2.
- Shchuk, G. I., Zargorodskii, M. B., Dudin, I. K. - Intensification of the electric grinding process. p. 3.
- Satarin, V. I., and others. - Electron microscope and thermographic studies of hydration processes in quick hardening slag portland cement. p. 5.
- Ved', K. I., Nijes Van Tichem. - Study of the liquid phase of hydrated portland cement with sorption salt admixtures. p. 6.
- Pokrasov, V. M. - Means for more rapid implementation of completed research. p. 9.
- Zelenskiy, I. T., Mikol'skiy, I. M. - Retraction effect in checking alignment of the axis of rotation in a rotary kiln. p. 9.
- Lisov, A. M., Dukarevich, V. G. - Effect of new price structure in the cement industry. p. 11.
- Legkikh, A. V. - Potential capacities are put in action. p. 13.
- Vul'berg, G. A. - Increased productivity of rotary kilns at higher rotation speed. p. 13.

- Zoshchok, M. I., Eremova, M. P. - Efficiency of using slag portland cement. p. 14.
- Budzhernik, M. I. - Increased rated capacity of basic equipment. p. 15.
- Shchuk, V. I., Trushkina, I. U. G. - Efficient use of refractory materials. p. 16.
- Slepakov, V. M. - Phosphorus slags in cement production. p. 17.
- Zaporozh, V. A., Ryklov, V. D., Stepanov, E. R. - Automatic control system for the Volga grate-type cooler. p. 18.
- Zolotarev, A. A. - Repairing the foundation of a furnace without shutting it down. p. 20.
- Cherap, I. L. - Loading cement on railroad cars with simultaneous weighing. p. 20.
- Smirnov, I. A., Chuprikova, M. I. - Technical communication. p. 21.
- Kilova, N. M. - New foreign patents. p. 22.

a. ELECTRICAL ENGINEERING

ATOMNAYA TEKHNIKA ZA RUBEZOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosatomenergoinformatsionnyi komitet po neprotivopolozhnyim interesam SSSR [State Committee for the Utilization of Atomic Energy in the U.S.S.R.]. Moscow, vol. 13, nos. 3, 7-8, 1968, vol. 13, no. 1, 1969.

AVTOMATIKA, TEHNIKA I SVYAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstva potokobshchestva SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 12, no. 10, Oct. 1968.

- Table of contents translated:
- in U.S.S.R. footstep. p. 1.
- Ovchinnik, V. V., Smolin, A. R. - Grounding of the shielding of a long-distance communication cable. p. 2.
- Korshagin, M. A., Kravtsov, M. P. - VU-12, S/S rectifying unit. p. 11.
- Stukov, V. L. - Use of logical circuits in the preparation of work programs in increasing operational reliability. p. 14.
- Lashchinskii, D. N. - An important lever in the improvement of operations. p. 15.
- Mallavik, V. E., Aspliv, M. V. - Improvement of the synchronization of RTA-MM radio relay apparatus. p. 22.
- Mikhailovskiy, V. M. - Setup for registering the time characteristics of SVSh and YSVSh blocks. p. 23.
- Stukov, V. V. - How to magnetize permanent magnets of relays. p. 25.
- Dobrovolskiy, M. F. - Cable pressure decrease signaling systems should be used on a wide scale. p. 26.
- Chibrikov, A. L. - Device for checking dialing units. p. 27.
- Krasovskiy, G. A. - Symposium held in Leningrad. p. 29.
- Rubtsov, V. G. - Changes in the circuit switch - circuit of a signaling machine. p. 30.
- Khodovskiy, P. L. - Check of the burning-out of fuses. p. 32.
- Petrovskiy, M. A. - Changes in the circuit of a setup for recording the time characteristics of relays in DA-3D signals. p. 32.
- Aleksuk, I. - Defense of dissertations in its program. p. 34.
- Petrov, A. M., Spasinskiy, D. S. - Work and health. p. 35.
- Lashchinskii, L. - Exhibition "Tsel'nyyushch-68." p. 38.
- Besko, A. E. - Replacement of contacts in KSh and KSh type relay plug assemblies. p. 42.
- Relay-type electric clocks. p. 42.
- TOE transformers. p. 42.
- Bolshakov, I. A., Murda, P. L. - Transformer transformers on foreign railroads. p. 44.

Vol. 13, no. 11, Nov. 1968.

- Table of contents translated:
- In preparation for Lenin's anniversary. p. 1.
- Murashov, B. K. - Average trouble-free operation as a factor in computer work. p. 2.
- Akhmetov, O. E. - Additional check of the transmission of train numbers. p. 6.
- Dobrovolskiy, M. F. - Devices for setting time intervals using pulse bridge elements. p. 6.
- Cherkashin, A. P. - Standardization of operations and materials in signaling and communication water-primed. p. 11.
- Automation of train traffic control. p. 14.
- Smolenskii, I. U. - Calculation of engineering and economic efficiency of centralized traffic control using digital computers. p. 17.
- Device for checking DI selectors with a buzzer. p. 18.
- Method for testing automatic cab signaling using an oscilloscope. p. 20.
- Elimination of board instrument effects on a shore wave amplifier. p. 21.
- Telegraph intercom communication. p. 21.
- Installation of a capacitor in the power supply network of a 75 cycle frequency converter. p. 22.
- Smolin, A. R., Koshkov, V. U., Shchuk, M. A. - Study of the shielding action of communication

- cable sheathings under actual conditions. p. 22.
- Ovchinnik, A. I. - We are eliminating the faults of BRP-63M and BRP-63M train radio communication equipment. p. 24.
- Mironov, I. P., Borodin, A. M. - Instrument for testing of pulse counter. p. 27.
- Shchuk, V. I. - Device for testing BRKA-1 code counter cells. p. 32.
- Kuznetsov, M. M., Kuznetsov, R. S. - Some methods of switching to and adjusting ATW 100/2000 exchanges. p. 34.
- More on circuit changes in the main station in exchange of a station communication system. p. 36.
- Belozorov, M. V. - Assembly without soldering. p. 38.
- Ovchinnik, A. D. - The life of the crossing alarm bell has been increased. p. 40.
- Krisov, V. I., Borisenko, L. I. - Third generation of electronic equipment. p. 41.
- Information on the development of wire communication systems abroad. p. 47.

AVTOMATIKA I VYCHISLITEL'NAYA TEKHNIKA [AUTOMATIC CONTROL AND COMPUTER TECHNOLOGY]. Issued by Akademiya nauk Latvishskoi SSR [Academy of Sciences of the Latvian S.S.R.]. Riga, no. 1, Jan.-Feb. 1969.

- Table of contents translated:
- Lashchinskii, E. A. - Laws governing the performance of models of a finite automaton. p. 1.
- Balashov, D. I. - Use of test functions in comparing methods for searching the extrema of functions of several variables. p. 18.
- Lashchinskii, L. P. - Reliability, structure, and behavior of systems. p. 20.
- Shchuk, A. M., Khripkov, M. M. - Mass response to a given action by a linear stationary system with possible discontinuities. p. 25.
- Vayns, K. L. - Derivation of initial data for analyzing a finite automaton. p. 31.
- Pokrasov, V. I. - Functional reliability of nets of formal neurons. p. 37.
- Vologodskiy, G. A. - Reducing the reliability of a finite automaton making allowance for internal failures. p. 44.
- Shchuk, A. A., Makashova, E. K. - Method for determining the reliability characteristics of reduced systems. p. 45.
- Pirogov, V. V., Petrov, I. P. - Designing effective complex systems. p. 48.
- Levin, V. I. - Qualitative analysis of some complex systems. Part I. Mathematical model of a system. p. 67.
- Gel'fand, I. A., Kolosov, L. V. - Discrete analog of integral functional representation and its use in solving the problem of identification of a pulse system. p. 73.
- Pitkov, V. G., Erglis, U. U. - Neuron models. p. 81.
- Dobrov, A. E. - Synthesis of circuits operating on ferro-transistor elements. p. 90.

BIBLIOTEKA ELEKTROMONTERA [ELECTRICIAN'S LIBRARY]. Moscow, nos. 264-267, 1968.

BIBLIOTEKA PO AVTOMATIKHE [LIBRARY ON AUTOMATION]. Moscow, no. 268, 1968.

ELEKTROSVYAZ' [TELECOMMUNICATIONS]. Organ of Ministerstva svyazi SSSR and Gosstroytsekhmashpromstroi po telegrafnoy svyazi SSSR [Ministry of Communications of the U.S.S.R. and the A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 22, no. 10, Oct. 1968.

- Table of contents translated:
- Marchenko, I. U. - Calculation of radio interference of multichannel FM radio relay systems. p. 1.
- Shchuk, V. M., Tykhonov, D. L. - Interference rejection of code train regenerating systems. p. 21.
- Kononov, V. I. - Noise rejection in the reception of binary signals of discrete information in channels with fading during simultaneous action of normal fluctuation and noncoherent distortions. p. 18.
- Orlov, V. A. - Principles of the design of the receiving equipment of long-distance radio communication systems. p. 24.
- Modonov, I. A., Osobchenko, V. B. - Prospects for short-term forecasting of ionospheric conditions affecting communications. p. 28.
- Shchuk, K. M. - Study of a loop antenna. p. 32.
- Arcelevskiy, L. P. - Optimal parameters of time pulse and frequency modulation during the transmission of fixed time bases. p. 43.
- Antipenko, V. A. - Simplified methods for calculating nonlinear distortions and modes of generating tubes during the amplification of a single-tone signal. p. 48.
- Ogibayevskiy, G. G. - Calculation of electromagnetic effects between single-wire lines with shielded approach. p. 54.
- Makarovskiy, I. G., Lavich, I. R. - Design of symmetrical eight terminal networks. p. 63.
- Academicians V. A. Kotelnikov, on his 60th birthday. p. 67.
- Chernokozov, V. D. - Polarized monitoring of signals dispersed in the ionosphere. p. 68.
- Kozlovskiy, O. S. - Determination of the detection capability of a double binary code. p. 70.

- Volynskiy, V. G. - Interdependence of phase-frequency characteristics and their instability for cascade connections of resonant circuits. p. 72.
 Balashovskiy, B. G. - Grouping of symbols in the period of a pseudorandom binary sequence. p. 73.
 Levin, S. K. - Use of FM and PM oscillations for the generation of combined frequencies. p. 77.

Vol. 22, no. 12, Dec. 1968.

Table of contents translated:

- Tapkov, M. L. - Analysis of optimal networks for discrete signals reception with spectrum or time limited background noise. p. 1.
 Lev, A. M., Medvedev, P. A. - Energy spectra in relative phase and hybrid (amplitude-phase) key modulation. p. 12.
 Abolits, A. I. - Selection of signals in a communication channel with common nonlinearity. p. 18.
 Avramenko, V. I. - Accuracy of the transmission of code combinations through a binary channel. p. 23.
 Stokher, V. M., Baranov, S. P. - Study of a shunt resistor for separating a fundamental speech tone. p. 30.
 Sigurdson, V. P., Khokhlovskiy, I. M. - Topological-matrix method for analyzing networks. p. 37.
 Gellandchev, D. P., Mikhelson, M. S. - Composite converter RC-filters and delay lines. p. 48.
 Tikhonov, D. A. - Equivalent representations of four-terminal bridges containing active elements. p. 54.
 Lur'e, B. A. - Second subharmonic of a feedback amplifier. p. 70.
 Kisel', V. A. - Requirements for the characteristics of a filter shaping a single-band signal. p. 74.
 Romanov, I. A. - Calculation of an intermediate stage of a transmitter transmitter. p. 78.

ENERGETICHESKOE STROYENIYE/STROYENIYE energeticheskoy pochnoy opyem [POWER CONSTRUCTION, collection of materials for the exchange of experience]. Issued by Tekhnicheskoye upravleniye Ministerstva stroitel'stva elektrosnabzheniya SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, no. 5 (26), 1967.

Table of contents translated:

- Kota, L. D. - Construction of coal loaders for large thermal electric power plants. p. 3.
 Dudaev, V. K., Kozlov, L. A. - New developments in the design and technology of embedding of pile foundations. p. 11.
 Mann, E. G., Budovskiy, D. B. - Structural features and assembly of a small-scale TPP-10 boiler at the Lugansk State Regional Electric Power Plant. p. 15.
 Nikolsky, A. M., Yelisey, A. I., Dirmann, B. L. - Use of argon-arc welding in the reconstruction of a corrosive steam superheater of a TGM-14 boiler. p. 24.
 Ivanenko, V. D., Kuznetsov, B. S. - Horizontal butt welding of girder joints. p. 25.
 Balashov, L. P., Litvinov, L. S. - Possibility of welding IKhIMF steel pipes without heat treating the welded joints. p. 27.
 Garchukov, R. A., Stepanov, P. D., Vashchenko, A. A. - Construction of a hydraulic engineering tunnel from the Arpa River to the Seven Lake. p. 32.
 Stal'skiy, V. V., Litvinov, B. L. - Evaluating the uniformity of hydraulic engineering concrete. p. 40.
 Tikhonov, R. S., and others. - Parameters for increasing the efficiency of gravity cycle-action concrete mixers. p. 44.
 Kiselev, G. M. - Use of reinforced concrete and metal supports for 35 kV-class electric power transmission lines. p. 48.
 Kiselev, L. A. - Digging of foundation pits for footings of electric power transmission line supports using the BHPK-1, 6/3 drilling machine. p. 57.
 Andreev, V. V. - Investigating plasma cutting of aluminum base bars by forming plasma with nitrogen. p. 61.
 Flek, B. G., Litvinov, A. I., Kiselevskiy, T. L. - Brand 508 concrete with carbonite fillers. p. 64.
 Boris, G. P. - Impervious to water concrete and mortars with chemical thickening admixtures. p. 72.
 Silin, V. S. - Calculation of a protective cover at a blasting site. p. 74.
 Volokhov, V. A., Gorbachev, D. K., Kira Ka Ba. - Full-scale investigation methods on the condition of monolithic reinforced concrete shells of water cooling towers. p. 82.
 Demutskiy, A. L. - Two ways of lowering costs of salts of industrial water supply to thermal electric power plants. p. 87.
 Gerasimov, F. M., Miroshnikov, L. P., Chervashkin, A. M. - Technical and economic indices of the transportation of sectional concrete to the construction site of the Kiev Hydroelectric Power Plant. p. 90.
 Borisev, V. A., Gorokhovskiy, I. A., Resnik, G. V. - Use of capital production assets of the Tekhnicheskoye Stroyeniye Trust. p. 93.

No. 7 (18), 1967.

Table of contents translated:

- Krasovskiy, M. S. - Plans for completing the construction of thermoelectric power plants. p. 3.

- Krasovskiy, A. E. - Construction of a marine water intake at the South-Baltic State Regional Electric Power Plant. p. 5.
 Dubrovskiy, V. B., Mironov, A. F., Pospelov, V. P. - Reinforced concrete for biological protection of atomic electric power plants. p. 8.
 Khidishel', A. E. - Installation of PTVM-100 and PTVM-50 boilers for water heating. p. 11.
 Rogalskiy, B. G. - Equipment for machining butt ending of pipes for welding in assembly work. p. 14.
 Stokhoyev, V. L., and others. - Controlling the quality of the metal of heating surfaces and pipelines of the 300 MW headwork block of the "Trotitsa" State Regional Electric Power Plant during the assembly period. p. 18.
 Levin, S. K. - Starting-up and adjusting operations on the TP-100 boiler unit with a 300 MW capacity block at the Burskiy State Regional Electric Power Plant. p. 20.
 Bogdanova, M. M., Gerasimova, V. L. - New types of heat insulation coverings with plastic and fiber glass as base materials. p. 24.
 Polonskiy, G. A. - Assembly of embedded parts and fittings at hydroelectric power plants. p. 30.
 Mariushev, V. I. - Experimental assembly of embedded parts of hydraulic structure gates without layways. p. 34.
 Barid, L. M., Tsvetkov, A. P. - High-pressure gases of water delivery structures. p. 38.
 Egorov, A. V., Dedal', V. A. - Mechanical equipment of the Marius Hydroelectric Power Plant named for V. I. Lenin. p. 44.
 Frolovskiy, A. R. - Some results of full-scale analyses of deep-set gate vibrations. p. 50.
 Vinogradov, D. E. - Installation of electric power transmission towers on slopes. p. 54.
 Voronkov, L. A., Krasnitskiy, I. A. - Causes of failure of ST-1 struts. p. 58.
 Solovov, B. I. - Heating of large transformers during installation from units with silicon rectifiers. p. 62.
 Kochenashki, A. L., and others. - New high-temperature heat-insulating products made of basalt strips filled with an inorganic base. p. 64.
 Vorobey, V. V., Tikhonov, B. T. - Semi-automatic welding of large diameter reinforcement joints by the uncoupled alloy wire (SODOP) method. p. 67.
 Skolod, G. L. - Painting of truck bodies by means of airless spraying. p. 70.
 Khromchenko, V. A. - Evaluation of existing methods of heating during heat treatment of pipeline joints at thermal electric power plants. p. 72.
 Plekhanov of the Electric Power Construction Division of the Scientific Technological Society of the Power Industry. p. 75.

ENERGETIK (ELECTRIC POWER TECHNICIAN). Issued by Ministerstvo energoizdat i elektrifikatsii SSSR and Tekhnicheskoye upravleniye Tekhnicheskoye elektrosnabzheniya i elektropromyshlennosti (Ministry of Power and Electrification of the U.S.S.R. and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry). Moscow, vol. 18, no. 11, Nov. 1966.

- Table of contents translated:
 Fifty-first anniversary of the Great October Revolution. p. 1.
 Flekshovskiy, I. M. - Unforgettable days. p. 2.
 Kuznetsov, P. I. A. - Union plant in Leningrad. p. 3.
 Kiselev, G. L. - Lugansk State Regional Electric Power Plant "70th Anniversary of Soviet Power." p. 3.
 Maslov, V. K., and others. - Operation of boiler with pulverized coal concentrators. p. 8.
 Krutskov, B. I., Talov, T. M. - Properties of the metal of steamships from 1200 and 1800 steel after 100,000 hours of operation. p. 9.
 Zolotarev, G. L. - Unit for signaling the stoppage of a turbine rotor. p. 12.
 Polovnikov, V. A., Babin, V. A., Kabanov, B. L. - The RS-8 small-sized device for testing cables and hoses. p. 14.
 Plotov, L. F. - Schematic of the automation of power distribution networks of large cities. p. 18.
 Sazonov, G. P., Mikhelson, I. A. M. - Breakdown of incrustations in an operating boiler. p. 18.
 Kiselevskiy, M. D. - Determination of percentage content of calcite and anhydrite in a mixture. p. 20.
 Medvedevskiy, P. A. - Electromagnetic transfer valve 40/30 at. p. 20.
 Bayre, I. I. - Complete substitution unit of the 100-100 k-v. series. p. 20.
 Degil', G. S. - Cleaning of gas cooler pipes of KRY-type synchronous compressors. p. 22.
 Khlyustov, V. V. - Redesigning of the standard network of the PPM-10 spring drive. p. 23.
 Vozhakovskiy, P. I. - Experience in the operation of 25kV air-blast switches. p. 24.
 Mandrykin, S. A. - Use of M-11 electromagnets in the capacity of magnetic separators. p. 24.
 Khramov, M. I. A. - Conversion of electric motors to operation on reduced speed. p. 28.
 New regulations for technical operation of electric networks and power plants (in a brief exposition). Overhead power distribution lines. Cable power lines. p. 27.
 Gorbunov, A. V. - Structures of overhead lines into low buildings. p. 29.
 Pashchenko, G. A. - Power synchronous construction personnel should receive our attention and concern. p. 33.

Through the pages of technical magazines. p. 38.
 From the editor's mail. p. 37.
 I. A. I. Pospelov; obituary. p. 38.

OSUDARSTVENNIY INSTITUT PO PROEKTIROVANIU I ISLEDUVANIU VERYVOYEGOPAZNOGO ELEKTRO-OBORUDOVANIYA. VYRYVOBOPOZNOGO ELEKTRO-OBORUDOVANIYA [STATE PLANNING AND RESEARCH INSTITUTE FOR EXPLOSION-PROOF ELECTRICAL EQUIPMENT. Explosion-proof electrical equipment]. Moscow, no. 8, 1967.

Table of contents translated:

- Boikov, M. A., Tsvetkov, M. A., Iuravskiy, O. P. - Some problems of explosion protection of the sheathings of electrical equipment used in acetylene-air media. p. 3.
 Bratish, K. I., Khromskiy, M. V., Khromskiy, A. S. - Bonding of explosionproof sheathings of electrical equipment during short circuits. p. 8.
 Kiselevskiy, A. S., Popov, I. A., Khromskiy, M. V. - Origination of an arc-type short circuit during the ignition of a combustible mixture in electrical equipment sheathings. p. 11.
 Pogorel'skiy, A. M. - Calculation of minimal energy of ignition and its dependence on the constant of combustible mixtures. p. 14.
 Chibrikov, V. M., Poldak, T. A. - Igniting of combustible mixtures by elements of low-power lamps. p. 17.
 Ignatiev, L. V., Shilov, Zh. A. - Use of correlation methods in the calculation of the demand for explosionproof electrical motors. p. 21.
 Orlov, V. I. - Economic and mathematical model of the specialization of the manufacture of explosion-proof electrical motors. p. 24.
 Orlov, V. I., Sharova, M. M. - Dependence of the production costs on the degree of the utilization of the capacity of a plant. p. 42.
 Kiselevskiy, M. I., Chertok, B. M. - Calculation of additional losses and stray torques in three-phase asynchronous motors with squirrel cage rotors. p. 44.
 Korobov, V. K., Soroko, P. A., Blinov, M. G. - Dependence of the heat line constant of electrical machines on their load. p. 53.
 Berikovich, A. M., Korobov, P. A. - Study of the thermal resistance of an air gap between the stator plates and the hull of an enclosed induction motor. p. 63.
 Anisimov, K. I., Gorbachev, R. B. - Testing of the bearing assemblies of explosionproof electrical motors for mechanical wear. p. 70.
 Povolotskiy, M. E. - Study of the size of explosion preventive gaps of the bearing assemblies of V4D motors. p. 81.
 Kiselevskiy, K. V., Tikhonov, K. P. - Testing of chemically stable ABB-series electric motors for operation in chemically aggressive media. p. 84.
 Vashkov, B. M., and others. - Testing the strength of external flow fans of explosionproof electrical motors. p. 84.
 Shilov, V. V. - Three-phase transformers with T-type winding connections. p. 104.
 Shilov, V. V. - Calculation of losses of aluminum heat conducting plates of quartz-filled transformers. p. 118.
 Mikhelson, K. P., Stal'skiy, M. V., Mikhelson, A. G. - Study of the heating of TGM-18 quartz-filled transformers. p. 123.
 Lashinov, V. P., Rylov, D. P. - Standardization of current conducting heat terminals of explosionproof electrical apparatus. p. 130.
 Kogan, K. I., Kiselev, V. K., Sharov, A. V. - Study and improvement of ZHRM liquid rheostats. p. 134.
 Medvedev, S. S., Yarovskiy, V. M. - Volting restoration on switch contactors during the switching of short-circuits in electric networks in mine sectors. p. 144.
 Ogurovskiy, G. F. - Determination of the dependence maximal permissible test voltage of electric insulating materials on their breakdown voltage. p. 153.
 Bilan, V. D., Ogurovskiy, G. F. - Effect of hydrogen-air and acetylene-air mixtures on the surface breakdown voltage and leakage currents of some insulating materials. p. 163.
 Zhadnov, I. S., Filippov, A. M. - Selection of an a.c. rectification network for the power supply of electromagnetic mechanisms. p. 166.
 Prokhorovskiy, M. I. - Selection of an electric power supply system for the traction networks of mines. p. 172.
 Plotov, A. I., Sergeev, M. P. - Mine traction substation with regulated rectifiers and its protection from short-circuit currents. p. 177.
 Petrichenko, V. F. - Determination of the length limit of a mine cable line taking into account start conditions of a large electric motor. p. 184.
 Plotovskiy, T. A., Khokhlovskiy, L. M. - Calculation of the input impedance of a mine network sector to high-frequency currents. p. 186.
 Yarovskiy, V. M. - Problems of electrical safety in using 1140 volt potential in coal mines. p. 193.
 Rinaev, I. A. - Calculation of the currents of a mine network with a switched-in motor operating in a two-phase short mode through a contact resistance. p. 196.

- Petrovskiy, V. F. - Analysis of transients of a mine network from the viewpoint of the high-speed protection response of the system of advanced switching. p. 303.
- Dukhan, V. S. - Effect of the transients of mine networks on the operation of leakage protection equipment. p. 314.
- Dukhan, V. S., Zhelezovskiy, Kh. M. - Effect of capacitance compensating devices on the operation of the recloser networks of leakage protection equipment. p. 321.
- Kononov, V. P. - Effect of network capacitance on the operation of leakage protection equipment of d.o. networks. p. 330.
- Losovol, V. M., Nedoselov, S. S., Rinta, I. A. S. - New band protection equipment for electric motors in mines. p. 334.
- Losovol, V. M. - Study of thermal protection equipment during emergency conditions in electric motors in mines. p. 343.
- Maslin, A. K. - Prospects for using miniature drives in mine hoisting mechanisms. p. 349.
- Datskovskiy, L. Kh., and others. - Static frequency converters for the drives of underground hoisting equipment. p. 355.
- Kashir, K. A., Mezumenko, V. V. - Study of VEM-100 electromagnetic friction clutch as a load regulator for mining machines and mechanisms. p. 364.
- Volodin, V. I. - Graphical method for calculating the start resistance of an electrical drive with a induction motor. p. 373.
- Krasin, P. A., Resnik, L. B. - New instruments for studying explosionproof electrical equipment. p. 383.
- Korobov, V. K., Sitopko, D. F. - Thin-film heat transduction transducers based on vacuum condensation of nickel. p. 388.
- Golubev, R. G., Sitopko, D. F. - Capacitive hygrometer for measuring the humidity of air in sealed volumes. p. 394.
- Kukla, S. V. - Industrial tests of equipment for measuring horizontal elastodynamic loads of the armoring strands of vertical mine shafts. p. 403.
- Aptekars, A. S., Ignat'eva, L. K. - New method for program insertion with "floating point" in the "Minsk-1" digital computer. p. 415.
- MOSCOW. VYSSHOBYMYI NAUCHNO-ISLEDOVATELSKIY INSTITUT ELEKTROTEKHNIKI I ELEKTROKHOZ'YAZHIVAYA. Nauchnye trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RURAL ELECTRIFICATION. Studies]. Vol. 30, 1967. Scientific transactions on the electrification of agriculture: scientific bases for the electrification of agriculture. Table of contents translated: Listov, P. M. - Mechanization and electrification, the most important factors in the electrification of agriculture. p. 3.
- Bodan, I. A. - Organization of scientific research on the electrification of agriculture. p. 23.
- Bashurov, S. V. - Results and perspectives of the development of agricultural electrification in the U.S.S.R. p. 37.
- Krasov, V. S. - Complex electromechanization of cattle raising farms. p. 52.
- Korolev, V. F. - Electric machine-milking of cows. p. 77.
- Brumer, G. L. - Mechanization of milk lines on the farm and the equipment for the initial treatment of milk. p. 104.
- Morshov, G. I. - Electromechanization of labor demanding processes in sheep raising. p. 127.
- Perchikkin, A. V. - Electromechanization of labor in sheep raising. p. 154.
- Baris, R. M. - Electrification of poultry raising. p. 159.
- Lagovskiy, M. V. - Electromechanization of water supply in agriculture. p. 213.
- Sov, V. A., Krasov, V. V. - Electrification of transportation work on livestock farms. p. 233.
- Stetsenko, V. G. - Electrification of the mobile processes in field cropping. p. 251.
- Lebedev, S. P. - Electrical transmission with independent supply sources of electrical energy in mobile agricultural machinery. p. 301.
- Beromskiy, V. I. - Independent supply units for the electrification of field cropping work. p. 315.
- Mikheyev, G. I., Krasov, V. V. - Electrification and automation of the postharvest treatment and storage of grain. p. 333.
- Prishchep, L. G. - Electrification of sheltered ground. p. 344.
- Smirnov, V. I., Andreeva, M. M. - Electric heating in agricultural production. p. 363.
- Denis, A. V., Eliseev, M. M., Malukov, B. G. - Use of thermal energy in agricultural production. p. 363.
- Krasov, V. S., Bakhtev, M. F. - Optical radiation, electromagnetic fields and ultrasound in the technological processes of agriculture. p. 430.
- Banov, A. M. - Use of electron-ion technology in agriculture. p. 443.
- Kil'mov, A. A. - Optimality problem in electrified agricultural production and ways and means to solve it. p. 457.
- Chibrikov, D. G. - Electrification in the living conditions of the rural population. p. 484.
- Koba, L. K., and others. - Reliability of electrical supply for agricultural users and the quality of electric energy. p. 494.
- Bahter, I. A. I. - Usage of wind and its role in the energy systems of agriculture. p. 513.
- Smirnov, S. V. - Dispatching and directing agricultural production. p. 552.
- Lavits, M. B. - Use of electronic computers in rural electrification. p. 559.
- NOVOYE VZGLYAD NAUKE, TEKHNIKE. Seriya "Radioelektronika i yeyey" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Radioelectronics and Communications" Series]. Moscow, no. 8, 1968.
- POLUPROVODNIKOVYE SVETIYEMOYE MANOSKONDANNOYE DIAPAZONOV VYKHOZOV ELEKTRONIKI [SEMICONDUCTOR CIRCUITS OF NANOSCOND BAND IN NUCLEAR ELECTRONICS]. Issued by Moskovskiy tekhnicheskoye inzhenering institut [Moscow Institute of Engineering Physics]. Moscow, no. 1, 1967. Table of contents translated: Gantsev, V. A. - Nanosecond band transistor pulse current amplifiers. p. 3.
- Chomolov, A. D., Gavrilov, L. K. - Nanosecond band linear transistor band-pass filter. p. 14.
- Gribanov, V. A., Ushakov, G. P. - Nanosecond band amplifiers. p. 34.
- Mishchenko, B. G., Zayodskiy, V. K. - Networks for linear summation of nanosecond band pulses. p. 43.
- Mishchenko, B. G., Samarskiy, P. A., Zayodskiy, V. K. - Networks for nonlinear summation of nanosecond band pulses. p. 54.
- RADIO. Organ of Ministerstvo svyazi SSSR and Vsesoyuznaya obshchestvennaya organizatsiya armii, avistati i sots [Ministry of Communication of the U.S.S.R. and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 11, Nov. 1968. Table of contents translated: Under the Lead banner. p. 1.
- V. I. Lenin and Soviet radio. p. 2.
- Govindinov, V. - Fifty years of Soviet radioelectronics. p. 5.
- Taird Plenum of the Central Committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. p. 6.
- Samit'ko, S. - Where giants are born. p. 8.
- Kargopolov, T. - Results of the years of sports. p. 10.
- Kryukovskiy, V. - Radio competitions near Novos. p. 12.
- Grigor'ev, M. - At the forum of leading participants of an all-union sports tournament. p. 12.
- Klimov, N. - Mathematics. p. 13.
- Karpov, I. - Radio station using coaxial resonators. p. 17.
- Ivanov, S. - "Double square" antenna for 22 mc. band. p. 18.
- Darokova, T., Filipov, V. - Portable television receiver. p. 20.
- Rivkin, L., Galis, M. - Stereophonic amplifier with a selective receiver. p. 21.
- Lomskovskiy, V. - Device for testing power transistors. p. 27.
- Kireev, A., Sukhtov, V. - Ultrashort wave radio station R-113. p. 33.
- Kobal', D., Ergashviliy, M. - Color television in science and technology. p. 33.
- Martynov, V. - Television camera on the ocean floor. p. 34.
- Dolgikh, V. I., Dolgikh, V. V. - Smoothness of volume control. p. 35.
- Astashev, L. - The DRV-0.1 electric motor in a magnetic tape recorder. p. 37.
- Ivanov, S. - Testing fork device for testing keyboard mechanisms. p. 38.
- Ivanov, V. - Christmas tree lights device. p. 40.
- Bal', S., Bardinskii, V. - Automatic gain control based on current branching. p. 41.
- Golubev, V. - Wobbling frequency generator. p. 43.
- Golubev, S., Lavits, V. - The "Radio-4" radio receiver. p. 44.
- Vorob'ev, S. - Tracking radio receiver. p. 45.
- Malkin, R. - Nonlinear resistors and condensers. p. 47.
- Vasilev, V. - M-p-a transistors in low-frequency amplifiers. p. 54.
- References sheet. p. 64.
- In foreign countries. p. 58.
- Our communications. p. 61.
- RADYOTEKHNIKA [RADIO ENGINEERING]. Organ of Vsesoyuznaya tekhnicheskaya obshchestvennaya radiotekhnicheskaya organizatsiya [A. S. Popov (A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications)]. Moscow, vol. 22, no. 11, Nov. 1968. Table of contents translated: Fifty-first anniversary of the Great October Revolution. p. 1.
- Bakhtev, S. S. - Contribution to the theory of structural synthesis of linear radio engineering circuits. p. 2.
- Volkov, V. M., Marlin, B. I., Krasov, V. A. - Stabilization of the phase characteristics of a resonant parallel circuit. p. 7.
- Martynov, V. V. - Incidence of a plane electromagnetic wave on a thin dielectric layer. p. 10.
- Brickman, S. S. - Distortions of a Barker signal in an ideal linear system and an RC filter. p. 14.
- Orlov, A. G. - Calculation of the noise of nonreciprocal distributed multiterminal networks with losses. p. 20.
- Vasilevskiy, M. V., Krasov, V. I. - Engineering design of strip Y-circulators for the decimeter band. p. 24.
- Kolotarev, I. D. - Passage of RF pulses with exponential envelope through an N-cascade tuned amplifier. p. 31.
- Volkov, A. - Nonlinear analysis of FM reception below the noise threshold. p. 38.
- Andreev, I. S. - Interference stability of carrier (telegraphy) in a channel with selective fading. p. 47.
- Perepelatnik, P. A. - Contribution to the theory of a reflex autodyne. p. 54.
- Milko, L. B. - Effect of the periodic change of parameters on the correctional capability of a resonant phase device. p. 61.
- Tager, P. G. - Frequency independent restoration of amplitudes of oscillations in multichannel transmission. p. 70.
- Gigord, V. P. - Hybrid matrix of an electrostatic circuit. p. 73.
- Mikhailov, V. A. - Average number of overloads of the models of a polarization factor. p. 85.
- Belokopylov, M. M., Chomolov, A. I., Popov, I. A. - Thermal resistance between the body of a transistor and the radiator. p. 90.
- Rosov, V. M. - Change in telegraphy transmission speed during reception of fading signals. p. 93.
- Andreev, V. S., Movchanovskiy, K. V. - Low-frequency parametric amplifier. p. 94.
- Tishchenko, A. - Letter to the editor. p. 100.
- Twenty-Fifth Scientific Session of the A. S. Popov Scientific and Technical Society of Radio and Electronics. p. 103.
- D. A. Vvedenskii on his 75th birthday. p. 105.
- A. I. Bary on his 75th birthday. p. 107.
- V. A. Zolotarev on his 80th birthday. p. 109.
- RADYOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 1, Jan. 1968. Table of contents translated: Pchelovskiy, A. A. - Minskograd Radio Laboratory "V. I. Lenin" on the 50th anniversary of its foundation. p. 3.
- Konstantinov, I. A. E., and others. - Theoretical and experimental study of the diffraction of a plane wave on a bar grid. p. 8.
- Kuvshinov, G. S., Begarashvili, G. P. - Diffraction of a plane electromagnetic wave on a slanted grid of conducting wires. p. 18.
- Krasovskiy, S. K. - Expansion of forced oscillations of open systems according to discrete spectrum eigenvalues. p. 28.
- Kravchenko, V. F., and others. - Methods for calculating a boundary value problem in electro-dynamics with mixed boundary conditions and its experimental verification. p. 31.
- Parikhov, M. S., Vainov, S. A. - Effect of self-frequencies spectrum of an open resonator on its resonance characteristics in the "reflection" mode. p. 35.
- Mikhailov, V. V., Korotkiy, D. L., Kozlov, L. P. - Calculation of the dispersion matrix of a waveguide transformer with ferrite longitudinal magnetization. p. 44.
- Tsvetkov, V. V. - Unconditional statistical characteristics of phase differences of two gaussian random processes. p. 48.
- Tsvetkov, V. V. - Effect of amplitudes on the conditional statistical characteristics of phase differences of two gaussian random processes. p. 53.
- Medvedev, I. U. B. - Optimal two-step procedure in radar measurements with unknown signal-to-noise ratio. p. 73.
- Vasilevskiy, M. L. - Mutual relationship between statistical amplitude, angular, and phase characteristics of signals scattered by an extended body. p. 84.
- Kiselev, A. K. - Synthesis second-order characteristics of narrow-band stationary band random processes. p. 81.
- Tager, A. S., Khodavich, A. D. - Avalanche-transit diode generators in the centimeter band. p. 97.
- Bareish, L. I., and others. - Noise generator using an avalanche-transit diode. p. 104.
- Mikheev, A. L., and others. - Realization of single-mode operation by a CO₂ laser. p. 111.
- Mikhailov, A. L., and others. - Prospects for using holography techniques in the realization of new types of memory devices. p. 113.
- Shrokin, G. V. - Decreasing the work function of an oxide subject to the action of an electrical field. p. 124.
- Krasovskiy, V. A. - Nonlinear theory of a gyro-resonance transverse wave tube. p. 123.
- Gerasimov, E. M., Petkov, P. A. - Study of a microwave three-resonator autodyne system. p. 127.

-

REFERATIVNYI ZHURNAL: PROMYSHLENNOYI TRANSPORT (JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION). Issued by Vsesoyuznyi Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 13, Dec. 1968. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: STROITEL'NYE I DOROZHNOYE MASHINY (JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1968.

REFERATIVNYI ZHURNAL: TEKHNOLOGIYA MASHINOSTROENIYA (JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINERY MANUFACTURE). Issued by Vsesoyuznyi Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 19, Oct. 1968.

REFERATIVNYI ZHURNAL: TEPLONERGOBUILITEL'NAYA (JOURNAL OF ABSTRACTS: HEAT ENGINEERING). Issued by Vsesoyuznyi Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 3, Mar. 1968; no. 1, Jan. 1969.

REFERATIVNYI ZHURNAL: TRAKTORY I SEL'SKOKHOZIAISTVENNYYE MASHINY I ORUDIA (JOURNAL OF ABSTRACTS: TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 18, Oct. 1968.

REFERATIVNYI ZHURNAL: TRUBOPROVODNAYA TRANSPORT (JOURNAL OF ABSTRACTS: PIPELINE TRANSPORTATION (Separate Issue 45)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1968.

REFERATIVNYI ZHURNAL: TURBOSTROENIYE (JOURNAL OF ABSTRACTS: TURBINE MANUFACTURE (Separate Issue 49)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1968.

REFERATIVNYI ZHURNAL: VOПРОСЫ ТЕХНИЧЕСКОГО ПРОГРЕССА И ОРГАНИЗАЦИИ ПРОИЗВОДСТВА В МАШИНОСТРОЕНИИ (JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 38)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1968.

REFERATIVNYI ZHURNAL: VYKAMODENIYIE RAZNYYKH VEDOV TRANSPORTA I MONTAZHNYKH PERNYVOZKI (JOURNAL OF ABSTRACTS: CONVERSION OF VARIOUS TYPES OF TRANSPORTATION (Separate Issue 31)). Issued by Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1968.

REFERATIVNYI ZHURNAL: ZHELEZNODOROZHNOYI TRANSPORT (JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION). Issued by Vsesoyuznyi Institut naukoobrazovaniya i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 13, Dec. 1968. [This journal is also issued in parts.]

STROITEL'NYE I DOROZHNOYE MASHINY (CONSTRUCTION AND ROAD MACHINERY). Organ of Ministerstva stroitel'nogo, dorozhnogo i kommunalnogo mashinostroyeniya SSSR [Ministry of the Manufacture of Construction, Road, and Communal Machinery of the U.S.S.R.]. Moscow, vol. 12, no. 10, Oct. 1968. Table of contents translated: Krivonozhko, I. R., Dorozhko, I. N., Kasin, G. V. - D-718 and D-807 bulldozers. p. 1. Ushakov, F. Kh., Bardakov, S. V. - D-749 soil mover for open-pit mines. p. 2. Levitskiy, B. P., Lerpish, A. P., Cherkashin, T. G. - DS-504 two-disc joint roller. p. 3. Trifunov, M. A. - PPS-130 mowing machine. p. 4. Volk, B. Kh. - Strength calculation methods for bulldozer dumps. p. 5. Lyashko, L. P. - Hydromechanical drives in foreign road machinery with a branching of the power flow in the torque converter. p. 6. Nekrasov, P. I., Parfenov, V. I., Koryagin, V. M. - Introduction of curved separators at cement plants. p. 7.

Kostikov, V. F., Shchegolev, M. A. - New KM-170 drying drum. p. 13.

Burman, V. A., Kirmolov, P. S. - Calculating parameters of sloping vibration screens during the reverse motion of the vibration shaft. p. 14. Kozlov, N. K., Lomtas, V. I. - New method of press-working of cylinder nozzles. p. 15. Volkov, A. K. - KMG-180 assembly crane. p. 16. Uvarov, G. F. - Methods of determining the critical power in designing cranes. p. 17. Potvin, I. V. - Loading machines of the Italian firm FAL. p. 18. Nikishin, V. V. - Air treatment method in the pneumatic system of excavators working under low-temperature conditions. p. 19. Isakchenko, I. M. - Self-propelled rock-cutting machines. p. 20.

Belou, G. G., Belousov, A. I. - Heating of induction motors during changes in voltage and frequency of the feed current. p. 21.

Kharin, A. I. - ZGM-2M modernized section dredge. p. 22.

Rukhovich, A. V., Agapov, M. I., Rudakov, A. V. - Reliability of hydraulic drive elements in the turning mechanism of excavators. p. 23.

Fishtal, S. I. - Hydraulic liquid drive of grab bucket jaws. p. 24.

Omas, I. A. V. - Contemporary methods in the technology and production management at the plants of the Main Administration of the Land Reclamation Machinery. p. 25.

Golubov, D. P. - Thin-layer polymer coatings in sliding bearings. p. 26.

Berzov, G. G., Pavlovskiy, P. A. - Carrier plates. p. 27.

New inventions. p. 28.

Technical conference on production quality. p. 29.

Reply to article "On a single feeding system for construction and road machinery" of B. F. Kharov, published in issue no. 10, 1968. p. 30.

Vol. 12, no. 11, Nov. 1968.

Table of contents translated: Welcoming the 31st Anniversary of the Great October Revolution. p. 1.

Izrael, B. G., Vlasov, V. N., Karlov, L. M. - Tubular S-1041 diesel engine. p. 2.

Orlovskiy, E. D. - D-700 grader with hydraulic control. p. 3.

Volkov, A. K. - M8K-47 drilling machine. p. 4.

Pogorelov, M. A., Kozlov, M. I., Rukhovich, L. E. - Experimental scraper with diesel-electric transmission and motor wheels. p. 5.

Rukhovich, M. I., Rukhovich, B. K. - Study of the process of cultivating rocky soils with a high-speed mounted cultivator. p. 6.

Dmitriyev, V. R., Lyashko, G. I., Shchegolev, E. A. - Constructing 16-ton-type tractors for operations under conditions of the Northern region. p. 7.

Kozlovskiy, N. A., Shchegolev, E. A., Rukhovich, L. E. - 758/3 automated machine-tool for bending reinforcing steel into required shapes. p. 8.

Shchegolev, G. M. - S-723 two-roller hammer crusher. p. 9.

Bokshiev, I. S., and others. - Internal magnetostriktion transducer for torque measurements. p. 10.

Shchegolev, B. M., Ogurtsov, E. M., Karlov, A. A. - Investigating the electric drive of vibration platforms made of standardized blocks. p. 11.

Pavlovskiy, E. A., Ushakov, V. S., Boldov, I. U. V. - Experimental determination of the advance angle of equivalent crushing forces in fine cone crushers. p. 12.

Volkov, A. K. - Flexible manipulator of a tower crane. p. 13.

Kozlov, I. A., Sigal, I. A. E. - Study of transportation schemes for mobile tower cranes. p. 14.

Fukunov, S. I., Kozlov, S. G. - Modernization of M-1000 and M1000E tracked cranes. p. 15.

Kuchuk, N. M. - Use of thyristors in the electric drive of assembly crane mechanisms. p. 16.

Morozov, L. A., Litvinchik, A. A. - Selecting the proper speed for assembly cranes in industrial construction. p. 17.

Selivanov, A. M., Sakharov, E. A., Vasil'kov, A. V. - Investigating the strength and rigidity of wind drums. p. 18.

Kozlovskiy, B. M., Vasil'kov, V. P. - Strength calculation of metal structures in the working equipment of single-bucket construction excavators used in Northern regions. p. 19.

Fukunov, S. I. - Dynamic loads in the turning gear of turbo-propellers. p. 20.

Shchegolev, A. A. - Control servomechanism of hand brakes of multi-hoist single-bucket excavators. p. 21.

Selivanov, A. A. - S-990 centrifugal mill. p. 22.

Apparatuses for spraying paint and varnish. p. 23.

Modernization of pneumatic hand tools, pneumatic vibrators and construction finishing machines manufactured by the enterprises of the Ministry of Construction and Road Machinery. p. 24.

TEORIYA MASHINNOY I MASHIN (THEORY OF MECHANISMS AND MACHINES). Kharkov, no. 4, 1967.

Table of contents translated: Kozlovskiy, E. M. - Development of basic trends in

the theory of machines and mechanisms of the 50 years of Soviet regime. p. 1.

Bolshakov, V. I. A. - Synthesis of a mechanism. p. 2.

Tartakovskiy, I. I. - Optimum approximation of a piecewise-continuous function by a continuous function. p. 3.

Tartakovskiy, I. I. - Problem of optimum approximation of a curvilinear profile by means of a continuous arc. p. 4.

Kirichenko, T. M., Trunov, A. N. - Interference of a transient part of a profile of a toothed wheel. p. 5.

Roditskiy, V. I., Zagrebelskiy, V. N. - Analysis of the side surface of circular teeth of a toothed wheel. p. 6.

Koval', G. A., Lavrenko, L. A. - Characteristics of a profile of a toothed wheel. p. 7.

Salaman, V. E. - Radial - spiral level with a constant width of the top band. p. 8.

Shchegolev, I. M., Shchegolev, V. M. - Analytical investigation of a mechanism modified by the two-sided camshaft. p. 9.

Abramov, B. M., Abramov, A. I. - Investigation of a mechanism with absolutely elastic impacts. p. 10.

Klimovskiy, V. P., Rapota, M. P. - Calculation of a mechanism with a two-sided camshaft support. p. 11.

Shchegolev, I. I. - Synthesis of a four-link mechanism according to a given trajectory of the coupler. p. 12.

Elchin, M. V. - Maximum stresses during the contact of the teeth of the wheel against the rail. p. 13.

Bokshiev, I. U. - Line of contact of a toothed wheel with a herringbone tooth wheel. p. 14.

TEPLOENERGOBUILITEL'NAYA (HEAT ENGINEERING). Organ of the Academy of Sciences of the U.S.S.R. and others. Moscow, vol. 12, no. 11, Nov. 1968.

Table of contents translated: Prokhorov, F. G. - Changing of turbine conditions in electric power plants with 300 Mw. p. 1.

Mamont, A. P., Alekseyev, G. I. - Steam generator in the establishment of water condensation conditions with supercritical pressure. p. 2.

Prokhorov, A. M. - Decreasing the pressure of steam in the desulphurizing of water in a steam generator. p. 3.

Barva, E. G., and others. - Raising of the efficiency of boiler units with mixed action. p. 4.

Strutovskiy, V. P., Tishchenko, M. D., and others. - Use of sulfonated coal filters for the removal of iron from the condensate of a boiler. p. 5.

Selivanov, O. A., Ushakov, B. M. - Calculation of the sodium in the waters of thermal power plants using hydrogen from the electrolysis of water. p. 6.

Lokshin, V. A., Semenov, L. E. - Calculation of the temperature conditions of a steam generator with supercritical pressure. p. 7.

Filimonov, S. S., and others. - Calculation of the temperature and thermal resistance of a steam generator with supercritical pressure. p. 8.

Makarov, V. M. - Study of the operation of a blade-type pulverized coal feeder under various conditions. p. 9.

Gorbachev, A. D., and others. - Distribution of combustion products in the burning of a fuel in a steam generator. p. 10.

Kuznetsov, A. M. - Calculation of the pressure of a liquid in the intergap space of a steam generator. p. 11.

Belousov, V. M., Gromova, A. I., Gerasimov, V. I. - Corrosion action of steam in a vapor phase flow from water with different pH values. p. 12.

Golubev, V. M., Koshchikov, M. P., and others. - Testing of an experimental section of a steam generator from K1810 steel. p. 13.

Rukhovich, V. M., and others. - Measurement of the thermal load of a once-through type boiler. p. 14.

Gorbachev, A. D., and others. - Experimental study of the design of high-pressure steam generators. p. 15.

Trubnikov, M. A., Prokhorov, F. G., Kozlovskiy, B. M. - Heating of steam turbine inlet pipes. p. 16.

Makarov, M. Kh. - Experimental study of a turbine in turbine lattices at low Reynolds numbers. p. 17.

Kozlovskiy, L. A., Kuznetsov, L. V., and others. - Study of the stationary temperature field of a cooled gas turbine blade using a semi-empirical model. p. 18.

Lobanov, L. M., Raditskiy, I. U. - Study of the stationary thermal stresses in a turbine blade using a photoelasticity technique. p. 19.

Strutovskiy, V. P., Oshchakov, V. M. - Boundary of the aerodynamic stability of superheated steam and saturated steam. p. 20.

Ilyashenko, L. A., and others. - Effect of gas composition on the composition of soot on the operation of a steam generator. p. 21.

Kozlovskiy, M. M., Mavritskaya, E. I. - Lowering the deposition of calcium sulfate on heating surfaces at low temperatures. p. 22.

Kozlovskiy, E. U. - Thermodynamic problems of the run of reactions with presence of hydrogen. p. 23.

Kozlovskiy, A. A. - Electronic model of steam generator variation of power generating units. p. 24.

- Tikhonov, V. A., Shatlova, M. M. - Mechanized gas intake device with automatic control for the study of combustion processes. p. 79.
- Solovov, E. I. A., Vozhakov, V. P. - Methodology for calculating the central regulation of closed-loop autonomous heat supply systems. p. 83.
- Vodakov, M. P., Alkhanderov, A. A., Trahten-gerts, M. S. - Equation of state of superheated water vapor for industrial calculations on electronic digital computers. p. 84.
- Receptibility to damage of individual elements of power generating equipment in the U.S.A. p. 81.
- Valner, M. G., Iakimets, E. M. - Determination of the general content of silicic acid in waters of thermal electric power plants. p. 82.

TRAKTORI I SEL'KHOZMASHINY (TRACTORS AND AGRICULTURAL MACHINERY). Organ of Gosstatizy Rossiya avtotraktorov i sel'skhoz-mashinostroyeniya pri Gosplane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 7, July 1968.

- Table of contents translated:
- Troshchinskii, L. I., Semakova, G. G., Kala, G. B. - Effectiveness of scientific research in tractor construction. p. 1.
- Vodakov, M. P. and others. - Methodology of rapid evaluation of the life of tractor engines. p. 3.
- Kolobov, V. L., Adamovskiy, A. V. - Study of work efficiency and friction of oil control piston rings. p. 4.
- Gorodtsov, A. M., Holodov, A. K. - Study of the effect of different methods of boosting engine power on the temperature of the parts of the bearing-piston group. p. 5.
- Dzhalov, L. I. A., Kopylov, M. P., Syrov, V. A. - Study of the reliability of stressed-pulling tractors. p. 11.
- Pavlovich, P. M., Troshchinskii, M. L. - Tractor traction for the MTZ-55 tractor when operating on slopes. p. 12.
- Vodakov, M. P., Molodtsov, V. I. - Characteristics of compounding the power balance of caterpillar tractors with continuously variable transmissions. p. 13.
- Kapustin, R. P. - Design of hydraulic systems for ease in starting. p. 14.
- Shurubak, V. K. - Regularities of the approach of soil layer to the share of a plow ditch digger. p. 15.
- Borisov, K. V., Terpilovskiy, L. I. U. - Study of the performance of grain drills at increased speeds in North Kazakhstan. p. 16.
- Klimanov, E. F. - Evaluation of the performance quality of cutting units. p. 17.
- Shurubak, M. M. - Pattern of the overall mechanization of fiber flax harvesting. p. 20.
- Oryshchik, V. A. - Construction of a flex pulling machine with a sheet binding device. p. 21.
- Golubchikov, R. B., Liskin, L. D. - Rational substitution of solid shafts and axes with tapered ones. p. 22.
- Sokolovskiy, P. M. - Calculating and checking tension in V belts. p. 27.
- Murav'ov, A. S. - The KH-2-4 action picking machine "Uzbekistan". p. 29.
- Gorditskiy, V. T. - The HIO-3 needle loom loom. p. 30.
- Koblov, V. L. - Typical progressive technological processes for machining cylinder sleeves. p. 30.
- Proskorkin, G. A. - New form of organization of the production of instruments. p. 32.
- Akhmetov, V. V., Benkov, S. K. - Improvement in the camshaft drive mechanism of the PD-10U starting engine. p. 33.
- Fedorov, L. A., Gusev, I. R. - Preparation and application of mineral fertilizer mixtures. p. 34.
- Melikhovskiy, V. M. - Foreign-made torque amplifiers. p. 34.
- Lisitskiy, A. A. - Hay harvesting machines in the U.S.A. p. 40.
- Oskorokov, I. F., Borokin, K. A., Khripal', K. I. A. - Machines for planting sugar beet mother roots. p. 42.
- Paranov, V. V. - In the Ministry of Tractor and Agricultural Machinery Building. p. 43.
- Wolfin, S. M. - Branch conference at the Kherson Combustion Factory. p. 44.
- Lashin, A. I. - The "Mashinostroyeniye" publishing house is thirty years old. p. 47.

SA BHEGPAPHOCT' DVIZHENIYA (FOR TRAFFIC SAFETY). Issued by Otdel RUD-GAI Upravleniya okhrany obshchestvennogo poriadka. Inopolitburo. Moskovskaya [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 11, no. 1 (14), Jan. 1968.

SHINNIK MODOROKHINTI TRANSPORT (RAILROAD TRANSPORTATION). Organ of Ministerstvo puti sovetovskaya SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 48, no. 10, Oct. 1967.

- Table of contents translated:
- Semenov, M. M. - Break of economy built snow. p. 2.
- Chubarov, V. V. - Great history of the oldest railroad. p. 2.
- Kim, V. I., Opendik, M. D. - With high speeds. p. 14.
- Pitkin, V. M. - Railroad line which transformed a region. p. 20.
- Gorodtsov, E. E. - For ever living traditions. p. 22.
- Polekhov, V. K. - Automatic equipment of traffic control. p. 24.
- Friendship between science and railroad; an interview with M. A. Ostapov. p. 24.

- Gavrilov, V. E. - Beneficial collaboration between the Member Countries of the Mutual Economic Assistance Council. p. 30.
- Tolstokhov, M. M., Shafirich, B. I. - Sources of growth of labor productivity. p. 34.
- Korotkiy, M. V. - Soviet automatic couplings. p. 42.
- Murav'ov, A. V., Koshin, M. F. - Accurate train information. p. 45.
- Belberg, A. M., Shov, O. T. - Reserves in action. p. 50.
- Shan'ko, I. G., Shatva, M. G. - Collimated braking of a set of cars on brake-shoe dropping positions. p. 54.
- Oskorokov, I. B., Odanov, I. U. A., Barinova, R. R. - Systems of remote-control protection of train sets on receiving-and-departure tracks. p. 57.
- Oskorokov, A. M. - How to better the use of shipping containers and drip pans? p. 58.
- Ogurtsov, A. A. - Preventive maintenance of goods cars. p. 62.
- Podshivalov, I. U. A., Shchegolev, V. P. - Increasing the reliability of cars during exploitation. p. 66.
- Devilov, V. F., Akhmetov, B. B. - Design of car tracks and the reliability of roller bearings. p. 67.
- Kharin, A. G. - Overhaul of TSN-103 car tracks. p. 68.
- Oskorokov, V. M., Gribanov, P. T. - Increasing the effectiveness of rolling-stock braking power. p. 72.
- Mel'nik, D. M., Kalatalov, K. V. - Mechanizing snow removal operations on switches. p. 72.
- Zharval', A. L. - Improving procedures of calculating heating costs. p. 73.
- Rogachevskiy, A. S., Gromov, I. P. - Small shipments are unloaded in a new manner. p. 82.
- Balashov, G. S., Shchegolev, L. V., Shchegolev, V. A. - Loading and unloading centers in an industrial region. p. 85.
- New regulations on awarding labor premiums. p. 87.
- Measures for improving the organization of commercial work. p. 87.
- On the railroads of the world. p. 94.

K. MINING & METALLURGY

AKADEMIYA NAUK KAZAKHSTAN SSSR, Alma-Ata. Institut spetsial'noy tekh. [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Mining-Transactions]. Alma-Ata, vol. 2, 1968. Ventilation of workings and dust removal from the atmosphere of Kazakhstan mines.

- Table of contents translated:
- Brachikov, G. A., and others. - Distribution of finely dispersed dust particle concentrations in ventilation streams, expanding in limited airways, hindered by regularly placed local obstructions. p. 2.
- Shchegolev, A. P., Sopikov, G. D. - Methods of studying the interaction of waterdrops with mine dust particles. p. 20.
- Shchegolev, A. P., and others. - Results of the electro-hydraulic modeling of ventilation processes in slopes of the Tekeli Mine after large-scale blasting. p. 25.
- Moskatov, M. V., Shchegolev, A. P., Volokhov, M. I. - Determining the efficiency of dust settling by electrically charged waterdrops. p. 26.
- Radchenko, G. A., Shchegolev, V. F., Shchegolev, I. U. F. - Conditions of sectioning ventilating systems. p. 28.
- Shchegolev, A. M., Shchegolev, S. M. - Problems of stabilizing settled mine dust. p. 48.
- Shchegolev, A. P., Sopikov, G. D. - Coefficient of the bits of dust particles by an electrically charged waterdrop. p. 52.
- Radchenko, G. A., Gurev, I. G. - Quality characteristics of velocity fields in multistream ventilation of stoping areas. p. 55.
- Starikov, V. V., Shchegolev, S. M. - Method of the hygienic evaluation of mine air dustiness. p. 67.
- Radchenko, G. A., Shchegolev, V. F. - Methods of calculating the value of mineral dust on the KPMV-8 modeling equipment. p. 72.
- Shchegolev, A. P., Shchegolev, A. M., Moskatov, M. V. - Main electrical and hydraulic characteristics of electric sprinklers. p. 77.
- Shchegolev, A. P., Shol', R. P., Shov, I. F. - Plate regulators, a new means of controlling the quantity of air in mine workings. p. 82.
- Volokhov, M. I. - Investigating the accuracy of determining air dustiness with the aid of APA analysis beyond filters. p. 92.
- Gurev, I. G. - Certain characteristics of free currents circulating in chamberlike mine workings. p. 95.
- Shchegolev, S. Y., Kostov, V. M. - Intensity of the cross section of air feeding workings on the basis of slope ventilation at the Tekeli Mine. p. 104.

Vol. 2, 1968. Mathematical methods of optimization in mining.

- Table of contents translated:
- Tol', E., Danilov, G. P. - Mathematical model of

- the opening of a mining area. p. 21.
- Danilov, G. P., Maistrenko, E. I. - Determining the optimal transportation system. p. 2.
- Petrovich, E. I., Tol', A. Kh. - Solving the transportation problem with fixed additional payments on electronic models. p. 24.
- Petrovich, E. I., Tol', A. Kh. - Simplifying design diagrams for solving problems of the synthesis of the optimal network. p. 19.
- Tol', E., Gorbunov, V. M. - Scheduling the completion of operations in a mining area. p. 22.
- Radchenko, G. A., Gorbunov, V. M. - Optimal topology of the network of mining operations. p. 24.
- Klimanov, E. I. A. - Calculating parameters and selecting conditions of cutting for the cutting operation mechanism of coal roller-loaders. p. 40.
- Klimanov, E. I. A. - Determining optimum parameters for mechanized stopes in flat seams. p. 44.
- Milakov, O. M. - Method of determining the annual capacity of a mine. p. 45.
- Milakov, O. M., Shchegolev, D. M. - Distribution of ore crop by blocks. p. 52.
- Milakov, O. M. - Industrial distribution of the production of a mine by shifts. p. 55.
- Klimanov, E. I. A. - Calculation of networks along the principle of minimum capacity. p. 54.
- Tol', E., Radchenko, G. A. - Optimum policy in controlling ventilation networks. p. 66.
- Milakov, O. M., Derzhavskiy, V. M. - Nonlinear problems of the distribution of resources. p. 74.
- Radchenko, G. A., Gorbunov, V. M. - Methods of selecting optimum technical solutions by combination of criteria. p. 78.
- Rogov, M. I. - Classes of mathematical models of the large systems. p. 80.
- Rogov, M. I., Bezy, E. V. - Stochastic method of determining degrees of the effect of phase variables on the optimization criteria in mathematical modeling of large systems. p. 80.
- Danilov, G. P. - Network method of selecting a partial subgraph with given properties on the multigraph. p. 82.
- Rogov, M. I. - Mathematical modeling of large systems with the parameter t in the reaction. p. 102.
- Rogov, V. E. - Interpolation of functions of several variables in a phase space. p. 104.
- Vartanov, V. G. - Analysis of network models with distributed resources. p. 111.
- Petrovich, E. I., Tol', A. Kh. - Solving distribution problems on electronic models. p. 114.

GAZOVAYA DULO [GAS INDUSTRY]. Issued by Tekhnicheskoye nauchno-issledovatel'skoye institut khimicheskikh i gazovoy promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 4, 1968.

- Table of contents translated:
- Radchenko, G. A. - Gas aerosols between formations in the Maykop gas condensate field. p. 2.
- Moskatov, I. U. F. - Studying a multistream flow for the prevention of hydrate formation. p. 7.
- Golubchikov, R. B., Shchegolev, A. P. - Determining delay times in aqueous solutions. p. 8.
- Troshchinskii, L. A. M. - Disconnecting from capital investments in technical-economic calculations of distributive low-pressure gas pipelines. p. 12.
- Tagiev, V. G., Radchenko, G. A., Moskatov, V. A. - Automatic metering of gas flow by weight in adsorption plants. p. 16.
- Shchegolev, M. G. - Modeling of an elastic water drive of gas fields with the use of the UMM-1 electrodynamic network model. p. 18.
- Radchenko, G. A. - Analyzing the performance of the contact chamber of gas-operated water heaters. p. 24.
- Radchenko, G. A., Krivosheina, V. I., Krivosheina, A. A. - Device and method for preparing standard mixtures of vapors from liquids and natural and other gases. p. 26.
- Gurev, G. H. - Calculating the viscosity of natural-gas mixtures at high pressures and temperatures. p. 31.
- Kashchirova, M. I. - Statistical data on the capitalist countries of the world. p. 34.

GEOLOGIYA NEFTI I GAZA [GEOLOGY OF PETROLEUM AND GAS]. Organ of Gosstatizy Rossiya geologicheskoye nauchno-issledovatel'skoye institut SSSR [State Geological Committee of the U.S.S.R. and the State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 12, no. 10, Oct. 1968.

- Table of contents translated:
- Anisimov, L. A., Krasov, A. I. A., Sear, D. A. - Regularities in the distribution of oil and gas fields and dimensions of oil and gas properties in the Timan-Pechora basin. p. 1.
- Arshavskiy, G. A. - Regularities in the distribution of pools, and prospects for oil and gas occurrences in the Azov-Donets Valley. p. 7.
- Kashchirova, M. I., Radchenko, G. A., Moskatov, V. M. - Prospects for gas and oil occurrences in northern and northeastern Turkmenia and adjacent regions of Uzbekistan. p. 10.
- Semenov, V. V., and others. - Reef structures in western Uzbekistan. p. 11.
- Tarkhanov, M. I., Semenov, I. U. V., Gavrilov, V. P. - Some features of the formation of the Tegea antitline. p. 20.

- 10

- Tsurus, I. U. M., and others - Electron probing of nodular graphite in cast iron. p. 31
- Strann, M. P., Shok, I. U. A. - Influence of carbon on the properties and structure of cast iron. p. 33
- Konovnikov, A. Y., Plushkin, M. F. - Influence of boron acid on primary graphitization of malleable cast iron. p. 36
- Podolsky, V. M., and others - Improving the technology of smelting 10KhL steel. p. 38
- Priluchko, N. M. - Oxygen converting of steel in foundries. p. 37
- Grumykh, I. V., and others - Improving the quality of thin-walled castings in QSL steel. p. 37
- Kolodov, L. A. - Determining the optimum overheating temperature of melts. p. 38
- Klor, P. P., Gotov, K. B., Avdichuk, V. P. - Influence of the technology of vacuuming aluminum alloys on their gas content. p. 38
- Dumandin, V. F., Rubtsov, F. R., Gubenko, V. A. - Improving cast iron melting processes in 80-ton cupolas. p. 40
- Lapota, B. G., Kurganov, V. A. - Isothermic sands for risers. p. 41
- Samolov, V. I., Derenda, P. G., Zankovskaya, K. P. - Improving mechanical properties of axes for intricate castings of mass production. p. 43
- Salmann, B. B., Zubarev, V. F., Molokhov, V. A. - Eliminating chemical heterogeneity of cast iron for solid-bottom ladle molds. p. 44
- Shpilits, A. T., Chupchikov, I. U. P. - Issue of the new State Standard STST-62 "Scrap and Waste Products (of Charge) of Ferrous Metals" and the Price List No. 01-08. p. 48
- New books on foundry production. p. 48
- No. 11, Nov. 1968.
- Table of contents translated:
- Korolov, V. M., and others - Improving the quality of the castings in high-strength steels. p. 1
- Vasilovskii, P. F., Nuzarelin, V. V., Bolotov, P. F. - Characteristics of the texture and mechanical properties of steel in large castings. p. 3
- Iakubovskii, A. V., Lukashin, N. M., Abramenko, I. U. R. - Production of high-strength gray iron castings. p. 8
- Vorobiev, M. L., Sverzhuk, A. O. - Large precision castings. p. 8
- Lovchikov, V. B. - Organization of chill casting production in the group methods of labor. p. 7
- Iakubovskii, V. I., Chornobrovska, V. I. - Production of aluminum spherical shots in steel melts. p. 10
- Frumin, G. L. - Iron foundry of mass production. p. 13
- Vashukov, I. A., Stupakov, V. V. - Redesigning of foundries for production of different lots. p. 18
- Zhuravlov, I. A., and others - Automatic coating of cast molds on conveyor. p. 18
- Koshurinov, P. I., Fudulin, M. I. - Universal mechanized installation for the smelting of molds. p. 19
- Ryvkis, I. A. M., Teplovskii, A. I. - Automatic control for sandblast nozzles. p. 21
- Kulchuk, N. I., Khlopetski, K. A. - Gamma of quadrilateral machines. p. 23
- Ilyukhov, I. V., Belobrov, M. A. - Strength of water-glass mixtures in the zone of steam condensation. p. 24
- Solovik, V. M. - One condition of a mold with gasified patterns. p. 28
- Gorshkov, A. A., and others - Influence of magnesium on the properties of secondary aluminum alloys. p. 29
- Rubtsov, I. A. I. - Improving the quality of precision castings. p. 30
- Semenov, A. A. - Determining the completeness of ethyl silicate hydrolysis. p. 34
- Chernov, N. M., Doroshenko, L. V., Krumshank, G. G. - Influence of the methods of sandblasting on the quality of castings. p. 36
- Shpilits, N. V. - Influence of small holes and narrow slots on the density of castings. p. 38
- Gerasimov, A. V. - Using aluminum sulfate for water-soluble cores. p. 37
- Iakovlevskii, I. E., Zolotarev, A. A. - Casting of cupola shoots in chills with vertical parting line. p. 36
- Klitschko, M. L., Klitschko, A. K. - Wear-resistant holes of shot-blasting machines. p. 30
- Kontyeva, L. A., Buzukova, M. A. - Determination of carbon in gray cast iron in the course of smelting. p. 41
- Petrushenko, A. M., Shumko, B. A. - Casting in sections. p. 41
- MASHINY I NEFTIANOE OBOURODOVANIE [MACHINERY AND PETROLEUM EQUIPMENT]. Issued by Vsesoyuznyi nauchno-issledovatel'skii institut organizatsii, upravleniya i ekonomiki neftegazovoi promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 10, 1968.
- Table of contents translated:
- Shukin, V. A. - Determining dynamic loads in natural oscillations of a drilling string. p. 3
- Ostapenko, V. K. - Effectiveness of the exploitation of drilling flows of the type LK-RO drill: O. 8, with types. p. 7
- Shlykov, V. I., Tolstov, I. U. B., Pesotnik, V. P. - Anticorrosion buildup of parts of ZKL-2-150-54 and ZKL-3-100-40 valve gates. p. 10
- Kuliev, I. M., and others - Results of field tests of the electric drive of a drilling-rig draw works with a sliding sleeve and an electromagnetic brake. p. 11
- Sokolnikov, V. G., Kuznetsov, P. G. - New supply sources for electrodes in electrochemical coating of wells. p. 14
- Rytakov, V. V., Mostakim, Zh. A., Molin, B. A. - Time of quantization speed of turbodril rotation with discrete control. p. 19
- Musandov, M. B. - Characteristics of designing flowmeters with a helical axial turbine for metering viscous liquids. p. 24
- Levov, P. V., Rosolinski, I. M. - Small liquid-level indicators. p. 26
- METALLURGIJA I KOKSOKHIMIA [METALLURGY AND THE CHEMISTRY OF COOKING]. Issued by Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the USSR]. Moscow, no. 8, 1968.
- Table of contents translated:
- Doskov, V. I., and others - Improving the method of plasmometric analysis of coals based on a complex association of apparatus. p. 8
- Certain relations between indicators of the index of swelling and properties of coals in plastic state. p. 13
- Lapikina, L. P. - Influence of temperature on the results of determining dynamics of coal swelling. p. 14
- Makharina, G. V. - Influence of thermal treatment conditions on the reproducibility of indices related to the dynamics of coal swelling. p. 15
- Bazegiy, L. P., Obukhovskii, I. A. M. - Thermal decomposition of coals under coking. p. 16
- Brishkov, I. U. V. - Dynamics of the formation and transformation of baking coal thermal decomposition products during coking. p. 20
- Komarov, M. D., Novitskii, P. L., Grebenchik, A. F. - Certain problems in the hydrodynamics of controlled moving fluid bed at the drying of coal concentrates. p. 27
- Vashov, V. A., Zashchirina, S. F., Martynov, L. P. - Process of pyrolysis of chlorite. p. 44
- Drak, A. A., Kovalenko, V. P., Plachet, S. L. - Method of estimating dynamic strength of metallurgical coals. p. 49
- Plachet, S. L., Kovalenko, V. P. - Comparing aerodynamic properties of ship coals with changes with indices of a blast furnace course. p. 51
- Chuchalov, V. M., and others - Investigating properties of coals coke structures. p. 64
- Chuchalov, V. M. - Using position accelerometers in determining surface hardness of coals. p. 66
- Matonashina, V. G., Dyshov, M. I. - Numerical calculation of temperature in the course of coking period in various sections of a heating partition wall. p. 61
- Pevlinsk, I. U. B. - Influence of hydrocarbon additions on thermal decomposition of charges containing iron ore concentrates. p. 68
- Komarov, M. D., Komarov, E. R. - Analytic method of calculating the absorption column. p. 71
- Khush, L. M., Iakovlev, V. I., Obukhovskii, A. I. A. - Hydrodynamics of sloped spiral plates for absorption processes. p. 79
- Khush, L. M., and others - Optimal conditions for uncalcination process in the production of gas-soluble sulfates. p. 83
- No. 9, 1968. Metallurgy of cast iron.
- Table of contents translated:
- Klavin, D. A. - Calculation of recovery yield by individual sintering machines. p. 3
- Kravets, I. U. B., Pervov, V. I. - Theoretical premises with regard to changes in the performance of sintering machines in connection with the installation of sintering cars with specially shaped edges. p. 9
- Kravets, I. U. B. - Derivation of equations for determining the amount of gas drawn off from the layer of charge and air sucked into the interstices of gas tracts of sintering machines. p. 14
- Potalski, I. U. M., Rikhter, R. G., Kuznetsov, A. G. - Influence of the addition of dolomite fines on the quality of sinter. p. 19
- Kotov, K. I. - Possibilities of increasing air blast temperatures, and maintaining the flows in air during intensive operation of blast furnaces using natural gas. p. 30
- Berlin, A. I. - Analysis of gas flow distribution along the periphery of a blast furnace. p. 44
- Poltavets, V. V., and others - Controlling and regulating the distribution of gas flow in blast furnaces. p. 55
- Logachev, V. I. - Using gas and the working volume of a blast furnace. p. 54
- Glimel'farb, A. A., Makhov, M. M. - Influence of the gas flow distribution over a cross section on reduction processes in a blast furnace. p. 72
- Glimel'farb, A. A. - Heat balances of blast furnaces resulting in molting ores and sinters of various reducibility. p. 76
- Lapa, A. M. - New principles in calculating blast furnace lines. p. 79
- Lapa, A. M., Kharin, M. D., Kotov, K. I. - Proportioning the feed mass for blast furnaces. p. 86
- Volovik, O. A., Lev, L. K. - Distribution of sulfur between the phases forming ore and sinter structures. p. 81
- Kharin, M. D., Tsybalnik, V. I. U., Borovskii, M. I. - Efficient design of blast furnace stacks. p. 103
- Ostapenko, L. V. - Investigating the temperature of refractory mass along the blast furnace iron notch before the tapping of cast iron. p. 113
- Sedukh, V. I. A. - Physicochemical properties of tap hole plug balls. p. 116
- Sedukh, V. I. A. - Investigating dry gases for the stoppage of iron notches. p. 111
- Vol. 12, no. 12, Dec. 1968.
- Table of contents translated:
- Zinkovskii, M. M. - Labor under the protection of law; on the 10th anniversary of the adoption of the Labor Code. p. 1
- Konchik, V. V., Tsybalnik, G. L., Borovskii, M. I. - Molting of low-sulfur cast iron using magnesia slags. p. 3
- Orlov, I. U. A., and others - Regulation of the distribution of gas flow in a blast furnace stack. p. 6
- Glimel'farb, V. M., Rikhter, V. I. - Assembly of air ducts with rotating ends. p. 8
- Horta, L. L., Andropov, V. M., Doides, I. Z. - Causes of large-scale combustion of tapers. p. 15
- Gavrilov, A. A. - The "DFI" wetting agent for hydraulic removal of dust. p. 11
- Horvath, V. M., and others - Oxidation of silicon in smelting electrical steel in 280-ton open-hearth furnaces. p. 12
- Tsybalnik, G. L., Kozlov, I. U. M. - Alloying of structural steels in the ladle with granulated ferrochromium. p. 14
- Alievskii, V. A., Zashchirina, S. F. - Using sinter in smelting electrical steel. p. 16
- Konovnikov, I. P., and others - Effect of the pouring method on the quality of 17GS steel. p. 18
- Kushchikov, A. N., Ivanov, L. G. - Flow potentials in steelmaking cost and profitability of steel-making in a transition to new conditions of work. p. 10
- Kim, A. V. - Rolling of shaped sections of a 280 mill. pp. 25, 26
- Shvin, G. A., and others - Introducing the 180-ton pipe-drawing mill. p. 27
- Lukashov, L. - Unalloyed sheet makers. p. 39
- Khush, N. I. - Hard fastening of rolls with steel rods. p. 41
- Mosk, A. G., Ivanov, A. B., Belov, I. U. I. - Isolating equipment for transporting sheet piles. p. 33
- Makhov, I. A., Ryzhikov, I. I., Kuznetsov, A. B. - Cost accounting interrelationship between blast-furnace plants and steel foundries. p. 24
- Venetski, B. - "Silver water." p. 37
- Installations for continuous casting of steel used in Poland. p. 46

- 150

- Rash, M. - Providing petroleum workers with hot meals at their working places. p. 31.
 Ponomarev, B. - Five-day work week and petroleum workers' leisure time. p. 33.
 Smirnov, V. - Exploitation of oil fields in the Cook Inlet. p. 35.
 Kham, M., Kromoshah, M. - Devices for cleaning the pipelines. p. 38.
 Lavrov, N. - How much oil is there in the world? p. 37.

НЕПТИАНОВ КХОЗΙΑНТВО [PETROLEUM INDUSTRY].

Organ of Gosudarstvennyi komitet nefteobrabatovaniya i promyshlennosti pri Gosplane SSSR [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 44, no. 10, Oct. 1968.

Table of contents translated:

- Artemova, M.I., and others. - Econo-mathematical model for establishing optimum sequence for the start of development of oil fields in a region. p. 1.
 Makalimov, K.T. - Natural decrease in oil production and its compensation. p. 7.
 Gornikberg, I.U.M., Sereda, M.G. - Study of forces acting on the bit in drilling inclined rock partings. p. 13.
 Komelov, M.M., Lebedev, O.A., Sidorov, M.A. - Experimental study of changes in the strained state of casing in the process of flushing and cementing of wells. p. 18.
 Kulbade, K.M., Lezhnev, R.P., Mamedov, A.P. - On efficient operating conditions of automatic polling-and-running machinery in the drilling of super-deep wells. p. 21.
 Zubarev, V.G. - Strained state of rocks in well walls. p. 23.
 Smal'gin, Kh. - Control and automation of cementing operations in oil and gas well drilling. p. 25.
 Lashin, A.M. - Ways to increase the quality of formation logging. p. 28.
 Zaitsev, I.U.V., and others. - Mechanoostrutural properties of petroleum in reservoir conditions in the Ussuriysk field. p. 33.
 Devlinov, V.V., Khabibullin, Z.A. - Mechanoostrutural properties of petroleum in some Bashkir fields. p. 38.
 Orlov, V.L., Babitskiy, M.B. - Results of studying viscoplastic properties of anomalous Uzbek petroleum. p. 41.
 Mirzakhmedov, A.Kh., and others. - Displacement of miscible and nonmiscible viscoplastic fluids. p. 45.
 Kurov, V.M. - Two-dimensional and nonstationary unidirectional problems of the movement of non-Newtonian fluids in a porous medium. p. 47.
 Chernyak, V.P., Dobriavskiy, I.U.P. - Use of thermolift in petroleum engineering. p. 53.
 Moiseyev, S.V., Baklanov, V.K. - Optimum water content of petroleum about to be desalted. p. 54.
 Taran, V.D., and others. - Approximate estimation of the number of crossings in selecting the route for planned products pipelines. p. 58.
 Klimova, E.Z. - Algorithm simulating the performance of a system of products transportation by a complex petroleum pipeline. p. 63.
 Gonorova, G.I. - Petroleum industry in the foreign countries. p. 67.

ПЕРИОДОВ ОФТ В СТРОИТЕЛЬСТВЕ И ЭКСПЛУАТАЦИИ ШАХТ [ADVANCED EXPERIENCE IN THE CONSTRUCTION AND EXPLOITATION OF MINES]. Issued by Kharkovskoe oblasnoye pravleniye Mashino-stroitel'skogo goskhozobrazovaniya SSSR [Kharkov Province Administration of the Technical Research Mining Society of the U.S.S.R.]. Moscow, no. 4, 1967.

- Table of contents translated:
 Sokolovskiy, M.M. - Planning the organization of building modern large coal mines. p. 6.
 Mikhaylov, V.V. - Experience in shaft sinking with simultaneous lining. p. 8.
 Bolotnikov, M.B., and others. - Hydraulic conveying of rock during drainage operations in open-pit brown coal mines. p. 14.
 Alekseyev, V.B. - Experience in rapid sinking at the "Lugovskaya-Sverdlovskaya" mine. p. 20.
 Podolskiy, P.B., Kovalevskiy, P.I., Sosolovskiy, A.I. - Mechanization of lining mine workings with monolithic concrete. p. 24.
 Mikhaylov, A.T. - Experience in drilling large-diameter shafts and boreholes. p. 27.
 Vorobayev, S.V. - Determining efficient conditions for rotary drilling of boreholes according to the wear of bits. p. 31.
 Tatarinov, V.M., Il'chenko, I.A.P. - Influence of coal mining technology on technical and economic indices of coal preparation plants. p. 42.
 Lohmeyer, V.I., and others. - Experience in selecting and using complex photolining for the determination of internal potentials in coal mines. p. 47.
 Zaslavskiy, G.M., Lerner, I.U.I., Likhachev, A.M. - Generalization of the experience in mechanizing stopping operations in operating coal mines of the Donets Basin. p. 53.
 Lopatkin, V.T., and others. - Experience in using armored shields in mining the "Mezov" coal seam. p. 57.
 Borovoy, M.A., Lagutsev, A.R. - Economic efficiency of the certificate of slope lining. p. 60.
 Druzhko, V.P. - Methods and some results of instrumental observations of rock pressure manifestations at the Dimitrov No. 8/9 Mine. p. 67.
 Il'chenko, I.A.P. - Efficiency of capital assets in the coal industry. p. 71.

- Lerner, I.U.I., Volovik, P.M. - Mechanization of calculations relative to prognosis of temperature conditions in deep mines. p. 75.
 Litvinenko, K.A., Korzhik, B.M. - Influence of the wetting of a coal seam on the decrease of gasness in a mining area. p. 79.
 Lashin, K.M., Ignatov, I.P. - Gas distribution in the cross section of ventilation drifts during the wetting of a coal seam on the decrease of gasness in a mining area. p. 83.
 Lezhnev, V.A. - Individual cases of determining water pressure during nonstationary filtration, and conditions of the transition to quasi-stationary state. p. 88.
 Pochtovskiy, I.U.K. - Expanding the range of hoisting depth in regard to hoists with cylindrical drums. p. 91.
 Volobayev, L.A., Plokhov, A.V. - Strained state of the body of high-capacity coal skips. p. 95.
 Panchenko, A.G., Plokhov, K.P. - Determination of service life coefficient at calculating mine hoisting equipment made of plastics. p. 102.
 Tarakanov, I.U.G. - Determination of permissible stresses in calculating cages. p. 108.
 Fedorov, K.M., Chernyashenko, A.A. - Industrial testings of the strength of the casing for sleeves of friction on endrope hoists. p. 107.
 Panchenko, P.P. - Strained state of guilleg and deflection sleeves on mine hoists. p. 112.
 Likhachev, I.F. - Passage of the rope through the slit on hoists with a sectional drum. p. 114.
 Lebedev, M.I.A. - Longitudinal vibrations in rope hoist ropes in jacking the lifting vessel. p. 114.
 Mestrov, P.M., Panchenko, V.P. - Vibration damping ropes manufactured by mechanical methods. p. 117.
 Salov, M.I. - Efficiency of excavator ropes. p. 120.
 Sokolov, A.A., Alekseyev, I.B. - Investigating movements of the carrying section of a conveyor train on the stand. p. 128.
 Orlov, B.K. - Belt conveyor transportation at increased angles of inclination. p. 140.
 Sokolov, A.A., and others. - Calculation of technical and economic efficiency of belt- and belt-chain conveyors. p. 144.
 Vassil'yan, S.G., Drobyshch, L.V., Lugin, M.K. - Testing and adjustment of high-pressure fans for jets of coal preparation plants. p. 151.
 Sklyar, V.I., Kuznetsov, M.I. - Correlation analysis of the factor affecting ash content in the concentrate and the consumption of reagent during the flotation of coals. p. 154.
 Gerbet, V.A., Koldashov, M.P. - Microproportioning equipment for the automatic analysis of pulp. p. 158.
 Dzhig, I.M. - Experience in controlling dangerous vibrations of the UTM-type centrifuges and the supporting structural elements. p. 164.
 Kuznetsov, M.I. - Pilot plant investigations relative to the influence of ultrasound on coal flotation processes. p. 167.
 Vassil'yan, S.G., Drobyshch, L.V., Lugin, M.K. - Automatic regulation of a gas plant for the gasification of residues of coal preparation. p. 171.
 Chislenko, L.I., Koldashov, M.P., Kuznetsov, V.A. - Influence of the models of sodium silicate on the flotation of ores of native sulfur. p. 175.
 Khimich, S. - Effect of sodium silicate in the flotation of ores of native sulfur. p. 182.
 Vassil'yan, S.G., Berkov, I.U.V. - Pneumatic system for the cribbling of ore lumps over apertures in hoppers. p. 185.
 Kovalevskiy, P.I., Podolskiy, P.B. - Selecting efficient parameters of friction stirrer saws for cutting reinforced-concrete products. p. 190.
 REFERATIVNYI zhurnal: GOSKHOZ DROLO [JOURNAL OF ABSTRACTS MINING]. Issued by Vsesoyuznyi nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 3, 10, Mar., Oct. 1968.
 REFERATIVNYI zhurnal: GOSKHOZ MASHINY (JOURNAL OF ABSTRACTS MINING MACHINERY). Issued by Vsesoyuznyi nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 10, Oct. 1968.
 REFERATIVNYI zhurnal: MONTALLURGIYA [JOURNAL OF ABSTRACTS METALLURGY]. Issued by Vsesoyuznyi nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 9-10, Sep.-Oct. 1968.
 RUSSIA (1968- U.S.S.R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya. Vsesoyuznyy nauchnoy i tekhnicheskoy informatsii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning]. Moscow, no. 9, 1968.
 Table of contents translated by:
 Gerasim, M.M., Vasil'yan, A.M. - Graphic method of determining the torque moment of a plane figure relative to the axis lying on its plane. p. 8.
 Orlov, A.G. - Analogs of velocities and accelerations of three-dimensional mechanisms and their determination by the method of closed vector contour. p. 10.
 Pavlenko, A.P. - Kinematics of a Cardan transmission with elastic linkages and variable angles in shaft segments. p. 18.
 Kireev, I.U.K., Masla, V.I., Timoshenko, V.I. - Measuring deformations without an industrial transducer. p. 21.
 Borisov, S.P., Borodits, M.A. - Problem of determining the magnitude of residual stresses in overloads. p. 25.
 Gafinov, V.I. - Determining dynamic properties of polymers by the method of registering frequency characteristics. p. 27.
 Kargina, P.A. - Friction coefficient in a lubricated involute transmission. p. 32.
 Ivanov, M.M., Shvachkov, S.A., Finogorov, V.A. - Experimental determination of the number of shockwaves in a wave transmission. p. 37.
 Mironov, M. - Determining elastic moments in machine shafts. p. 41.
 Mikhlin, A.K., Savchenko, S.B. - Perone bearing of finite length without a load. p. 44.
 Kuznetsov, A.V. - Comparative characteristics of gas thrust bearings with herringbone grooves of a varied transverse profile. p. 50.
 Shalov, S.M. - Characteristics of the block method of machine construction. p. 57.
 Goltov, V.V. - Compensation of pneumatic-pressure throttle separators. p. 62.
 Gavrilov, A.M., Godin, M.M. - Investigating the wearability of automated machine tools with a pneumatic and hydraulic feed drive. p. 64.

- Lubenskiy, V.D., and others - Determining the capacity of a non-crossed piston vacuum pump with a piston type slide valve. p. 78.
- Arkharov, A.M. - Method of formulating difficulty to control losses in cooling during the analysis of low-temperature cycles. p. 82.
- Skalov, A.D., Glukhov, S.D. - Operating cycle of an expansion machine. p. 87.
- Duganenko, V.R., Prikladnikov, V.P. - Determination of the force of the action of a gas stream on the plate of the safety valve. p. 91.
- Novitskiy, A.B., Fyodorov, K.B. - Determining thermal stress of internal combustion engines. p. 95.
- Kruter, V.I., Rybalchenko, A.G. - Investigating the operation of a combined engine with a controlled spark. p. 100.
- Dekhorich, D.A., and others - Investigating crankcase ventilation systems of combined internal combustion engines. p. 104.
- Bolgov, A.T., and others - Possibility of using operational parts in power transmission of a tractor as dynamometric elements. p. 108.
- Grozniy, V.P., Krasovskiy, V.I., Chuganov, R.B. - Experimental determination reaction hysteresis of the main bearing in tractor engines. p. 113.
- Umanov, K.N. - Calculation of a centrifugal ball valve. p. 116.
- Stukh, V.V. - Qualitative investigation of the dynamics of a hydraulic drive in a conveyor with a chain traction unit. p. 122.
- Sidorin, I.I. - History of the organization and development of the Department of Automation and Mechanization of Production at the Moscow Higher Technical School. p. 126.
- Nikolayev, G.A. - Investigating the strength of welded structures. p. 134.
- Tsalkov, A.L. - Results and goals of domestic machine-building construction. p. 135.
- Skarvinskaya, G.A. - High-production automatic lathe built on the basis of a new machining method and a line diagram grouping of the Moscow Higher Technical School. p. 138.
- Korovin, V.S. - Problems of precision in the technology of machine building. p. 170.
- Prokofyev, D.A., Rukhovich, A.G., Vasilov, A.G. - Basic trends in the development of methods for increasing the strength of structural alloys. p. 178.
- Malashin, G.F., Belikov, O.A. - Trends in the development of machine design. p. 189.

SEVERO-KAVKAZSKIY NEFTIANOE NAUCHNO-ISSLEDOVATSKII INSTITUT. TRUDY IZMORNO-KAVKAZSKIY PETROLEUM SCIENTIFIC RESEARCH INSTITUTE. TRANSACTIONS. Moscow, no. 3, 1967. Development of oilfields containing fractured reservoirs.

- Table of contents translated:
- Maldebor, V.M., and others. - Comparative effectiveness of oil displacement under different systems for developing fractured-reservoir pools. p. 4.
- Maldebor, V.M., and others. - Planning the development of a Lower Cretaceous oil pool in the Karabuk-Achalski field confined to a porous-fractured type of reservoir. p. 8.
- Analyzing the development of Mesozoic oil pools in the Chechen-Jugra A.S.R. p. 10.
1. Maldebor, V.M., Postash, M.F., Chukhovskaya, G.IU. - Upper Cretaceous pool in the Karabuk-Achalski field. p. 14.
2. Maldebor, V.M., Postash, M.F., Chukhovskaya, G.IU. - Upper Cretaceous pool in the Zaznanski field. p. 17.
3. Maldebor, V.M., Shukhov, I.A. Kh., Kapina, V.L. - Upper Cretaceous pool of the Malgobek-Yoznesentz-Ali-Yurt field. p. 18.
4. Kharchenko, B.S., Gurikov, A.T. - Khayma-Kort field. p. 23.
5. Kuznetsova, A.L., Saitko, A.A. - Lower Cretaceous oil pool of the Karabuk-Achalski field. p. 27.
- Maldebor, V.M., Chukhovskaya, G.IU., Postash, M.F. - Draining of wells in fractured-reservoir pools. p. 28.
- Maldebor, V.M., Shukhov, I.A. Kh., Kapina, V.L. - Field experiment in establishing hydrodynamic connection in the Malgobek-Yoznesentz-Ali-Yurt field. p. 33.
- Maldebor, V.M., and others. - Present state of the methods for calculating initial and recoverable oil reserves in fractured-reservoir pools using data of analyzing the development of the Grouzy fields. p. 37.
- Maldebor, V.M., Chukhovskaya, G.IU., Postash, M.F. - Comparative analysis of pool development during the maintenance of reservoir pressure and depletion drive as exemplified by the Upper Cretaceous Karabuk-Achalski pool. p. 45.
- Maldebor, V.M. - Comparative analysis of reservoir properties and development of Grouzy and Iranian fractured-reservoir oilfields. p. 51.
- Maldebor, V.M. - Structural design of fractured medium. p. 57.
- Maldebor, V.M. - Equation of elastic material balance for closed pools with fractured reservoirs. p. 60.
- Lebedinskiy, M.P. - Filtration of liquid in fractured rocks. p. 64.
- Lebedinskiy, M.P. - Steady inertial flow of liquid in a deformable rock. p. 68.
- Lebedinskiy, M.P. - Stationary fluid flow in case the flow characteristics are in linear relation to pressure. p. 77.

- Lebedinskiy, M.P. - Determination of reservoir properties of fractured rocks on the basis of field data. p. 82.
- Lebedinskiy, M.P. - Determining the upper limit of applicability of the linear law of filtration. p. 85.
- Maldebor, V.M. - Effect of temperature changes on the porosity and permeability of fractured and porous media. p. 84.
- Maldebor, V.M., Balova, G.A., Borisova, G.A. - Compressibility of oils and formation waters of the Grouzy fields containing fractured reservoirs. p. 97.
- Maldebor, V.M. - Determining rock pressure values for the Grouzy fields containing fractured reservoirs. p. 101.
- Maldebor, V.M., Borisova, G.A., Balova, G.A. - Coefficient of volume elasticity of rocks. p. 104.
- Maldebor, V.M. - Determination of compressibility factors of secondary lubricants and fractured medium. p. 111.
- Talashov, K.Kh. - Thermodynamic factor of a reservoir. p. 115.
- Maldebor, V.M. - Permeability changes of a fractured medium caused by pressure. p. 117.
- Kuznetsova, A.L., Saitko, A.A. - Evaluating relative rock permeability for oil and gas in a porous-fractured reservoir using field data. p. 120.
- Kuznetsova, A.L., Saitko, A.A., Bagov, M.S. - Capillary phenomena in the Lower Cretaceous oil pool of the Karabuk-Achalski field. p. 124.
- Talashov, K.Kh. - A simplified method for calculating the dimensions of transition zone in a fractured porous reservoir. p. 128.
- Talashov, K.Kh. - A feasible method for determining dimensions of rock blocks in fractured porous reservoirs. p. 129.
- Khizinskiy, I.A., Krenitskiy, L.I., Goshchikova, V.B. - Determination of bottom pressures in deep high-yield wells. p. 133.
- Bagov, M.S., and others. - Study of water-oil displacement from nonuniform porous and fractured-porous media. p. 135.
- Bagov, M.S., Lebedinskiy, A.V. - Evaluation of seepage variability of rocks in oil pools. p. 143.
- Dogtshov, N.M., Bagov, M.S., Potashev, V.O. - Studying the displacement of oil by high-pressure gas from nonuniform and fractured-porous media using laboratory models. p. 146.
- Talashov, K.Kh. - Oil displacement from blocks of fractured-porous reservoirs by their inhibition of injected water. p. 151.

SOVIETSKIY SHAKHTER [SOVIET MINER]. Issued by Tsentrallyy konstat' Probovna rabotakh neprot' promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 18, no. 10, Oct. 1966.

- Table of contents translated:
- They are on guard for the fulfillment of the five-year plan. p. 1.
- Mikhlin, V.D. - A profitable and promising business: ways of expanding the open-pit coal mining. p. 2.
- Shukhov, M. - Precisely called for this purpose. p. 3.
- Gavrlov, M. - Results are excellent and steady. p. 6.
- Under the new conditions; by blasting method. 3-in-part. p. 2.
- Novichikov, G. - Making use of all possibilities. p. 3.
- Shukhov, V., Bagov, B., Shukovich, G. - Work of mine foreman should be organized. p. 11.
- Vlasenko, V., and others. - The young worker. p. 13.
- Antikova, E. - Letter, generalists, introduce. p. 15.
- Borisevich, N. - Stand on guard of labor laws. p. 20.
- Orskaya, I.A. - Requirements of the time. p. 22.
- Bondarenko, L. - Economic knowledge for all, an indispensable condition. p. 23.
- The first Ukrainian conference. p. 24.
- Vartolomeev, V. - Town of Katoan miners. p. 4.
- Cheremina, M. - Leader and the economy of miners. p. 27.
- Trukov, S. - Both mass production and craftsmanship. p. 27.
- Mikhailov, O. - There are two houses at Sosnovka. p. 28.

TSVETNYE METALLY [NONFERROUS METALS]. Organ of Ministerstva tsvetnoy metallurgii SSSR and Tsvetmetpromprezhiy Mirovno-ekonomicheskogo obshchestva tsvetnoy metallurgii [Ministry of Nonferrous Metallurgy of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy]. Moscow, vol. 6, no. 11, Nov. 1966.

- Table of contents translated:
- Basharov, M.F. - Expansion of certain aluminum plants. p. 1.
- Krylov, G.G. - Gold extraction at the Leningradskiy Plant. p. 3.
- Dudnikov, S.Y. - Using a combination of formers in ore flotation. p. 10.
- Zubov, V.I. - Experience in scientific labor organization in plants of the Vladivostok Ore Administration. p. 14.
- Gromovskiy, G.A., and others. - Evaluation of two modifications of the gamma-electron method. p. 18.

- Lukashov, L.P., Mysovskiy, G.A., Vorobeyev, A.I. - Combination furnace for the processing of sulfidated concentrates. p. 22.
- Tolstogonov, A.D., Anisimov, V.M., Andreyev, V.M. - Production of nickel salts of the "Ural'skiy alkali" Combine. p. 26.
- Tokmashov, A.V., and others. - Heat transfer from the matte and slag to the calcium-protected surface. p. 38.
- Kerzhanskiy, I.I. - Slag composition in the process of silvery foam in an electric furnace. p. 44.
- Kozlovskiy, A.A., and others. - Electrolytic extraction of antimony from fused salts. p. 50.
- Osipov, I.M. - Work of purification structures at "Elektroizol" Plant. p. 43.
- Mazanka, V.M., Popov, S.I., Raskin, B.N. - Effect of aeration and sludge deposition from heavy chloride mine waters. p. 48.
- Aleksandr Timofeevich Drobchenko's 60th birthday. p. 48.
- Kozlov, V.I., and others. - Results of testing a thermally stable composite steel-aluminum alloy. p. 49.
- Malyshev, V.P., and others. - Roasting and reduction of alumina granules. p. 51.
- Krasov, I.P., Derzhavskiy, V.A., Krasovskiy, V.F. - Infrared absorption spectra of sodium aluminum hydride. p. 54.
- Sevinskaya, E.I., and others. - Dependence of the dispersion of magnesium oxide particles on the degree of dewatering of artificial carboxylic acid. p. 58.
- Volkov, V.E. - Effect of temperature distribution on the properties of sinter and pitch compositions in the casting process. p. 61.
- Zelenskiy, V.G., Gofman, M.V., Koshchikov, I.F. - Effect of chemical reactions on the output and physicochemical properties of pitch (carbon). p. 68.
- Skalovskiy, S.L. - Chlorination of aluminum alloys in fused chloride salts. p. 69.
- Filippov, B.N. - Using rector coal in production of crystalline silicon. p. 71.
- Khomogorov, A.G., and others. - Manufacturing of anisotropy and the technology of polyethylene. p. 75.
- Livanov, V.A., and others. - Optimizing the rolling of aluminum alloy ingots. p. 76.
- Gokhale, B.D., Barya, Z.P. - Effect of anisotropy of aluminum on the specific electric resistance of strength of wire. p. 78.
- Rakobchikov, V.F., and others. - Heat treatment of minerals for deep drawing. p. 80.
- Lazhin, A.B. - Determining the internal diameter of pipes following reaming. p. 89.
- Geprikhin, A.A. - Improving extrusion technology for production with external bulges. p. 114.
- Chepchigova, A.G., Ivanov, S.I. - Determining the degree of contamination of nonferrous alloy metal. p. 88.

TORFANALIZA PROMYSHLENNOSTI [PEAT ANALYSIS].

Issued by Gosstatizvestiya konstat' Soyuza Mirovnoy SSSR po tsvetnoy metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Statistics and Technology] and others. Moscow, vol. 45, no. 10, 1966.

- Table of contents translated:
- Malyshev, A.M. - Plan of the State Commission for the Electrification of Russia up to the year 1980. p. 2.
- Kuznetsov, M.I. - The Bol'shevik Peat Enterprise in the third year of the five-year plan. p. 4.
- Gavrlov, I.U. - Certain peculiarities in the use of MK-1, SP ditch diggers. p. 7.
- Chalkov, A.I., Petrovich, V.M. - Quality of peat production established by consumer demand. p. 10-1967. p. 8.
- Shukovskiy, G.L. - Experience in using industrial peat in the peat at the Petrovskiy Peat Enterprise. p. 11.
- Chukhovskiy, V.I., Shukovich, V.A. - Experience in using bidders for peat at the Seda Peat Enterprise. p. 14.
- Rasvinskiy, I.A. - Wear of cyclones at the peat briquetting plants. p. 16.
- Shukovskiy, I.A., Greshnov, L.S. - On the production of peat-briquetting plants. p. 19.
- Drachuk, A., Mikhlin, A., Stanavichuk, I. - Intensifying the process of drying peat briquetting plants. p. 21.
- Basharov, V.I. - Dynamics of nitrate nitrogen, peat-mineral and ammonia fertilizers. p. 23.
- Shukov, I., Mikhlin, M.I. - Mining and use of peat in the Hungarian People's Republic. p. 25.
- Goshchikova, V.V. - Literature on peat: 214-1966. 1966 (to be continued). p. 31.

TRANSPORT I KHRANENIYE I NEFTI I NEFTIYNYH TOV [TRANSPORTATION AND STORAGE OF PETROLEUM AND PETROLEUM PRODUCTS].

- Issued by Gosstatizvestiya konstat' Soyuza Mirovnoy SSSR po tsvetnoy metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Statistics and Technology] and others. Moscow, vol. 45, no. 10, 1966.
- Table of contents translated:
- Kozlov, V.G., Ignatov, V.G., Anisimov, V.M. - Study of the flow of highly coagulating petroleum in pipelines. p. 3.
- Rubtsovich, M.E., Valov, D.Y. - Studying the operation of a gear pump in pumping bitumen containing materials. p. 7.

- Vlasov, E. V. - Determining optimum characteristics of pipeline pumping units. p. 18.
- Mikitenko, E. A. - Protection of pipelines by polarized protectors. p. 13.
- Prokhorov, B. M. - Local protection of sliding friction bearings of pump units. p. 20.
- Rivkin, P. R., Volkovich, V. P. - Calculating gasoline evaporation losses during the filling of transportation vessels. p. 21.
- Aleksandrov, A. M. and others. - Use of artificial cold for the condensation and sorption of gasoline vapors of vapor-air mixtures forced out from storage tanks. p. 22.
- Aleksandrov, A. M. and others. - Pipe-piston unit for checking liquid flow meters. p. 23.
- Glyzinski, G. P., Mikitenko, E. A., Edel'man, I. A. - Automatic 1 kw. cathodic protection station. p. 23.
- Isimov, D. V. - Work of efficiency promoters in the Makhachkala petroleum storage terminal. p. 30.
- Herrington, I. G., Nordikov, V. S. - Fourth anniversary of the Tuzla storage terminal. p. 23.
- No 9, 1968
- Table of contents translated
- Mink, M. G. - Some possibilities for automatic pressure control systems in pipelines using crystallizing of disturbances. p. 3.
- Abramson, I. S., and others. - Studying the performance of a "hot" petroleum pipeline. p. 7.
- Kolchin, V. A., Bondarenko, P. M. - Determination of contact resistance of insulated underground pipelines using the contactless method. p. 10.
- Rchavskii, K. L. - Ways to reduce losses of petroleum and petroleum products in the river transport. p. 14.
- Lavrentsov, A. M., Rivikov, V. P. - Speeding up the discharging of viscous petroleum products from railroad tank cars by using distributing preheaters. p. 17.
- Lorko, G. R., and others. - Field tests of the system of washing and providing paraffin depositions in forroconcrete storage tanks. p. 28.
- Rivkin, P. R., and others. - Results of testing the experimental unit for low filling of tank trucks. p. 33.
- Revitskii, V. R., Karas', L. M., Didenko, T. V. - Organizing internal business accounting for petroleum pipelines. p. 33.
- Koltsade, S. M., Tkatchuk, I. A. - Calculating the capacity of an electric motor for driving a centrifugal pump. p. 29.
- Popov, V. V. - Closing device for pipelines. p. 30.
- No. 10, 1968
- Table of contents translated:
- Vlasov, E. V., Golosov, B. I. - Determining the curvature of a wave front in typical disturbances in petroleum pipelines. p. 3.
- Rusakovskii, K. K., Lavin, E. M. - Calculating the reserves for repair and remedial operations in pipelines. p. 4.
- Artamonov, V. A., and others. - Methods for connecting telemechanical equipment to the telephone communication channels in petroleum pipelines. p. 7.
- Tegunov, P. I. - Guiding the optimum thickness of thermal insulation for tanks. p. 11.
- Kocherzha, E. L. - Withdrawal of aviation fuels from the top of tanks. p. 14.
- Il'inski, D. V. - Use of M3-3004-type mechanized fuel-service units in kolchoz and state farms. p. 15.
- Derydov, M. M. - Economic evaluation of the damage from the leakage of a petroleum pipeline. p. 20.
- Volkov, V. V., Desiatnikov, V. V. - Mechanical storage-tank sampler. p. 22.
- Sem'ianinov, A. L., Klobin, A. A. - Device for repairing pipeline valve gates. p. 24.
- Shchegolev, A. B., Mikitenko, E. A. - Telecontrol of a cathodic protection station with frequency division of communication channels. p. 27.
- Vladimirov, A. I., Lakoba, A. M. - Present state and problems of automation and telemechanization of the facilities of the transportation and storage of petroleum and petroleum products. p. 29.
- ZABICHITA METALLOV [PROTECTION OF METALS]. Issued by Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U. S. S. R.] and others. Moscow, vol. 4, no. 6, Nov.-Dec. 1968.
- Table of contents translated
- Expansion of electrolytic corrosion research in the L. I. A. Karpov Physicochemical Institute (80th anniversary of the Institute). p. 219.
- Chigal, V. - Certain problems of intercrystalline corrosion in corrosion resistant steels. p. 237.
- Movakovskii, V. M., Orlovskii, V. I. - Logarithmic law of oxidation in potassiodic passivation of titanium in solution. p. 244.
- Movokobcheva, R. M., Zakhov, A. A., Kalashova, V. M. - Effect of silicon on the tendency toward pitting corrosion of Kh10Ni30-type steel. p. 254.
- Volkov, A. I., Milankovskii, A. N. - Porous fiber structure of anodic oxide films on aluminum. p. 270.
- Rozentfeld, U. L., Frolova, L. V. - Determining current of corrosive elements on the surface of metals with electroplated coatings. p. 280.
- Kochanova, M. M., Prilova, I. M. - Inhibiting the dissolution of nickel in nitric acid solutions by certain unsaturated alcohols. p. 284.
- Zerachov, G. V., Kogan, R. L., Kostrenko, A. V. - Surface addition alloying of the ZhCh-K alloy by aluminum and silicon. p. 291.
- Kir'akov, I. U. G., and others. - Thermally dissociated alcohol coatings for protection against fluorine. p. 294.
- Ivanovskii-Litvinskii, I. U. M., Loshakov, I. U. M., Porokhov, R. V. - Electrochemical timing from pyrophosphate baths with organic additives. p. 293.
- Kudrinskaya, N. T., and others. - Investigating conditions of the electrodeposition of a cadmium-nickel alloy from a sulfamate electrolyte. p. 287.
- Lagunovskii, L. N., Gordonskii, A. A. - Electron diffraction examination of the surface of anodically polarized nickel. p. 212.
- Rabobasov, A. V., Aldarov, V. P. - Effect of polarization and the pH of the corrosive medium on the corrosion cracking of austenitic 08Kh30Ni30 steel. p. 215.
- Volodin, V. P., Ozeranskii, L. N., Smirnov, M. V. - Effect of stirring on aluminum corrosion in fused salt. p. 218.
- Kolotrubskii, I. A. M., Agladov, T. R. - Chemical dissolution of magnesium. p. 221.
- Teterin, G. A., Val'd, B. F. - Characteristics of the corrosion of copper-silicon alloys in solutions of sodium hydroxide. p. 224.
- Radzha, V. M. - Effect of conditions of the electrolysis on aluminum current efficiency with application of ultrasonic waves. p. 228.
- Prokhorov, E. V., Gorbunov, M. B., Lavrenko, M. A. - Corrosion resistance of pipe with a diffusion coating of zinc in places of welding and bending. p. 220.
- Mel'nik, P. I. - Thermal diffusion coatings of titanium and silicon carbide on cast iron. p. 223.
- Belova, V. M. - Corrosive and electrochemical behavior of aluminum alloys in water at high temperature. p. 225.
- Samsonova, N. I. - Determination of extreme currents in multi-electrode electroplating systems. p. 227.
- Rodchikov, V. P., Kuchalov, M. I. - Investigating the depolarizing properties of copper ions in halogenide solutions. p. 244.
- Rodchikov, M. S. - Effect of oxide films on steel surface on hydrogen penetration. p. 241.
- Dellnerai, I. U. K., Mal'kov, V. F., Kuznetsov, V. V. - Effect of a base layer on the electrodeposition of aluminum from a chloride melt. p. 243.
- Krichmar, R. I., Proskurnin, A. I. - Straightening the diamond microprofile during copper deposition from a sulfate electrolyte containing thiourea. p. 245.
- Pirskova, R. I. - Anticorrosive latex paint. p. 248.
- Podkov, V. M., Zakharov, M. A. - Protection from the corrosion of turbines, reducers and internal combustion engines. p. 251.
- ZAVODSKAYA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U. S. S. R.] and the State Committee for the Coordination of Research in the U. S. S. R. Moscow, vol. 24, no. 8, 1968.
- Table of contents translated:
- Belavskii, V. V., Kuprianov, L. A. - Phase analysis of compounds of the system $\text{CuO} - \text{ZrO}_2 - \text{SiO}_2$. p. 103.
- Deborova, I. M., Zimkova, D. M., Iakovleva, R. F. - Phase analysis of ferrite steel with intermetallic strengthening. p. 107.
- Vaserman, A. M., and others. - Determination of oxygen in metals by reduction melting in an argon flow using the "Kukonelik O" apparatus. p. 105.
- Dil'manovich, G. M., Altsheima, L. P., Tikhonova, T. V. - Determination of silicon traces in gallium arsenide by isotope dilution using submicroscopic separation. p. 111.
- Shil'mova, M. B., Shil'ma, I. U. P., Sergeeva, T. V. - Neutron-activation determination of tungsten in rocks and minerals using cation exchange elimination of interfering elements. p. 123.
- Mikhlin, G. V., Kharobenko, L. V. - Determination of microgram quantities of phosphorus in nickel and its alloys. p. 124.
- Strukovskaya, N. P., and others. - Concentration of platinum metals by ion-exchange. p. 128.
- Vasina, M. B., Vakina, L. K. - Separation of microgram quantities of Co (III) and (IV) by thin-layer chromatography. p. 128.
- Vysokova, M. N., Lukin, A. M., Smirnova, K. A. - Magnesium chloride as a reagent for zinc. p. 130.
- Shervinskii, I., Degtyarenko, L. L. - Determination of microgram quantities of high-molecular organic bases. p. 133.
- Aliev, T. B., and others. - Chromatographic analysis of alkylate composition. p. 135.
- Desyatnikova, I. M., Zakharov, V. A., Bogina, O. A. - Amperometric determination of iron by titration with 5-mercaptoquinoline. p. 138.
- Pervoz, K. S., Cherkashina, T. V. - Determination of gallium in an alloy on cobalt base. p. 137.
- Mokrysheva, K. D., Koshar, O. K. - Determination of free carbon in titanium, aluminum, and hafnium carbides. p. 137.
- Dukhovnik, E. V. - Determination of the composition of nonmetallic inclusions in sheet steel decarburized by ferrochromium. p. 138.
- Karpelina, E. T. - Determination of sulfide nickel in sulfide ores and concentrates. p. 138.
- Litvin, M. D., Bartol'skii, T. S. - Decomposition of samples in the analysis of boron phosphides. p. 139.
- Orlov, M. B. - Rapid method for determining liquid glass modulus. p. 140.
- Zaitsev, P. M., Kravtsovskii, V. M., Dichenkii, V. I. - Polarographic determination of nitro compounds in waste waters of the textile dye industry. p. 140.
- Rashkov, B. A., Martin, G. M. - Apparatus for the chromatographic determination of methylamines. p. 141.
- Shilagin, K. M. - Apparatus for centrifugal paper chromatography. p. 142.
- Lozay, M. F., and others. - Modern methods of X-ray spectral fluorescence analysis: a survey. p. 144.
- Rydik, V. I., Borovskii, I. B. - Determination of the thickness and composition of thin layers by means of scattered electrons and characteristic X-ray radiation. p. 148.
- Ardeens, V. P., Medvedev, I. U. A., Forman, K. M. - Method of calculating reciprocal influences of elements in steel. p. 148.
- Lezhnin, R. M., and others. - Determination of divinylbenzene "cross-linking" in ion exchangers by means of infrared spectroscopy. p. 148.
- Ukravskii, L. M., Vinokurov, L. A. - Use of the dark field method for defining the orientation of crystals in an electron microscope. p. 148.
- Gambarian, R. G., Danilobunskii, I. A., Mel'nik, A. S. - Neutron activation determination of copper in high-grade products using the gamma-gamma-coincidence method. p. 175.
- Berg, L. G., Lasharova, M. P. - Determining the catalytic activity of manganese dioxide and its compounds with order oxides using gas volumetric and thermographic methods. p. 175.
- Ukravskii, L. M., Obovinskii, P. A. - Use of ultrasonic in measuring the characteristics of dispersive suspensions. p. 183.
- Mikhelson, M. I., and others. - Study of the dispersed composition of aerosol particles formed in the converter production of steel with oxygen blowing. p. 184.
- Zavaritskii, T. A., Pavlova, L. A. - Study of critical boiling of titanium tetrachloride. p. 185.
- Molisev, I. U. V., Khromskii, V. I. A. - Exposing the microstructure of cast iron in cathode etching. p. 187.
- Rybansko, I. D., Rybansko, A. I. - Method for nondestructive testing of metals. p. 188.
- Krivoshchek, A. E., Babin, I. U. K. - Classification scale for microstructures of the working layer rolls. p. 188.
- Golov, I. B., Kaprizov, V. A., Shchukhovskii, A. P. - Methods of high-temperature testing of high-melting metals in vacuums. p. 189.
- Isimov, D. V., and others. - Determination of elasticity and shear modulus at temperatures of up to 2000° C in vacuum or in an inert gas atmosphere. p. 184.
- Akhromenko, V. L., Kozlov, L. A. - Investigating biaxial extension on flat specimens. p. 196.
- Denzin, M. I., and others. - Circuits for establishing the tolerance for a conventional yield limit during biaxial extension of sheet materials. p. 196.
- Karpovskii, G. V., Romanov, O. W., Kikilak, M. L. - Methods of estimating the cold brittleness of high-carbon steel by results of testing for static torsion. p. 197.
- Nikolaev, O. A., Mikhalev, A. M., Vlasov, R. A. - Method of determining the impact strength of materials. p. 198.
- Krugol'skii, L. V., Mikhlin, M. M. - Estimating the friction properties of friction coupling materials. p. 197.
- Gribova, L. V., Serukhov, A. L. - Strength of brittle synthetic material granules. p. 199.
- Stepolov, I. U. V., Kiselev, M. P. - Equipment for the determination of the heat resistance of cast iron. p. 197.
- Gorodkov, L. I., Kozlov, V. M., Ivanov, O. B. - Four-aperture vacuum equipment for crop testing during flexure at temperatures of up to 600° C. p. 197.
- Drozhda, A. A., Shaleev, B. P. - Equipment for the study of the wear resistance of materials under the effect of a high-speed air flow measured with hard particles. p. 194.
- Hodolobov, I. U. M., Iakharov, G. V. - Equipment for the study of mechanical properties of plastics in vacuum at low and high temperatures. p. 198.
- Stukko, O. I., and others. - Automating the equipment to determine certain geometric structural characteristics of dispersive materials. p. 197.
- Gershkovich, B. M. - Shear testing device for viscoplastic materials. p. 198.
- Lysak, L. I., Poliakovich, I. U. M., Povik, I. A. M. - Low-temperature X-ray unit for single crystals. p. 193.
- Ivanov, G. P. - Device for precise measurement of the Poisson ratio. p. 193.
- Doroshuk, A. P. - Modification of a type MI-1 testing machine. p. 193.
- Prokofiev, M. I. - Determining the mechanical characteristics of foam glass. p. 193.
- Batalin, G. L., Shilov, V. V. - Microthermostat for an X-ray metallograph. p. 194.
- Chernik, V. T. - Automation of dilatometric and megacoustic measurements. p. 195.
- Povitskii, V. A., Dodokina, A. P. - Vibrator for use in Mössbauer spectroscopy. p. 194.
- Patrilak, K. I., Masarik, V. I., Galich, P. M. - Device for controlled maturation of a gas flow. p. 194.
- Bublik, A. T., Favorov, L. M., Shchegolev, I. U. - Use of an ISA-3 horizontal comparator in determining the optical and mechanical characteristics of photoelastic materials. p. 197.
- Kozlov, V. A., Maslov, P. V., Zakhvatkin, V. V. - Device for proportioning a field. p. 197.
- Oriant, I., Faerman, B. - Instruments for scientific research. p. 198.
- Faerman, B. S., Kal'tman, M. I. A. - Teeth separator of central laboratories of ferrous metallurgy plants. p. 193.
17. MILITARY & NAVAL SCIENCES
- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavno politscheskoe upravlenie Voenno-Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 27, nos. 22-24, 1968.

KOMMUNIST VOORUKEHOVNIK SEL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavvoe politkhu-
skoye spravochno Sovershai Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 24, Oct. 1968.

Table of contents translated:

Editorial: Under Lenin's banner and along the road of the October Revolution, p. 3.
Zhelezov, M. - Strength of the party lies in the socialist nature of its ranks, p. 34.
Korlov, K. - Strengthening of the country's defense is a concern of the whole party and all the people, p. 38.
Devichuk, A. - Two worlds and two fates, p. 34.
A dependable shield of the Soviet state, p. 33.
Kubashov, P. - New technical achievements of the Armed Forces, p. 46.
Verolov, V. - Party organizational staff of the headquarters is struggling for the high standards of combat training, p. 44.
Voronov, M. - Prevention of the acts of misbehavior is the main point in the tightening of discipline, p. 52.
... plant electrification, p. 50.
Demidov, A. - In their fathers' footsteps, p. 54.
Bergovskiy and current officers are the heirs of servicemen and sailors, p. 72.
A powerful guardian of our Soviet country, p. 75.
Verolov, M. - Clouds over the Near East, p. 81.
How much time is required for recital of a party penalty? p. 87.
Who is directing an evening university? p. 94.
From our correspondents, p. 94.
In military districts and fleets, p. 94.

NASHI VESTI [OUR NEWS]. Published by Sotets khimov Rukodopno Izdatel [The Association of Members of the Russian Corps]. New York, vol. 25, no. 272, Feb. 1968.

STARSHINA - KIKKHEANT [NON-COMMISSIONED OFFICER]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 12 (98), Dec. 1968.

TEKHNIKA I VOORUJENIYE [TECHNOLOGY AND ARMAMENT]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 36, no. 3, Mar. 1968.

Table of contents translated:

Munets, F. - The most important indicator of combat efficiency, p. 1.
Korlovich, K. - In step with life, p. 2.
Vetsov, I. - When there is interference, p. 4.
Makarov, M. - A portable air-conditioner, p. 7.
Kharovskiy, V., Kalashnikov, R. - Nuclear explosions and fires, p. 8.
Tatarsov, A. - Give students practical skills, p. 10.
Andriyashov, V., Korolev, G., Smolin, V. - Training by standards, p. 12.
Mladkovich, B., and others. - Technological resources for training, p. 14.
Vukhtinsky, M. - Transverse stability, p. 20.
Daryashov, V., Kuznetsov, B. - Cruising without accidents, p. 21.
Riska, I. I., Glonitskiy, I. I. - Demagnetization of ships, p. 24.
Pecherov, V., Kravkov, M. - A simplified evaluation of channels, p. 22.
Tsykko, P. - Bomber is around the corner, p. 26.

Kalashnikov, G., Muryev, L. - Mass servicing,

p. 22.
Borovoi, P. - Painting of armor, p. 34.
Nikol'skiy, I. I., Timoshenko, E. - In open areas, p. 32.
Zakharov, M., Pashov, V. - After prolonged storage, p. 32.
Risky race of innovations, p. 32.
Gol'dfarb, S., and others. - Our subject is flight safety, p. 40.
Alkaseev, M. - Danger, carbon monoxide! p. 42.
Pavlov, M. - Progress in chemistry, p. 44.
Morozov, K. - Multipurpose rockets, p. 46.

VESTNIK PERSOPROKHODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravlenie Kaliforniyskogo obshchestva uchastnikov 1-go Kaliforniyskogo generala Korolova pakhoda [Administration of the California Association of Veterans of General Korolov's First Korea Campaign]. Los Angeles, nos. 86/87, Dec. 1968.

L. NAVAL SCIENCE

LENGINGRAD. INSTITUT VOZDUSHNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. No. 92, 1962. Waterways.

Table of contents translated:
Varkov, K. M., Anisimov, A. V. - Changes in the regime of a two-branch braiding following the damming of one of the branches, p. 3.
Gikharov, M. P. - Hydrotechnical structure of a river flow over a bar in freshwater and its transformation during the cutting of a depth increasing by-pass channel, p. 2.
Orishanskii, K. V. - Forming of sand bars by near bottom eddy currents, p. 14.
Orishanskii, K. V., Piskunov, G. G. - Modeling sand waves by numerical hydrodynamic analogy, p. 18.
Koprov, L. M., Belash, V. V., Shcherbakova, M. I. - Justification of the time given for scheduling operations for the prevention of spring ice jams on the Arctics and Severnaya Dvina rivers, p. 21.
Oshinskiy, I. A. L. - Connection between the magnitude of noncovering velocities and the hydraulic particle size of noncoherent ground, p. 23.
Protopopov, L. I. - Adjusting the automatic control system of bottom material removal by dredger (ARHE), p. 28.
Selsky, V. M. - Characteristics of hydraulic calculations for several types of damming nonnavigable branches, p. 41.
Sergiyev, I. A. - Justification for the use of modern methods and equipment for water transportation research, p. 47.
Serebrennikov, A. V. - Changes of hydraulic and channel regime in estuary areas of southern rivers following the regulation of flow of the main river, p. 50.
Merebrikov, A. V. - Justification characteristics of waterway works on regulated rivers, p. 61.

LENGINGRAD. TSENTRAL'NYI NAUCHNO-ISLEDOVATEL'SKIY INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol. 14, no. 96, 1968. Maritime law.

Table of contents translated:
Alkaseev, K. I. - Legal regulation of the activity of shipping conferences, p. 3.
Egorov, L. M., Kolesnik, A. I. - Innocuity of government merchant ships, p. 54.
Egorov, K. F. - Legal nature of freightment contracts in French Maritime Law, p. 41.
Mashin, V. A., Pecherov, T. A. - Economic reform and the legal situation of a shipping enterprise, p. 61.

Res, R. E., Lavich, I. U. M. - Certain characteristics of the legal control of the crew labor organization in collective contracts with shiplines, p. 74.
Mafedov, V. I. - Legal problems of work incentives for workers in the merchant marine, p. 87.
Mafedov, V. I., Kostylev, G. A. - Disciplinary responsibility according to the Code on the Discipline of Workers in the U.S.S.R. Merchant Marine, p. 89.

Vol. 14, no. 96, 1968. Technical operation of the merchant marine. Automation and mechanization of industrial processes on merchant ships.

Table of contents translated:
Antonovich, S. A., Petrov, V. P. - Static design of the automatic control system of water temperatures in diesel engine cooling, p. 2.
Syromiatnikov, V. F. - Automatic control of the operational efficiency of marine steam turbine plant performance, p. 23.
Bobolev, L. G., Dronov, S. O. - Stability of reset control systems with delay, p. 33.
Antonovich, S. A., Petrov, V. P. - Causes of the occurrence of natural oscillations in automatic water temperature control systems in the cooling of marine diesel engines, p. 43.
Tsel'nik, A. B. - Indicator engine efficiency in variable operating conditions, p. 48.
Ivanov, L. P. - Selection of an efficient circuit for automatic viscosity control, p. 53.
Mashin, V. F. - Parameters of the automatic control systems of the cathodic protection of seagoing ships, p. 54.
Popov, G. A. - Making use of interaction effort between propeller and rudder in a ship steering system, p. 72.
Syromiatnikov, V. F., Limbatskiy, L. M. - Method of controlling the efficient performance of a ship steam turbine in operation with the use of computer devices, p. 84.
Alkaseev, S. B., Treval', V. K. - Selecting the parameters of an automatic control system for auxiliary turbogenerator of the Kaluga Turbine Plant, p. 88.
Smolnik, A. I. U. - Deriving equations of the disturbed state of a waste heat regenerator with forced circulation, p. 87.
Galanin, A. A. - Equation of the dynamics of a diesel generator with gas-turbine supercharging, p. 102.
Pecherov, V. I., Kostylev, G. V. - Regulating the water level in ship steam boilers with natural circulation, p. 117.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISLEDOVATEL'SKIY INSTITUT EKONOMIKI I EKSPLOATATSIY VOZDUSHNOGO TRANSPORTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE ECONOMICS AND OPERATION OF WATER TRANSPORTATION. Transactions]. No. 80, 1968.

Contents: Arsen'ev, S. P. [Selecting ship types for the merchant marine. (Principles of the methodology of technical and economic justification).] Vybory tipov sudov transportnogo flota. (Osnovy metodicheskoy i ekonomicheskoy obosnovaniya).

230 p.

No. 80, 1968. Efficiency of operating ships and barge fleets of various capacity.

Table of contents translated:
Pecherov, V. M. - Method of determining the optimum capacity of vessels, p. 4.
Gartov, K. A. - Efficiency of using various types ships and barge trains, p. 50.
Kishinev, L. V. - Method of defining the influence on fleet capacity of each one of its determining factors, p. 104.

Mironov, V. P. - Optimization of fleet spacing by lines for justification of the network of tank vessel types for prospective needs, p. 111.

REPERSATIVNIYI zhurnal VOZDUSHNOGO TRANSPORTA [JOURNAL OF AIRCRAFT WATER TRANSPORTATION]. Issued by Vsesoyuznyi institut nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 8-10, Sep.-Oct. 1968. [This journal is also issued in parts]

PART C

List of Periodicals Indexed and Abbreviations Used

Agitator (8)	Agitator	Dokl. TSKhA (18a)	Moscow, Mskovskaya selskokhozyaystvennaya akademiya im. Timiriazeva, Doklady [Timiriazov Agricultural Academy of Moscow, Reports]
Akush. i gbn. (14b)	Alushtarstvo i ginekologiya [Obstetrics and Gynecology]	Don. i kred. (8c)	Don'gi i krediti [Money and Credit]
Arkh. pat. (14a)	Arkhiv patologii [Archives of Pathology]	Dif. urav. (13e)	Differentsial'nye uravneniya [Differential Equations]
Arm. khim. zhur. (13d)	Armianskii khimicheskii zhurnal [Armenian Chemical Journal]	Ekos. i organ. prom. proizv. (8b)	Ekonomika i organizatsiya promyshlennogo proizvodstva [Economics and Organization of Industrial Production]
Astrol. vest. (13b)	Astronomicheski vestnik [Astronomical Review]	Ekos. sel'skhoz. (8b)	Ekonomika sel'skogo khozaystva [Economics of Agriculture]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Eksp. -inform. Mor. gidrofiz. inst. AN URSS (12b)	Akademiya nauk URSS, Kiev, Mirovyyi hidrofizicheskiy tsentyr, Ekspres-informatsiya [Academy of Sciences of the Ukrainian S.S.R. Marine Hydrophysical Institute, Ekspres-Information]
Atom. stolb. (13f)	Lavijas Padomju Sociālistiskā Republika Zinatne Akadēmija, Fizikas institūts, Atomāro stiklveidība [Academy of Sciences of the Latvian S.S.R. Institute of Physics, Atomic glassmaking]	Eksp. -inform. Ser. sel'skhoz. nauka i prak. (15a)	Moscow, Vsesoyuznyi nauchno-tekhnicheskii informatsii po sel'skomu khozaystvu, Ekspres-informatsiya, Seriya: Sel'skokhozyaystvennaya nauka i praktika [All-Union Institute of Scientific and Technical Information on Agriculture, Ekspres Information, Series: Agricultural Science and Practice]
Atom. tekhn. na rub. (10a)	Atomnaya tekhnika na rubezhakh [Nuclear Engineering Abroad]	Elek. i tepl. tizna (16g)	Elektricheskaya i teplovaya tizna [Electric and Diesel Locomotive Traction]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]	Elektrokhimiya (16a)	Elektrokhimiya [Electrochemistry]
Avt. prom. (16g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Elektrosvyaz' (16a)	Elektrosvyaz' [Telecommunication]
Avtom. i vych. tekhn. (16e)	Avtomatika i vychislitel'naya tekhnika [Automatic Control and Computer Technology]	Enorg. stroit. (16c)	Energeticheskoe stroitel'stvo [Power Construction]
Avtom. i telemekh. i svyaz' (16e)	Avtomatika, telemekhanika i svyaz' [Automatic Control, Remote Control, and Communications]	Energomashino-stroenie (16g)	Energomashinoostroenie [Power Machinery Construction]
Av. i A/r. seg. (16)	Avia i A/rka segosnia [Aviation and Aviation today]	Etal. vrem. v sred. mom. pered. radiosig. (12b)	Kaloznoe vremya v srednie momenty peredachi radioimpu'lov [Official Time at Mean Moments of Radio Signal Transmissions]
Azerb. khim. zhur. (13d)	Azerbaidzhanetsii khimicheskii zhurnal [Azerbaijan Chemical Journal]	Farm. i toks. (14f)	Farmakologiya i toksikologiya [Pharmacology and Toxicology]
BIKI [Prilozh.] (8a)	Biulleten' inostranetsko-kommersantskoi informatsii, prilozhenie [Bulletin of Foreign Commercial Information, Supplement]	Farmatsiya. zhur. (14f)	Farmatsiya [Pharmacy]
Berech' prirodo Prikam'ia (13a)	Berech' prirodo Prikam'ia [Protect Nature in the Kama Valley]	Farmatsiya (14f)	Farmatsiya [Pharmacy]
Bibl. khim. tekhn. otech. lit. po stroit. i arkhit. (16d)	Bibliograficheskiy otkazatel' tekhnicheskoi otechestvennoi literatury po stroitel'stву i arkhitektуре [Bibliography of Current Soviet Literature on Construction and Architecture]	Gas. delo (16a)	Gasovoe delo [Gas Industry]
Bibliotekar' (8b)	Bibliotekar' [The Librarian]	Gas. prom. (16c)	Gasovaya promyshlennost' [Gas Industry]
Biol. zhur. Arm. (13a)	Biologicheskii zhurnal Armenii [Biological Journal of Armenia]	Genetika (16c)	Genetika [Genetics]
Biol. eksp. biol. i med. (14a)	Bulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Geofiz. biol. (13f)	Geofizicheskiy biulleten' [Geophysical Bulletin]
Biol. inst. teor. astron. (13b)	Akademiya nauk SSSR, Institut teoreticheskoi astronomii, Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy, Bulletin]	Geofiz. sbor. inst. geofiz. UF AN SSSR (16f)	Akademiya nauk SSSR, Ural'skii filial, Sverdlovsk, Institut geofiziki, Geofizicheskiy sbornik [Academy of Sciences of the U.S.S.R. Ural Branch, Institute of Geophysics, Papers on Geophysics]
Biol. ispol. kom. Mosk. gor. nov. (8)	Moscow, Ispolnitel'nyi komitet, Biulleten' [Executive Committee, Bulletin]	Geol. nefli i gasa (16a)	Geologiya nefli i gasa [The Geology of Petroleum and Gas]
Biol. MOIP. Old. geol. (15a)	Moskovskoe obshchestvo ispytaniy prirody, Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society, Bulletin, Geological Section]	Gidr. stroit. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Biol. mezhdu-nar. nauch. s"ezd., konf. i kongr. (1a)	Biulleten' mezhdomarodnykh nauchnykh s"ezdov, konferentsiy, i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Gidrodin. bel'skikh shvetsov (16g)	Gidrodinamika bel'skikh shvetsov [Hydrodynamics of High Velocities]
Biol. Min. vye. i sred. spets. obr. SSSR (8a)	Russkii (1917- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Biulleten' [Ministry of Higher and Secondary Specialized Education, Bulletin]	Gor. khoz. Mosk. (16d)	Gorodskoe khozaystvo Moskvy [Municipal Economy of Moscow]
Biol. stroit. tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Grad. khir. (14b)	Gradskaya khirurgiya [Thoracic Surgery]
Biol. Verkh. Suda RSFSR (8)	Russkii (1917- U.S.S.R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]	IAd. fiz. (13f)	IAderskaya fizika. Journal of Nuclear Physics]
Bot. zhur. (13a)	Botanicheskii zhurnal [Botanical Journal]	Inform. biol. Mirov. (13f)	Akademiya nauk URSS, Kiev, Mirovyyi nauchnyy tsentyr, Informatsionnyi biulleten' [Academy of Sciences of the Ukrainian S.S.R. Interdepartmental Geophysical Committee, Information Bulletin]
Dokl. AN Arm. SSR (18a)	Akademiya nauk Armeniatskoi SSR, Eritvan, Doklady [Academy of Sciences of the Armenian S.S.R. Reports]	Inform. biol. nov. inostr. naig. postup. v Bibl. im V.I. Len. Ser. I (8a)	Moscow, Priblizenno biblioteka, Informatsionnyi biulleten' novykh inostrannykh knig, postupyvshikh v Biblioteku imeni V.I. Lenina, Seriya I, Nauchno-tekhnicheskaya i khimicheskaya nauka, nauchnoye zapovednik i tekhnicheskaya nauka [Public Library, Information Bulletin of New Foreign Books, Received by the Lenin Library, Series I: Physical, Mathematical, and Chemical Sciences; Earth Sciences, Technology and Technological Sciences]
Dokl. AN Azerb. SSR (13a)	Akademiya nauk Azerbaidzhanetskoi SSR, Baku, Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]		
Dokl. AN SSSR (18a)	Akademiya nauk SSSR, Minsk, Doklady [Academy of Sciences of the White Russian S.S.R. Reports]		
Dokl. AN SSSR (13a)	Akademiya nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R. Reports]		
Dop. AN URSS. Ser. A (13a)	Akademiya nauk URSS, Kiev, Dopovidy, Seriya A: Fiziko-tekhnicheskii ta matematicheskii nauki [Academy of Sciences of the Ukrainian S.S.R. Reports, Series A: Physical, Technological, and Mathematical Sciences]		

Inform. biol. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 (3a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupaivshikh v Biblioteku imeni V. I. Lenina. Seriya 2: Biologicheskii nauch. i sotsial. nauch. khoziaistvo, sel'skokhoziaistvennye i lesokhoziaistvennye nauki, zdorovokhraneniye, meditsinskii nauch. [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological Sciences, Agriculture and Forestry, Agricultural and Forestry Sciences, the Health Service, Medical Sciences]	Inv. vys. ucheb. sav., geol. i razv. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Inform. biol. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 (3a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupaivshikh v Biblioteku imeni V. I. Lenina. Seriya 3: Obshchestvennye nauki, khudozhestvennaya literatura, iakosstvo [Public Library Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]	Inv. vys. ucheb. sav., khim. i tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Inform. ukaz. bibl. spis. i kart (3a)	Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, soderzhashchikh bibliotekami Sovetskogo Soюза [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]	Inv. vys. ucheb. sav., mashino-str. (10g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]
Inform. ukaz. stand. (10a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]	Inv. vys. ucheb. sav., radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Inzh.-fiz. zhur. (10a)	Inzhenerno-fizicheskiy zhurnal [Journal of Engineering Physics]	Inv. vys. ucheb. sav., stroit. i arkhitekt. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Issl. po mekh. stroitel. i konstr. (10d)	Issledovaniya po mekhanike stroitel'nykh materialov i konstruktsii [Studies in the Mechanics of Building Materials and Construction]	Inv. vys. ucheb. sav., tekhn. i prom. (10f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Issl. po teorii sooruzhenii (10d)	Issledovaniya po teorii sooruzhenii [Studies in the Theory of Structures]	Kardiologiya (14a)	Kardiologiya [Cardiology]
Isk. i zh. (10a)	Istorika i zhurnal, informatsionno-bibliograficheskiy biulleten' [History of Siberia; Information-Bibliographic Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Dolog. i shir. Selam. Gravimet. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Dologoty i shiroty, Selamologiya, Gravimetriya, Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Longitude and Latitude, Seismology, Gravimetry, Upper Mantle]
Isobr., prem. obrab. i tov. znak. (10a)	Isobrazheniya, premyashchennyye obrabotki, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]	Kat. publ. Mir. tsentra dan. Bl. Meteor. (13b)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Meteorologiya [World Data Center Bl. Catalog of Publications. Meteorology]
Inv. AN Arm. SSR, Fiz. (13f)	Akademiya nauk Armianskoi SSR, Yerevan. Izvestiya, Fizika [Academy of Sciences of the Armenian S.S.R. Bulletin. Physics]	Kat. publ. Mir. tsentra dan. Bl. Meteor. i rad. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Meteorologiya i yadernaya radiatsiya [World Data Center Bl. Catalog of Publications. Meteorology and Nuclear Radiation]
Inv. AN Arm. SSR, Mat. (13e)	Akademiya nauk Armianskoi SSR, Yerevan. Izvestiya, Matematika [Academy of Sciences of the Armenian S.S.R. Bulletin. Mathematics]	Kat. publ. Mir. tsentra dan. Bl. Obshch. (13a)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Obshchestvennaya [World Data Center Bl. Catalog of Publications. General]
Inv. AN Azerb. SSR, Ser. ekon. (13b)	Akademiya nauk Azerbaidzhan'skoi SSR, Baku. Izvestiya, Seriya ekonomiki [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in Economics]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN Kazakh. SSR. Ser. biol. (13c)	Akademiya nauk Kazakh'skoi SSR, Alma-Ata. Izvestiya, Seriya biologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Biological Series]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN Latv. SSR, Ser. khim. (13d)	Latvijas Padomiba Socijalistiskas Republikas Zinatne akademijs, Valsts. Kimijas serija. Izvestija Akademii nauk Latvijas SSR, Seriya khimicheskaya [Academy of Sciences of the Latvian S.S.R. Bulletin. Chemical Series]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN Mold. SSR (13a)	Akademiya nauk Moldav'skoi SSR, Izvestiya [Academy of Sciences of the Moldavian S.S.R. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN SSR, Mekh. zhid. i gaza (13f)	Akademiya nauk SSSR, Izvestiya, Mekhanika zhidkosti i gaza [Academy of Sciences of the U.S.S.R. Bulletin. Mechanics of Liquids and Gas]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN SSR. Neorg. mat. (13d)	Akademiya nauk SSSR, Izvestiya, Neorganicheskie materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN SSR Ser. fiz. (13f)	Akademiya nauk SSSR, Izvestiya, Seriya fizicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. AN Turk. SSR, Ser. obshchestv. nauk (13a)	Akademiya nauk Turkmenskoi SSR, Ashkhabad. Izvestiya, Seriya obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. GosMIOBKH (10b)	Leningrad. Gosudarstvennyi nauchno-issledovatel'skiy institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiya [State Scientific Research Institute of Lake and River Fisheries. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. Krym. astrofiz. obser. (13b)	Akademiya nauk SSSR, Krymskaya astrofizicheskaya observatoriya. Izvestiya [Academy of Sciences of the U.S.S.R. Crimean Astrophysical Observatory. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. Kuib. SKHI (10a)	Kuibyshev. Nauchno-issledovatel'skiy institut. Izvestiya [Agricultural Institute. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. Otd. obshchestv. nauk AN Tadzh. SSR (13a)	Akademiya nauk Tadzhik'skoi SSR, Dushanbe. Otdeleniye obshchestvennykh nauk. Izvestiya [Academy of Sciences of the Tajik S.S.R. Department of Social Sciences. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. Sov. -Oset. nauch. -issl. inst. (13a)	Odesk'skii nauch. -issledovatel'skiy institut. Izvestiya [North Ossetian Scientific Research Institute. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. TIMRO (10b)	Vladivostok. Tikhookeanskii nauchno-issledovatel'skiy institut rybnogo khoziaistva i okeanografi. Izvestiya [Pacific Ocean Scientific Research Institute of Fisheries and Oceanography. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. Vor. gos. ped. inst. (13a)	Voronezh. Gosudarstvennyi pedagogicheskii institut. Izvestiya [State Pedagogical Institute. Bulletin]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. vys. ucheb. sav., elektromekh. (10e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]
Inv. vys. ucheb. sav.; energ. (10a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Investitsiya vysshikh uchebnykh zavedenii; energiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]	Kat. publ. Mir. tsentra dan. Bl. Verkh. mant. (13f)	Mirovoi tsentr dannykh Bl. Katalog publikatsii. Verkhniya i nizhnaya shirina [World Data Center Bl. Catalog of Publications. Upper Mantle]

Litv. mat. exbg. (13a)	Litvinskii matematicheskiy ezhegodnik [Lithuanian Mathematical Yearbook]	Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniю [New Foreign Literature on the Study of Literature]
Les. prom. (18a)	Lesnaya promyshlennost' [Forest Industries]	Nov. lit. o nauke i nauch. -issl. rab. na rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote na rubezhakh [New Literature on Science and Research Abroad]
Let. druzh. SSSR (2a)	Letopis' druzh. SSSR. Letopis' pechat. SSSR [Chronicle of the Publications of the White Russian S.S.R.]	Nov. lit. po Bolg. (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]	Nov. lit. po Chekh. (2a)	Novaya literatura po Chetkoslavskii [New Literature on Czechoslovakia]
Lit. i isk. (2a)	Literatura i iskusstvo [Literature and Art]	Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanii [New Literature on the German Democratic Republic]
Lit. mat. sbor. (13a)	Litovskie matematicheskie risunki. Litovskii matematicheskiy sbornik [Lithuanian Mathematical Papers]	Nov. lit. po Iug. (2a)	Novaya literatura po Iugoslavii [New Literature on Yugoslavia]
Lit. proizv. (16a)	Litovskoe proizvodstvo [Lithuanian Production]	Nov. lit. po obshch. prebl. svyaz. sots. stran (4a)	Novaya literatura po obshchym problemam evropeiskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]
Mash. i mekh. sbor. (16b)	Mashiny i mekhanika oborudovaniia [Machinery and Petroleum Equipment]	Nov. lit. po Pol'sk. (2a)	Novaya literatura po Pol'she [New Literature on Poland]
Mashinostroi'tel' (16g)	Mashinostroitel' [Machine Builder]	Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Romania]
Mat. issl. (13a)	Matematicheskie issledovaniia [Mathematical Studies]	Nov. lit. po Veng. (2a)	Novaya literatura po Vengrii [New Literature on Hungary]
Mat. sbor. (13a)	Matematicheskiy sbornik [Mathematical Review]	Nov. sov. ekon. lit. (8b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]
Med. ref. sbor. (14a)	Meditsinskii referativnyi sbornik [Medical Abstracts]	Nov. sov. i inostr. lit. po stran. As. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Continents of Asia and Africa]
Mekh. stroit. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]	Nov. sov. i inostr. lit. po vop. ateiz. i rel. (3b)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]
Met. i koksokhima. (16b)	Metallurgii i koksokhimiia [Metallurgy and the Chemistry of Coking]	Nov. sov. lit. o nauke i nauch. -issl. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Metallurg (16h)	Metallurg [Metallurgist]	Nov. sov. lit. po filoz. (2a)	Novaya sovetskaya literatura po filiosofii [New Soviet Literature on Philosophy]
Mias. ind. SSSR (16f)	Miasnaya industriia SSSR [Meat Industry of the U.S.S.R.]	Nov. sov. lit. po iss. arkh. i etn. (4a)	Novaya sovetskaya literatura po issledovaniu [New Soviet Literature on the Study of Literature]
Mia. sbor. (18a)	Miasnolovicheskiy sbornik [Mineralogical Review]	Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturovedeniю [New Soviet Literature on the Study of Literature]
Mir ekon. i mezhdunar. otn. (8b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]	Nov. tov. (8a)	Novye tovary, informatsionnyi material [New Consumer Goods; Information Material]
Mol. biol. (13c)	Molekuliarnaia biologii [Molecular Biology]	Nov. vrem. (8)	Obshchie voprosy evoliutsionnoi paleontologii [General Problems in Evolutionary Paleontology]
Mol. komm. (8)	Molodoi kommunist [The Young Communist]	Obshch. vop. - evol. paleo-biol. (12a)	Obshche truda i sotsial'naia strakhovaniia [Protection of Labor and Social Insurance]
Mont. i spets. rab. v stroit. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]	Okhr. truda i sots. strakh. (8d)	Okhran. [Guard]
Mystetstvo (10a)	Mystetstvo [Art]	Oktiastr' (11b)	Optika i spektroskopii; sbornik statei [Optics and Spectroscopy; collection of articles]
NTO (16a)	Vsesoyuznyi soviet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskoe obshchestvo SSSR [All-Union Council of Scientific Technological Societies. Scientific Technological Societies of the U.S.S.R.]	Opt. i spekt. i sbor. st. (19f)	Osnovaniia, fundam. i mekhanika granul [Foundations and Soil Mechanics]
Nauch. -issl. trudy VNIITP (16f)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchno-issledovatel'skie trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Osn. i fund. i mekh. grus. (16d)	Part. zhizn' (8)
Nauch. trudy Krasnodar. pod. inst. (1a)	Krasnodar. Pedagogicheskiy institut. Nauchnye trudy [Pedagogical Institute. Studies]	Part. zhizn' (8)	Peredovoi opyt v stroitel'stve i eksploatatsii shakht [Advanced Experience in the Construction and Exploitation of Mines]
Nauch. trudy TashGU (1a)	Tashkent. Universitet. Nauchnye trudy [University. Studies]	Plan. khos. (8b)	Plazmoe khoz. [Plasma Economy]
Nauch. trudy VIMAKH (16a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoz. Nauchnye trudy [All-Union Scientific Research Institute of Rural Electrification. Studies]	Polapr. skhem. aso. diap. v rad. elek. (16a)	Poluprovodnikovye skhemy nazemskogo diapazona v iadernoi elektronike [Semiconductor Circuits of Nazemskod Band in Nuclear Electronics]
Nauch. pratal' s lat. KPRB (4a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Prak. sudobnopsikh. ekspert. (14a)	Praktika sudobnopsikhicheskoi ekspertizy [Practice of Forensic Psychiatry Expertise]
Naft. khos. (16h)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Naftogaz. geol. i geofiz. (16h)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Pril. biokhim. i mikrobiol. (13a)	Prilozhnaia biokhimiia i mikrobiologiia [Applied Biochemistry and Microbiology]
Naftokhimiia (16a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Pril. mekh. (16g)	Prilozhnaia mekhanika [Applied Mechanics]
Naftnik (16h)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Probl. iash. psikhol. (8a)	Problemy inzhenernoi psikhologii [Problems in Engineering Psychology]
Nov. knigi SSSR (2a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Probl. dev. (12b)	Problemy Severa [Problems of the North]
Nov. knigi na rub. Ser. A (13a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Prora. Arma. (16a)	Promyshlennost' Armeni [Industry of Armenia]
Nov. knigi na rub. Ser. B (16a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Prora. stroit. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Nov. knigi na rub. Ser. V (2a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Rad. lit. (11b)	Radiatsiia [Radiation]
Nov. knigi na rub. po obshchestv. naukam (8a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Rad. pravo (7)	Radiatsiia [Radiation]
Nov. inostr. ekon. lit. (8b)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]	Rad. shk. (8a)	Radiatsiia [Radiation]
Nov. inostr. lit. po filoz. (2a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]		
Nov. inostr. lit. po iss. (11a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]		
Nov. inostr. lit. po ist. i arkheol. i etn. (4a)	Moskov. Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi promyshlennosti. Nauchnye trudy [All-Union Scientific Research Institute of the Kark Goods Industry. Scientific Research Papers]		

Radio (10a)	Radio	Ref. zhur. i Masostr. i kompres- sostro. (10g)	Referativnyi zhurnal: Masoshiroeniye i kompressorostroyeniye (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]
Radiotekhnika (13d)	Radiotekhnika [Radiochemistry]	Ref. zhur. i Mauch. i tekhn. inform. (10a)	Referativnyi zhurnal: Mashinostroyeniye i tekhnicheskaya informatsiya (Otdel'nyi vypusk 60) [Journal of Abstracts: Mechanical and Technical Information (Separate Issue 60)]
Radiotekhnika i elektronika (10a)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Ref. zhur. i Ob. vop. pat. Onk (14a)	Referativnyi zhurnal: Obshchie voprosy patologii. Onkologiya (Otdel'nyi vypusk 63) [Journal of Abstracts: General Problems of Pathology, Oncology (Separate Issue 63)]
Radiotekhnika (10a)	Radiotekhnika [Radio Engineering]	Ref. zhur. i Obor. pishch. prom. (10g)	Referativnyi zhurnal: Oborudovaniye pishchevoy promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Rast. Krain. Sev. SSSR i ee osv. (13c)	Rastitel'nost' Krainego Severa SSSR i ee osv. (Vegetation of the Far North of the U.S.S.R. and its Utilization)	Ref. zhur. i Poshv. i agroklim. (10a)	Referativnyi zhurnal: Podchernozem' i agroklimat (Otdel'nyi vypusk 67) [Journal of Abstracts: Soil Science and Agroclimatology (Separate Issue 67)]
Ref. zhur. Eksp. prom. (5b)	Referativnyi zhurnal: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]	Ref. zhur. i Prom. transp. (10g)	Referativnyi zhurnal: Promyshlennyye transporty [Journal of Abstracts: Industrial Transportation]
Ref. zhur. Astron. (13b)	Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 64) [Journal of Abstracts: Astronomy (Separate Issue 64)]	Ref. zhur. i Radiotekh. (10a)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]
Ref. zhur. i Av. i rak. dvig. (10b)	Referativnyi zhurnal: Aviatransport i raketnyye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]	Ref. zhur. i Rak. stroit. (10b)	Referativnyi zhurnal: Rak. stroit. (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Ref. zhur. i Avt. i gor. transp. (10g)	Referativnyi zhurnal: Avtomobil'nyy i gorodskoy transport [Journal of Abstracts: Automobile and City Transportation]	Ref. zhur. i Rast. (10d)	Referativnyi zhurnal: Rastitel'nyy svetovodstvo (Otdel'nyi vypusk 64) [Journal of Abstracts: Plant Culture (Separate Issue 64)]
Ref. zhur. i Avtom. i telem. i vych. tekhn. (10a)	Referativnyi zhurnal: Avtomatizatsiya, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]	Ref. zhur. i Stroit. i dor. mash. (10g)	Referativnyi zhurnal: Stroitel'stvo i dorozhnyye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Ref. zhur. i Biol. khim. (13c)	Referativnyi zhurnal: Biokhimiya (Otdel'nyi vypusk 30) [Journal of Abstracts: Biochemistry (Separate Issue 30)]	Ref. zhur. i Tekhn. mashinostroy. (10g)	Referativnyi zhurnal: Tekhnicheskaya mashinostroyeniye [Journal of Abstracts: Technology of Machinery Manufacture]
Ref. zhur. i Dvig. vnutr. sger. (10g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Otdel'nyi vypusk 38) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 38)]	Ref. zhur. i Teploenerg. (10g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Ref. zhur. i Elektrosвяз. (10a)	Referativnyi zhurnal: Elektrosвяз. (Otdel'nyi vypusk 64) [Journal of Abstracts: Telecommunication (Separate Issue 64)]	Ref. zhur. i Trakt. i sel'khoz. mash. i orud. (10g)	Referativnyi zhurnal: Traktory i sel'skokhozyaystvennyye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]
Ref. zhur. i Elektrotekh. i energ. (10a)	Referativnyi zhurnal: Elektrotekhnika i energiya [Journal of Abstracts: Electrical Engineering and Electric Power]	Ref. zhur. i Trub. transp. (10g)	Referativnyi zhurnal: Truboprovodnyy transport (Otdel'nyi vypusk 48) [Journal of Abstracts: Pipeline Transportation (Separate Issue 48)]
Ref. zhur. i Farm. Khimioterap. sred. Tekh. (14f)	Referativnyi zhurnal: Farmakologiya. Khimioterapevticheskiye sredstva. Toksikologiya (Otdel'nyi vypusk 64) [Journal of Abstracts: Pharmacology. Chemotherapeutics. Toxicology (Separate Issue 64)]	Ref. zhur. i Turbog. (10g)	Referativnyi zhurnal: Turbogeneratory (Otdel'nyi vypusk 40) [Journal of Abstracts: Turbine Generators (Separate Issue 40)]
Ref. zhur. i Fotokinetika. (10g)	Referativnyi zhurnal: Fotokinetika (Otdel'nyi vypusk 45) [Journal of Abstracts: Photokinetics and Motion Pictures Equipment (Separate Issue 45)]	Ref. zhur. i Vod. transp. (10b)	Referativnyi zhurnal: Vodnyy transport [Journal of Abstracts: Water Transportation]
Ref. zhur. i Geod. (13b)	Referativnyi zhurnal: Geodesiya (Otdel'nyi vypusk 60) [Journal of Abstracts: Geodesy (Separate Issue 60)]	Ref. zhur. i Vop. tekhn. prog. i org. proizv. v mashinostroy. (10g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyeniye (Otdel'nyi vypusk 38) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 38)]
Ref. zhur. i Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]	Ref. zhur. i Vozd. transp. (10b)	Referativnyi zhurnal: Vozdushnyy transport [Journal of Abstracts: Air Transportation]
Ref. zhur. i Geol. (13c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]	Ref. zhur. i Vuz. i nauch. i tekhn. inform. (10a)	Referativnyi zhurnal: Vuzovskoye nauchnoye i tekhnicheskoye informatsionnoye soderzhanie (Otdel'nyi vypusk 31) [Journal of Abstracts: Scientific and Technical Information of Universities (Separate Issue 31)]
Ref. zhur. i Gor. delo (10h)	Referativnyi zhurnal: Gornoye delo [Journal of Abstracts: Mining]	Ref. zhur. i Khel. dor. transp. (10g)	Referativnyi zhurnal: Khelozhiznnyy transport [Journal of Abstracts: Railroad Transportation]
Ref. zhur. i Gor. mash. (10h)	Referativnyi zhurnal: Gornyye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]	Ryb. khoz. (10b)	Rybnoye khoz. (Fisheries)
Ref. zhur. i IAD. resk. (10a)	Referativnyi zhurnal: IAD. resk. (Otdel'nyi vypusk 60) [Journal of Abstracts: Nuclear Reactors (Separate Issue 60)]	Sbor. inst. seorg. khim. i elektrokhim. AM Grus. SSR (13d)	Academia nauk Gruzinskoy SSR. Tbilisi. Institut neorganicheskoy khimii i elektrokhimii. Sbornik (Academy of Sciences of the Georgian S.S.R. Institute of Inorganic Chemistry and Electrochemistry. Collected papers)
Ref. zhur. i Isel. kosm. prest. (13a)	Referativnyi zhurnal: Issledovaniya kosmicheskogo prostora (Otdel'nyi vypusk 63) [Journal of Abstracts: Space Research (Separate Issue 63)]	Sbor. MIST (10d)	Moscow. Nauchno-issledovatel'skiy institut samarnoy tekhniki. Sbornik (Scientific Research Institute of Self-acting Technology. Papers)
Ref. zhur. i Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]	Sbor. nauch. rab. KGMi (14a)	Fransa. Kirgizskiy gosudarstvennyy meditsinskii institut. Sbornik nauchnykh rabot (Kirgiz State Medical Institute. Papers)
Ref. zhur. i Kom. i byt. i org. obor. (10g)	Referativnyi zhurnal: Kom. i byt. i org. obor. (Otdel'nyi vypusk 33) [Journal of Abstracts: Commercial, Household, and Commercial Equipment (Separate Issue 33)]	Sbor. nauch. trad. Krev. nauch. i isel. trav. i ori. (14b)	Ermen. Nauchno-issledovatel'skiy institut travmatologii i ortopedii. Sbornik nauchnykh rabot (Scientific Research Institute of Traumatology and Orthopedics. Papers)
Ref. zhur. i Kosh. (10g)	Referativnyi zhurnal: Kosh. (Otdel'nyi vypusk 40) [Journal of Abstracts: Boiler Manufacture (Separate Issue 40)]	Sbor. nauch. trad. KGMi (14a)	Fransa. Kirgizskiy gosudarstvennyy meditsinskii institut. Sbornik nauchnykh rabot (Kirgiz State Medical Institute. Papers)
Ref. zhur. i Leg. prom. (10f)	Referativnyi zhurnal: Leg. prom. (Otdel'nyi vypusk 40) [Journal of Abstracts: Light Industry (Separate Issue 40)]	Sbor. nauch. trad. TSANII (14f)	Moscow. TSANII. Nauchno-issledovatel'skiy institut. Sbornik nauchnykh rabot (Central Pharmaceutical and Scientific Research Institute. Papers)
Ref. zhur. i Lesovod. i lesovod. (10a)	Referativnyi zhurnal: Lesovodeniye i lesovodstvo (Otdel'nyi vypusk 66) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 66)]	Sbor. rab. Kursk. gidromet. sbor. (13f)	Kursk. Gidrometeorologicheskaya observatoriya. Sbornik rabot (Hydrometeorological Observatory. Papers)
Ref. zhur. i Mash. konstr. i rasch. det. mash. i dr. (10g)	Referativnyi zhurnal: Mashinostroyeniye i raschet detalei mashin. Gidromashinostroyeniye (Otdel'nyi vypusk 40) [Journal of Abstracts: Machinery Manufacture and the Design of Machine Parts. Hydromachinery (Separate Issue 40)]	Sbor. rab. MIST (10a)	Moscow. Nauchno-issledovatel'skiy institut. Sbornik rabot (Scientific Research Institute. Papers)
Ref. zhur. i Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]		
Ref. zhur. i Mel. (10h)	Referativnyi zhurnal: Melioratsiya [Journal of Abstracts: Melioration]		
Ref. zhur. i Metr. i izm. tekhn. (10a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 33) [Journal of Abstracts: Metrology and Measurement Technology (Separate Issue 33)]		

Trudy Sem. "Automatiz. program." (13e)	Seminar "Avionizatsiya programirovaniya. "Trudy [Seminar "Automation of Programming." Transactions]	Ukr. fiz. khim. (13f)	Ukrains'kiy fizichnyi zhurnal [Ukrainian Physics Journal]
Trudy Sem. "Biol. i mat. mod. v biol." (13e)	Seminar "Biologiya i matematicheskie modelirovaniya v biologii." [Trudy, Seminar "Biology and Mathematical Modeling in Biology." Transactions]	Usb. biol. khim. (13o)	Usbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Trudy Sev. Kav. NII (16h)	Severo-Kavkazskii nauchno-issledovatel'skii institut. Trudy [North-Caucasian Petrolem Scientific Research Institute. Transactions]	Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy Soles- NIKH (18d)	Tashkent. Vsesoyuznyi nauchno-issledovatel'skii institut khlopkovodstva. Trudy [All-Union Scientific Research Institute of Cotton Growing. Transactions]	Ved. Vorkh. Sov. RSFSR (8)	Russia (1917- R. S. F. S. R.) Vorkhovyi Sovet. Voennoye [Supreme Soviet. Gazette]
Trudy TSOU (14a)	Moscow. Tsentral'nyi nauchno-issledovatel'skii institut vychisl. Trudy [Central Institute for Postgraduate Training of Physicians. Transactions]	Ved. Vorkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Vorkhovyi Sovet. Voennoye [Supreme Soviet. Gazette]
Trudy TSMIDI (14g)	Moscow. Tsentral'nyi nauchno-issledovatel'skii datslek- tatsionnyi institut. Trudy [Central Scientific Research Institute of Distillation. Transactions]	Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
Trudy TSMII MPS (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut shelazhodorozhnogo transporta. Trudy [All-Union Sci- entific Research Institute of Railroad Transportation. Transactions]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Trudy TSMIIKVT (17b)	Moscow. Tsentral'nyi nauchno-issledovatel'skii institut shoseniki i stroyatel'stva vodnogo transporta. Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportations. Transactions]	Vest. Mekh. na. Ser. 2: Khim. (18d)	Moscow. Universitet. Vestnik. Seria 2: Khimii [Un- iversity. Review. Series 2: Chemistry]
Trudy TSMIMF (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]	Vest. Mekh. na. Ser. 3: Biol., pochv. (13o)	Moscow. Universitet. Vestnik. Seria 3: Biologiya, pochvovedeniye [University. Review. Series 3: Biology, Soil Science]
Trudy Tadsh. sel'khoz. inst. (18a)	Dushanbe. Tadzhikskii sel'skokhozyaystvennyi institut. Trudy [Tajik Agricultural Institute. Transactions]	Vest. aviatsi (16e)	Vestnik aviatsii [Communication Review]
Trudy Un. druzh nar. Mashinostro. (16g)	Moscow. Universitet druzhby narodov. Trudy. Mashino- stroeniye [University of the Friendship of Peoples. Transactions. Machinery Manufacture]	Vest. TSMII MPS (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut shelazhodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation Journal]
Trudy VIKHOMA (18g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut sel'skokhozyaystvennogo mashinostroyeniya. Trudy [All- Union Scientific Research Institute of Agricultural Ma- chinery Manufacture. Transactions]	Vest. vyzn. shkoly (18a)	Vestnik vyzhivaniya shkoly [Review of Schools for Higher Education]
Trudy VMIGRI (16h)	Leningrad. Vsesoyuznyi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petro- leum (Scientific Research) Geological Prospecting In- stitute. Transactions]	Vest. AN BSSR. Ser. biol. nav. (13e)	Akademika nauk BSSR, Minsk. Vestnik. Seriya 1: Biologiya [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Biological Sciences]
Trudy VMIPS (16a)	Vsesoyuznyi nauchno-issledovatel'skii institut farmatse- v i spirtovoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Fermentation and Distilling Industry. Transactions]	Vest. AN BSSR. Ser. khim. nav. (1a)	Akademika nauk BSSR, Minsk. Seriya 2: Khimicheskaya [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Chemical Sciences]
Trudy VAKGEI (12e)	Leningrad. Vsesoyuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]	Vest. AN BSSR. Ser. khim. nav. (13d)	Akademika nauk BSSR, Minsk. Vestnik. Seriya 3: Khimicheskaya [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Chemical Sciences]
Trudy Vych. tsentra Tart. gos. un. (13e)	Tartu. Utkool. Vychislitel'nyi tsentr. Trudy [University, Computation Center. Transactions]	Vest. torg. (8a)	Vestnik torgovli [Foreign Trade]
TSement (16d)	Thames [Cement]	Voen - med zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
TSitologiya (13e)	TSitologiya [Cytology]	Vop. ekon. (8b)	Voprosy ekonomiki [Problems of Economics]
TSvet. met. (18h)	TSvetoprometnyye metally [Refractory Metals]	Vop. elek. model. pol. (16e)	Voprosy elektricheskogo modelirovaniya poluprovodnikov [Problems in Electric Modeling of Fields]
Uch. zap. GOU (Ufa) (11a)	Ufa. Bashkirskii gosudarstvennyi universitet. Uchenye zapiski [Bashkir State University. Studies]	Vop. filoz. (13a)	Voprosy filozofii [Problems of Philosophy]
Uch. zap. GOUPI (1a)	Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vop. geol., geogr. i kraeved. (18b)	Voprosy geologii, geografii i kraevedeniya [Problems in Geology, Geography and Local Nature History]
Uch. zap. GOU (1a)	Gorkiy. Universitet. Uchenye zapiski [University. Studies]	Vop. ikht. (13e)	Voprosy ikhtologii [Problems in Ichthyology]
Uch. zap. Irk. gos. ped. inst. (13e)	Irkutsk. Gosudarstvennyi pedagogicheskii institut in- ostrannykh yazykov. Uchenye zapiski [State Pedagogical Institute of Foreign Languages. Studies]	Vop. ist. (4a)	Voprosy istorii [Problems of History]
Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad. Gos. ekon. (8b)	Uchenye zapiski kafedry obshchestvennykh nauk vuzov. g. Leningrad. Gos. ekonomika i statistika. Uchenye zapiski [Department of Social Sciences of Leningrad Institutions of Higher Education. Economics]	Vop. ist. est. i tekhn. (12a)	Voprosy istorii estestvoznaniya i tekhniki [Problems of the History of Natural Science and Technology]
Uch. zap. Kao. na (1a)	Kazan. Universitet. Uchenye zapiski [University Studies]	Vop. ist. KPSS (8)	Voprosy istorii KPSS [Problems in the History of the CPSU]
Uch. zap. Kish. na. (1a)	Kishinev. Universitet. Uchenye zapiski [Univer- sity. Studies]	Vop. isobr. (18a)	Voprosy izobreteniya [Problems of Invention]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]	Vop. psikhol. (8a)	Voprosy psikhologii [Problems of Psychology]
Uch. zap. Orlov. gos. ped. inst. (1a)	Orsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vop. virus. (13e)	Voprosy virusologii [Problems of Virology]
Uch. zap. Ped inst. Gorkiy. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gorkiy. Uchenye zapiski [A. I. Gorkiy State Pedagogical Institute. Studies]	Vrach. delo (14a)	Vrachinskie delo [Medical Practice]
Uch. zap. Perm. gos. ped. inst. (1a)	Perm. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vych. i prikl. mat. (13e)	Vychislitel'naya i prikladnaya matematika [Computer and Applied Mathematics]
Uch. zap. Petrosax gos. un. (1a)	Petrozavodsk. Universitet. Uchenye zapiski [University. Studies]	Vysokom. sosed. (13d)	Vysokomolekulyarnyye soedineniya [Macromolecular Com- pounds]
Uch. zap. po stat. (8b)	Uchenye zapiski po statistike [Studies in Statistics]	Varyv. elektr. (16e)	Gosudarstvennyi institut po proektirovaniyu i issledovaniyu vzryvobezopasnykh elektrobordovozov. Voprosy bez- opasnosti elektrobordovozov [State Planning and Research Institute for Explosion-Proof Electrical Equipment. Pro- blems of Safety of Electrical Equipment]
Uch. zap. TOU (1a)	Tomsk. Universitet. Uchenye zapiski [University. Studies]	Za tekhn. prog. (18a)	Za tekhnicheskii progress [For Technological Progress]
Uch. zap. UrGU (1a)	Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uche- nye zapiski [Ural State University. Studies]	Zap. LSKHI (18a)	Pechkin. Leningradskii sel'skokhozyaystvennyi institut zapiski [Leningrad Agricultural Institute. Annals]
		Zap. Vses. min. ob-va (12e)	Vsesoyuznoye mineralogicheskoye obshchestvo. Zapiski [All-Union Mineralogical Society. Annals]
		Zashch. met. (18h)	Zashchita metallov [Metals' Protection]
		Zav. Lab. (18h)	Zavodskaya laboratoriya [The Factory Laboratory]
		Zem. i vesel. (13b)	Zemlya i veselaniye [Earth and the Universe]
		Zhel. dor. transp. (16g)	Shelazhodorozhnyi transport [Railroad Transportation]
		Zhur. eksp. i klin. med. (14a)	Zhurnal eksperimental'noi i klinicheskoy meditsiny [Journal of Experimental and Clinical Medicine]
		Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoy fiziki [Journal of Experimental and Theoretical Physics]
		Zhur. evol. biokhim. i fiziol. (13o)	Zhurnal evolyutsionnoy biokhimii i fiziologii [Journal of Evolutionary Biochemistry and Physiology]

Zhur. Mosk. Patr.
(13b)

Zhur. neorg.
khim. (13d)

Zhur. nerv. i
psikh. (14c)

Orthodox Eastern Church, Russian, Patriarch. Zhurnal
Moskovskoi Patriarkhii [Journal of the Moscow Patri-
archate]

Zhurnal neorganicheskoi khimii [Journal of Inorganic
Chemistry]

Zhurnal nevrologii i psikhiiatrii [Journal of Neuropathol-
ogy and Psychiatry]

Zhur. prikl.
khim. (16c)

Zhur. strukt.
khim. (13d)

Zhur. vys. nerv.
deiat. (14c)

Zool. zhur.
(13e)

Zhurnal prikladnoi khimii [Journal of Applied Chemistry]

Zhurnal strukturnoi khimii [Journal of Structural Chem-
istry]

Zhurnal vysshei nervnoi deiatel'nosti [Journal on
Higher Nervous Activity]

Zoologicheskii zhurnal [Zoological Journal]

0. GENERALITIES

00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE
Dmitriyenko, V. A. - Subject matter of the general theory of science. Uch. zap. TGU no. 10:134-144 '68.
Dmitriyenko, V. A. - Scientific concept of "science" and its relative independence. Uch. zap. TGU no. 64: 22-30 '68.

003 Documentation and information retrieval. Publications
Akhosov, I. A., Kurbakov, K. I. - An information and control system is indispensable in the field of metrology and measuring equipment. Stand. i kach. 33 no. 12: 8-14 D '68.
Baron, A. L. - Storage, registration and use of a collection of documentation of engineering standards. Stand. i kach. 33 no. 12: 55 D '68.
Bergman, M. V. - The conscience of the law. Stand. i kach. 33 no. 10: 77-78 O '68.
Dolobanov, A. A., Baron, A. L. - Development and growth of scientific and technical information and its dissemination is a necessary precondition of progress in standardization. Stand. i kach. 33 no. 10: 75-76 O '68.
Koshcheyeva, A. L., Maria, R. L. - Experiences in using a collection of documentation of engineering standards. Stand. i kach. 33 no. 12: 55 D '68.
Salnikov, A. - A valuable source. Bibliotekar' no. 12: 35-37 D '68.
[Scientific and technical information] Ref. zhur. i zhuch. i kach. inform. no. 11-13 M-D '68.
Savitskiy, D. - Mechanical accounting of applicability of parts and units in special technological equipment. Stand. i kach. 33 no. 12: 63-67 D '68.
Tuchanenko, V. V., Kurbakov, K. I. - Optimum construction of a single information system of the Committee on Standards. Stand. i kach. 33 no. 10: 77-78 O '68.
Verchenko, V. R., Kiselevich, L. A., Kofman, I. U. A. - Organizing a system of operative information on the introduction and observance of state standards. Stand. i kach. 33 no. 10: 70-73 O '68.

01 Bibliography
[Book chronicle] Knizh. list. no. 61 '68.
[Chronicle of periodical articles] Let. zhur. i zhuch. no. 61: 47-68 '68.
[Chronicle of the publications of the White Russian S. S. R.] Let. zhur. i zhuch. no. 9: 8 '68.
[Information bulletin of new foreign books, received by the Lenin Library. Series 1] Inform. biul. nov. knozh. knig. postap. v Bibl. im. V. I. Len. Ser. 1: 14 nos. 1-5 Ja-F '68.
[Information bulletin of new foreign books, received by the Lenin Library. Series 2] Inform. biul. nov. knozh. knig. postap. v Bibl. im. V. I. Len. Ser. 2: 12 nos. 1-3 Ja-F '68.
[Information bulletin of new foreign books, received by the Lenin Library. Series 3] Inform. biul. nov. knozh. knig. postap. v Bibl. im. V. I. Len. Ser. 3: 12 nos. 1-3 Ja-F '68.
[Information bulletin of bibliographical lists and card files] Inform. biul. knig. i kach. i kach. 13 nos. 1-3 Ja '68.
[New books of the U. S. S. R.] Nov. knigi SSSR no. 60, D '68; no. 1 Ja '68.
[New foreign books, Series V: Biology, medicine, agriculture] Nov. knigi na rub. Ser. V: Biol., med., sel. khoz. 13 no. 11 M '68.
[New foreign books on the social sciences; economics philosophy, history, international relations] Nov. knigi na rub. po obshchestv. naukam: ekon., filoz., ist., gosudarst. i pravo. 11 no. 11 M '68.
[New foreign literature on history, archaeology, and ethnography] Nov. knigi na rub. po ist., etnol. i etn. no. 8/9 '68.
[New literature on science and research abroad] Nov. kn. o nauch. i issled. - izn. rub. na rub. no. 8-9 '68.
[New Soviet literature on history, archaeology, and ethnography] Nov. sov. kn. po ist., etnol. i etn. no. 7-9 '68.
[New Soviet literature on science and general research in the U. S. S. R.] Nov. sov. kn. o nauch. i issled. - izn. rub. v SSSR no. 8-9 '68.
Published by "Vysshaya shkola." - Vest. vyzh. shkol. 23 no. 1: 22-23 O '68.

01(431)—German Democratic Republic

[New literature on the German Democratic Republic] Nov. kn. po Ger. Dem. Resp. no. 8-9 '68.

01(437)—Czechoslovakia
[New literature on Czechoslovakia] Nov. kn. po Chesh. no. 7 '68.

01(438)—Poland
[New literature on Poland] Nov. kn. po Pol'. no. 8-9 '68.

01(439)—Hungary
[New literature on Hungary] Nov. kn. po Veng. no. 8-9 '68.

01(471, 82)—Krasnodar Territory
Bukharov, A. - A valuable source. Bibliotekar' no. 12: 35-37 D '68.

01(496)—European communist countries as a group
[New literature on the general problems of the European socialist countries] Nov. kn. po obshch. profil. evrop. soc. stran. no. 3 '68.

01(497, 1)—Yugoslavia
[New literature on Yugoslavia] Nov. kn. po Yug. no. 8-9 '68.

01(497, 2)—Bulgaria
[New literature on Bulgaria] Nov. kn. po Bulg. no. 8-10 '68.

01(498)—Romania
[New literature on Romania] Nov. kn. po Rum. no. 8-10 '68.

01(5)—Asia
[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. kn. po stran. Az. i Afr. no. 7-9 '68.

01(6)—Africa
[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. kn. po stran. Az. i Afr. no. 7-9 '68.

01.8 Bibliographies on generalities (knowledge and culture, bibliography, metrics, organization, etc.)
Books published in 1968. Bibliotekar' no. 12: 63-64 D '68.

01.1 Bibliographies on philosophy
Articles published in foreign periodicals. Vop. filoz. no. 11: 141-144 '68.
[New foreign literature on philosophy] Nov. inostr. kn. po filoz. no. 8-10 '68.
[New Soviet literature on philosophy] Nov. sov. kn. po filoz. no. 8-10 '68.

01.2 Bibliographies on religion
[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. kn. po vop. ateiz. i rel. no. 8-9 '68.

01.3 Bibliographies on social sciences, law, military and naval sciences, education
Books on economics published in July-August, 1968. Vop. ekon. no. 12: 134-134 D '68.
New books. Agitator no. 1: 64 Ja '68.
New books. Komsomol 46 no. 13: 134-134 S '68.
New books. Komsomol 46 no. 14: 137-137 S '68.
New books. Part. zhur. no. 1: 137-137 S '68.
New books. Part. zhur. no. 2: 137-137 S '68.
[New foreign economic literature] Nov. inostr. ekon. kn. no. 9 '68.
New legal literature published in July-August 1968 in the U. S. S. R. Sov. gos. i prav. no. 11: 131-131 M '68.
[New Soviet economic literature] Nov. sov. ekon. kn. no. 7-8 '68.

01.4 Bibliographies on philology and language

Bogin, G. I. - German linguistics and methods of teaching foreign languages in Bashkiria. Uch. zap. BSHU (Ufa) no. 2. Ser. filolog. nauk no. 9: 235-240 '64.

[New foreign literature on linguistics] Nov. inostr. kn. po ling. no. 8-9 '68.
[New Soviet literature on linguistics] Nov. sov. kn. po ling. no. 8 '68.

01.5 Bibliographies on mathematics and natural sciences
Bibliography of foreign literature on genetics (February 1968). Genetika 4 no. 7: 170 '68.
[Catalog of Publications received by the World Data Center III. General] Kat. publ. Mtr. tsentra dan. Bl. Obshch. no. 8, Ja-Jl '68; no. 15-16 Ja-D '68; no. 18 Jl-D '67.
[Catalog of Publications received by the World Data Center III. II Meteorology. XIV Nuclear Radiation] Kat. publ. Mtr. tsentra dan. Bl. II Meteor. XIV Yad. rad. no. 8 Ja-Jl '68.
[Catalog of Publications received by the World Data Center III. IX Oceanography. X Cosmography] Kat. publ. Mtr. tsentra dan. Bl. IX Okean. X Kosmos. no. 15-16 Ja-D '68; no. 17 Ja '67.
[Catalog of Publications received by the World Data Center III. Longitudes and Latitudes. Seismology. Gravimetry. Upper Mantle] Kat. publ. Mtr. tsentra dan. Bl. Dolg. i shr. Seizma. Gravitmet. Verkh. mant. no. 14-15 Ja-D '68; no. 18 Jl-D '67.
[Catalog of Publications received by the World Data Center III. Meteorology and Nuclear Radiation] Kat. publ. Mtr. tsentra dan. Bl. Meteor. i Yad. rad. no. 15-16 Ja-D '68.
[Catalog of Publications received by the World Data Center III. Upper Mantle] Kat. publ. Mtr. tsentra dan. Bl. Verkh. mant. Brodnyi vypusk Ja '64-Ja '68.
[Chemical information] Chemical index of articles in foreign periodicals. Khim. inform. i abst. kh. i v. knozh. no. 11: 175-174 '68.
Makrimenko, F. F. - Literature on the mineralogy of the Urals in 1968. Min. shor. 31 no. 4: 419-423 '67.
[New foreign books, Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi na rub. Ser. A: 11 no. 11 D '68.

01.6 Bibliographies on applied sciences, medicine, technology
Akhosov, I. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during July 1968. Zhur. nerv. i psikh. 68 no. 11: 173-174 '68.
Akhosov, I. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during August and September 1968. Zhur. nerv. i psikh. 68 no. 12: 183-184 '68.
Bibliography. Zhur. i kach. 24 no. 147 Ja '67.
[Bibliography of current Soviet literature on construction and architecture] Bibl. zhur. i kach. 24 no. 147 Ja '67.
Gerasimov, V. V. - Literature on peas; 3d quarter 1968 (to be continued). Trud. prom. 45 no. 10: 11-12 '68.
New books on foundry production. Lit. proizv. no. 6: 61 Ag '68.
[New foreign books, Series B: Technology] Nov. knigi na rub. Ser. B: Tekhn. 13 no. 11 M '68.
VII-symposium, M. L. - Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during the second quarter of 1968. Zhur. nerv. i psikh. 68 no. 11: 173-174 '68.

01.8 Bibliographies on literature
[New foreign literature on the study of literature] Nov. inostr. kn. po lit. no. 8-10 '68.
[New Soviet literature on the study of literature] Nov. sov. kn. po lit. no. 8-9 '68.
Osmorin, V. V., Rybakov, N. I. - Bibliography of A. P. Gaidar's work and of literature concerning him. Uch. zap. OGU no. 70: 140-147 '68.

01.9 Bibliographies on history, geography

Belikov, V. K., Akhmedov, R. V. - Literature on party development published by the "politizdat" and "myul" publishing houses. Vop. ist. KPSS no. 1: 131-134 '68.
Brief notes about historical books. Vop. ist. no. 1: 131-134 '68.
Documents and articles on the history of the CPSU and the international communist and labor movement published in November 1968 in periodicals, studies, collections, and scholarly serials. Vop. ist. KPSS no. 1: 133-148 '68.

01.9 (Continued)
Foreign reviews of Soviet historical studies. Vop. izn. no. 11:84-90 M '68.
Historical articles in periodicals published in socialist countries. Vop. izn. no. 11:80-83 M '68.
Historical articles published in Soviet periodicals. Vop. izn. no. 11:80-84 M '68.
[History of Siberia; information-bibliographic building] Ist. Sib. Ja-Je '66, Ja-Mr; JI-D '67.
New books. Vop. izn. no. 11:178-180 M '68.

017 Catalogs

Kozlovskaya, V. A. - Scientific and reference apparatus of the Central State Archives of the R. S. F. S. R. and prospects for its development. Sov. arkh. no. 4:48-54 '68.

02 Libraries. Librarianship

Abramov, K. - "You should learn to study as V. I. Lenin did." Bibliotekar' no. 12:18-21 D '68.
Answering your questions. Bibliotekar' no. 12:61 D '68.
Bokhanovich, E. - Quantity as well as quality. Bibliotekar' no. 12:64-66 D '68.
Books published in 1968. Bibliotekar' no. 12:62-64 D '68.
Daykova, M. - Fiction literature in rural libraries. Bibliotekar' no. 12:63-66 D '68.
K. A. - At the sources. Bibliotekar' no. 12:32-33 D '68.
Koplan, M. - There should be special appropriations for school libraries. Bibliotekar' no. 12:69 D '68.
O. S. Chubar'yan's 60th birthday. Bibliotekar' no. 12:68-61 D '68.
Olshova, Z. - According to Kropotkin's plans. Bibliotekar' no. 12:38-31 D '68.
Remarkable road. Bibliotekar' no. 12:14-18 D '68.
Seifonov, G. - Congress of library workers. Sred. spets. obr. 14 no. 4:37 Ap '68.
Toward new achievements in our work. Bibliotekar' no. 12:13 D '68.
Vladik, K. - Library is helping petroleum workers. Neftnik 13 no. 8:50 O '68.
You should participate in the review. Bibliotekar' no. 12:1-5 D '68.

03(471.33)—Pskov Province

Lisnaya, V. - A library is 100 years old. Bibliotekar' no. 12:63-61 D '68.

03(471.341)—Gorkiy Province

Romanova, L., Kals, R. - We try to develop an interest in self-education. Bibliotekar' no. 12:47-48 D '68.

03(471.43)—Ulyanovsk Province

Lisnaya, R. - In Nizhny Novgorod. Bibliotekar' no. 12:4-9 D '68.

03(471.44)—Samarkand Province

Dogadil'shchikova, M. - We are studying the heritage of Medvedev Konstantinovich. Bibliotekar' no. 12:38 D '68.

03(471.63)—Krasnodar Territory

Ketiko, J. - On a sky-blue acreage. Bibliotekar' no. 12:30-31 D '68.

03(477)—Ukrainian S. S. R.

Vod, L. - Everybody is interested here. Sov. prosvetshay 24 no. 10:28-28 O '68.

03(571.651)—Chukotka National Area

Dolivos, M. - For deer breeders, hunters, and fishermen. Bibliotekar' no. 12:43-43 D '68.

036 Reading. Advice for readers

Gorsk, K. - Throw to study M. K. Kropotkin's works. Bibliotekar' no. 12:33-34 D '68.
Kartashov, M. - Apropos of a discussion on the readers' interest. Bibliotekar' no. 12:67-68 D '68.

038(471.18)—Krasn. A. S. S. R.

Borisova, N. - Books serve as a school for forest wardens. Bibliotekar' no. 12:41-41 D '68.

038(471.23)—Leningrad Province

Mikhomolova, L. - Green light for agricultural books. Bibliotekar' no. 12:38-40 D '68.

038(471.316)—Yaroslavl Province

Larisev, V. - It is an indispensable condition to know the readers. Bibliotekar' no. 12:44-47 D '68.

038(471.341)—Gorkiy Province

Romanova, L., Kals, R. - We try to develop an interest in self-education. Bibliotekar' no. 12:47-48 D '68.

038(571.651)—Chukotka National Area

Dolivos, M. - For deer breeders, hunters, and fishermen. Bibliotekar' no. 12:43-43 D '68.

05 Periodicals. Reviews

Berezina, V. G. - Forms and methods of satire in M. I. Vorobey's periodicals "Pravda" (1769-1779) and "Zhalovets" (1773-1775). Vest. LGU 23 no. 30: 74-84 O '68.
[Chronicle of periodical articles] Ist. skaz. st. nos. 48, 47-48 '68.

E. X. - "Christian Peace Conference." nos. 18, 17-18, 19, 20-21. Khark. Mosk. Pair. no. 2:84-87 '67.
Objectives of the journal in the light of the decisions of the Plenum of the Central Committee of the CPSU. April 1968. Ozn. i. fond. i. nach. gos. 19 no. 8:1 '68.
A readers' conference at a province court. Sov. iust. no. 18:39 Ag '68.
Tribune of ideas on peace and social progress: the 10th anniversary of the periodical "Problemy mira i sotsializma." Komsomolst 48 no. 14:43-48 S '68.

06(437)—Chukotka National Area

Cochova, Gabriela. - Chukotskaya arkhivnaya literatura. Sov. arkh. no. 4:73-74 '68.

06(471.33)—Perm Province

Stogor, I. V. - Journal "Priroda." Berezik' period. Priroda no. 1:128-137 '68.

06 Organizations. Associations. Congresses. Meetings

06.06 Exhibitions, competitions, examinations

"Aviatsionka-68." Vostok, 48 no. 3:44-46 '68.
Deltavskii, I. S. - Anniversary exhibition, computer calculations in construction work. Bnl. stroit. tekhn. 23 no. 10:43-48 O '67.
Dygin, A. P., Kartashov, G. I. - Exhibition on the theme "Heavy engineering and industrial aviation in the construction and building materials industries." Stroit. stroit. 11 no. 3:38-39 Mr '68.
Korobov, A. M. - Exhibition of trade equipment for textile use. Sov. torg. 43 no. 11:54-56 D '68.
Leipzig 68 progress, business contacts. Prom. Arkt. 18 no. 8:87-89 '68.
Makarov, G. - The hero is next to you. Sov. prosvetshay 24 no. 10:10 O '68.
Morozov, B. F. - An exhibition and review in Khabarovsk. Vest. vyz. shkol. 24 no. 10:10-13 O '68.
Bakhtin, A. M. - Future Moscow at the Exhibition of Achievements of National Economy of the U. S. S. R. Gor. izn. Mosk. 47 no. 1:44-48 Ja '68.
Kishov, K. A. - All-Union public review competitive evaluation of the best quality of construction. Stroit. mest. 14 no. 11:14-18 M '68.
Kishov, K. - Coke and coke chemicals at the Exhibition of Achievements of the National Economy of the U. S. S. R. Kishovsk. no. 11:11 '68.
Vladov, I. U. - "Kryukovsk-68." WTO 18 no. 11:44-45 M '68.
Vordtsev, A. V. - Methods and instruments for technical testing at the 10th International Motor Bus Week in Nice. Avi. prom. 34 no. 9:43-48 S '68.

06.07 Various activities

Zotova, K. L., Sagorodskaya, L. I. - Seasonal botanical excursions with schoolchildren. Izv. Vor. gos. ped. inst. 30:38-44 '67.

06.07(471.310)—Moscow City

Preparation plan for the secretary of V. I. Lenin's birth by the personnel of the Moscow Elektromekhanicheskii plant named after Vladimir Ilyich and awarded with the Order of Lenin and the Red Banner of Labor. Par. skaz. no. 11:27-27 M '68.

06.08 Historic, biographic, commemorative celebrations

Glavosek path of struggle and achievement. Rad. shk. 47 no. 11:4-10 M '68.
Groshev, V. P. - An active helper of the party in the building of higher education. Vest. vyz. shkol. 25 no. 10:2-8 O '68.
The October Revolution, Lenin, literature. Rad. shk. 47 no. 11:3-7 M '68.

06.1 Institutions, associations, congresses, etc.

Agadzhanyan, M. A. - Problems of space biology and medicine at the Eighth Congress of the International Astronautical Federation. Kozm. biol. i med. 2 no. 2:88-94 '68.
Aigina, M. P., Durov, A. G. - Technological conference on cartography. Vest. LGU 23 no. 30:128-140 S '68.
All-Union conference on fisheries in lakes and rivers and reservoirs. Ryb. khoz. 44 no. 12:78-81 D '68.
Antonov, V. - A twelfth sector. Nov. vresh. 27 no. 3:23-23 Jan. '68.
Aravits, V. I., Galitskiy, A. V. - Eleventh Coordinated Conference on the Deep-sea Research in High-pressure Structures. Bnl. stroit. tekhn. 23 no. 10:38-40 O '68.
Azer, V. G. - International exchange of scientific information. Vop. psikh. 14 no. 3:117-120 My-Je '68.
Before new tasks. Part. zhizn. 36 no. 18:16-17 JI '68.
Bilokov, M., Orlovskaya, O. - Problems of science management. Vop. ekon. no. 11:136-138 D '68.
[Birth of international scientific meetings, conferences, and congresses] Bnl. stroit. tekhn. no. 11:136-138 D '68.
Conference on the chemistry of carbide nitrides, borides and silicides of transition metals. Izv. AN SSSR. Khim. no. 4:84-85-87 My '68.
Davydov, G. A. - Plenary of the aviation and space medicine section of the Moscow Physiological Society devoted to the 50th Anniversary of The October. Kozm. biol. i med. 2 no. 1:90-92 Mr-Apr '68.

Dobromirskiy, V. V., Lisakhin, V. S., Sturzhitskiy, V. M. - Constantly working. Vest. vyz. shkol. 24 no. 10:10 O '68.

Dobromirskiy, V. I. - The most important factors which affect the efficiency of scientific personnel. Izv. Otd. obshchestv. nauk AN Tuzhsk. SSSR no. 1:10-19 '68.
Gegelia, T. G., and others. - Coordinated conference on the dynamics of hydraulic structures. Gidr. stroit. 20 no. 11:64-66 O '68.

Geskin, G. L. - Seminar "Construction of pipelines in difficultly penetrable terrain." Stroit. stroit. 11 no. 3:17 Mr '68.

Orlovskiy, V. V. - Conference of workers of Moscow schools of higher education. Vest. vyz. shkol. 25 no. 10:23 O '68.

Grudchinskaya, I. A. - Conference on forestry research in the Far East (Vladivostok, August 21-23, 1967). Not. skaz. 53 no. 8:121-123 My '68.

Headquarters anniversary of scientific technological societies. Svar. prosv. no. 11:2-3 M '68.

In the Committee of Standards, Measures and Measuring Instruments at the U. S. S. R. Council of Ministers. Stroit. stroit. 23 no. 11:73-75 D '68.

In the Institute of the Committee on Standards. Stroit. stroit. 23 no. 11:77-79 D '68.

Ivanov, D. P. - 23th International Congress of Foundry Workers. Lf. prosv. no. 10:46-47 O '68.

Kishovskiy, R. A. - Scientific conference of doctors of the Carpathian Region Military District. Vop. - med. skaz. no. 11:64-66 M '68.

Kosyakov, V. - Meeting of young scholars of Siberia. Vop. ekon. no. 12:138-141 D '68.

Kapitulyat, M. - Scientific and technical conferences on tribology. Neftnik 13 no. 11:16 (1) '68.

Kalishvili, G. M. - Physiological organizations in the U. S. S. R. and in foreign countries. Avtom. vest. 2 no. 4:280-282 O-D '68.

Konstantinov, V. S. - All-Union seminar on the use of gas in agriculture. Ozn. i. fond. i. nach. gos. 19 no. 8:43-44 Ja '68.

Kalov, M. N. - Seminar on the problem "Theoretical foundations of chemical technology." Teor. osnovy khim. tekhn. 2 no. 8:144-147 M-D '68.

Koslovskiy, V. N. - Birth of a new tradition. Vop. psikh. 14 no. 4:187-191 Ag '68.

Konstantinov, M. M. - Third All-Union Congress on Theoretical and Applied Mechanics. Stroit. stroit. i razn. stroit. 10 no. 4:45 '68.

Larvik, S. S. - International Congress in Mexico on Neurology and Blood Transfusion. Kish. skaz. no. 2:84-88 P '68.

Lefev, V. A. - At the Scientific Council on the problem: "New Processes in the Coke and Coke Chemical Industry." Kish. skaz. no. 11:60-61 '68.

Lisa, O. L., Stroganova, M. N. - 19th Interregional Conference on Natural and Economic Geology of the U. S. S. R. for agriculture. Vest. Minsk. un. Ser. 8:110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Mal'tsev, V. V., Kherson, V. S. - Regular meeting of the technical committee TC-45 of the International Electrotechnical Commission. Atom. energ. 26 no. 3:444-447 M '68.

Mezlovskiy, V. - Proceedings of developing agricultural science. Prom. prosv. 44 no. 11:14-18 '68.

Moskvin, M. A., Melnik, M. A., Pankratovskaya, T. I. - Psychological problems of training and education at the All-Union Summer "Psychological Readings" of the Academy of Pedagogical Sciences of the U. S. S. R. Vop. psikh. 14 no. 4:179-182 Ji-Ag '68.

Mikhailov, A. V., Chernyshev, V. A. - About the works of the section "Hydroelectric power stations" at the 7th World Power Conference. Gidr. stroit. 20 no. 11:60 M '68.

Moskvin, I. V., Moskvina, L. G., Rubinskaya, G. I. - Coordinated conference on the hydrodynamics of high-speed water engines and outlet structures. Gidr. stroit. 20 no. 10:52-52 O '68.

Nikolaev, A. A. - Low cost highways: The 13th International Highway Congress (to be conducted). Avt. dor. 21 no. 8:18-24 P '68.

Nikolaev, A. A. - Low cost highways. Avt. dor. 21 no. 10:20-27 O '68.

Nikolaev, T. M. - On the eve of the Seventh World Trade Union Congress. Nov. vresh. 27 no. 3:84-8 Ja '68.

Nikolaev, S. M. - Broch conference at the Kherson Combine Factory. Trakt. i sel'khoz. mash. no. 7:48 Ji '68.

Nikolaev, M. I. - Eighth International Congress on Mineral Dressing. Stroit. stroit. 14 no. 11:38-39 M '68.

Oleska yesterday and today. As. i. Afr. skaz. 12 no. 12:18 D '68.

Osharov, V. - Yashkov's conference. Sred. spets. obr. 15 no. 4:56 Ap '68.

Orlov, A. - Fifth session of the working group of the Committee on Gas of the European Economic Commission of the United Nations. Ozn. i. fond. i. nach. gos. 19 no. 8:45 Ja '68.

081 (Continued)
Resolution of the State Scientific and Methodological Conference on the Principles of Type Classification of the Mountain Forests of Kazakhstan. Trudy KazNIIKPI 5 no. 4:187-194 '68.
Rozhnov, B. A. - Problems and results of the First Scientific-Methodical Conference on Thermodynamics. Tруды MINKHGP no. 47:181-187 '64.
Rutovskii, I. L. - Discussion of the problem of will psychology of its formation and self-education. Vop. psikh., 14 no. 3:181-183 My-Je '68.
Safirov, O. - Congress of library workers. Sred. spets. obr. 5 no. 4:371-372 '68.
Scientific and technical conference on construction and architecture. Gortekhn. Mosk. 43 no. 2:68-70 '68.
Scientific-Technical Conference on Air Conditioning in Industrial and Public Buildings. Khok. tekhn. 45 no. 11:51-52 O '68.
Seventh Congress of the World Power Conference. "World power resources and their use for the good of mankind." Section "Atomic power stations." Atom. energ. 48 no. 8:345-346 '68.
Shapiro, B. S. - All-Union conference on improving the quality of rolled products. Metallurg II no. 10:36-37 O '68.
Shvets, V. M. - Reports presented to the 7th Commission of the 13th International Congress on Refrigeration. Khok. tekhn. 45 no. 10:54-56 O '68.
Shcherbakov, L. T. - Eighth International Congress on the Control of Cancer. Khok. tekhn. 45 no. 10:54-56 O '68.
Shumilov, E. A. - Conference on psychic states. Vop. psikh., 14 no. 4:187-188 Ji-Ag '68.
Soria, M. - Sociocultural problems of the reproduction of the population. Vop. ekon. no. 12:143-144 D '68.
Steklov, V. - International forum of power engineers. NTO 10 no. 11:12-13 N '68.
Stoliarov, A. V. - Some results of the 7th Plenum of the World Power Conference. Gidr. stroit. 29 no. 11:57-59 N '68.
Taturov, E. - Bad days of the Communist. Nov. vrem. 27 no. 4:13-15 Ja '68.
Third All-Union Interuniversity Scientific Conference on Underground Corrosion. Korr. i mashch. v ustroystvakh. no. 3:23-31 '68.
Tatarskiy, M. M. and others. - From the rosters of the all-Union conference of auto industry workers. Koks i khim. no. 11:46-50 '68.
Turchanov, V. L., Melnik, L. B. - Conference on new unclassified devices. Priboirostroenie no. 9:28-31 '68.
Turevskii, I. L. - Traumatic epilepsy. International symposium held in Marseille, September 8-9, 1968. Zhur. nevroi. psikh. 68 no. 11:1747-1748 '68.
Twenty-Seventh Scientific Session of the A. S. Popov Scientific and Technical Society of Radio and Electronics. Radiotekhnika 23 no. 11:103-104 N '68.
Uspenskiy, S. N. - Scientific and methodological conference on the classification of the types of mountain forests of Kazakhstan. Trudy KazNIIKPI 5 no. 5:2-4 '68.
Vlasov, V. V., Arshavskiy, G. M. - Scientific conference of doctors of the Siberia Military District. Voen. med. zhur. no. 11:83-85 N '68.
Volokoskiy, B. V. - Technical progress and development of research work in the All-Union State Scientific Research and Planning Institute of the Cement Industry. Tруды Giprotsiment no. 75:18-20 '68.
Zavitskiy, V. B. - Measures for expanding the scope of work on standardization among active members of the scientific technical society. Stand. i kach. 33 no. 12:66-67 D '68.

081(41)—United Kingdom and Northern Ireland
Yakovlev, A. D. - International forum on the study of asbestos in England. Kap. Vses. msh. ob-va Ser. 2. 67 no. 3:383-384 '68.

081(471, 22)—Leningrad City
Khrilina, A. E. - Seminar on the problems of social psychology. Vop. psikh., 14 no. 4:188-189 Ji-Ag '68.

081(471, 313)—Moscow City
Activity of the Geological Section of the Moscow Naturalists' Society. Dik. MGNP. Ost. geol. 43 no. 2:133-138 My-Je '68.
Artyukov, B. - Bright minds and skillful hands. Sov. profsoyuzy 24 no. 17:33-34 S '68.

081(474, 2)—Kosovo S. S. R.
Ponchaykh, E. L. - Second Inter-University Conference on the Scientific Organization of Labor. Vest. vyz. shkoly 26 no. 10:67-68 '68.

081(474, 3)—Latvia S. S. R.
Dolgoplov, S. L. - The main directions in life at the speaker's rostrum are the polytechnicians. Vest. vyz. shkoly 26 no. 10:14-18 O '68.

081(476)—White Russian S. S. R.
Turkevich, I. D., Kravchenko, E. A. - Institute of Experimental Botany of the Academy of Sciences of the White Russian S. S. R. Bot. zhurn. 55 no. 5:713-720 My-Je '68.

081(477)—Ukraine S. S. R.
Gorshakov, A. A. - Forestry Production Institute of the Academy of Sciences of the Ukrainian S. S. R. LK. profsv. no. 1:48-49 Ja '68.

081(479, 24)—Azerbaijan S. S. R.
Babaeva, A. A. - Dissemination of the knowledge of economics is the most important task of organizations of the "Kaspi" Society. Izv. AN Azerb. SSR. Ser. ekon. no. 3:64-64 '68.

081(479, 25)—Armenia S. S. R.
In the Academy of Sciences of the Armenian S. S. R. Prom. Arm. 10 no. 6:76-78 '68.

081(488)—Sweden
A strange committee. Nov. vrem. 27 no. 2:5 Ja '68.

081(571, 4)—Turkmen S. S. R.
By-election of the Presidium of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 1:97 '68.

081(71)—United States of America
Yurlov, V. N. - Present-day dissemination of Marxist-Leninist ideology in the U.S.A. Vest. LGU 23 no. 20:25-28 O '68.

87 Newspapers. Journals
Volynov, S. - Friends of the magazine NTO 10 no. 11:32 N '68.
Ostapenko, P. S. - Struggle of V. I. Lenin and the "bakra" supporters for revolutionary and democratic students. IDU-1963 Vop. ist. KPSS no. 1:30-37 '68.

88 MANUSCRIPTS, RARE AND REMARKABLE WORKS
Krasovskiy, M. - Geographical tables of al-Dhulail and Uthay Beg. Mashch. trudy TsSU no. 210:2-14 '67.

1. PHILOSOPHY, METAPHYSICS, PSYCHOLOGY, LOGIC, ETHICS AND MORALS

44 Philosophy
Articles published in foreign periodicals. Vop. filoz. no. 5:183-184 '68.
Lebedev, V. I., Kuznetsov, T. A. - Seminar on philosophy. Vest. LGU 23 no. 10:140-141 S '68.
[New foreign books on the social sciences: economics, philosophy, history, international relations] Nov. knigi na rab. po obshchestv. naucham, ekon., filoz., ist., mashch. dunar. otd. 11 no. 11 N '68.
[New foreign literature on philosophy] Nov. knigi na rab. po filoz. no. 9-10 '68.
[New Soviet literature on philosophy] Nov. sov. kn. po filoz. no. 8-10 '68.
Ostapenko, T. I. - Substances of the question "What is philosophy?" Vop. filoz. no. 11:134-144 '68.
Pakhilov, T. T. - Models in philosophy and bionics. Sbor. stanz. rab. KGBI no. 19:87 '68.
Tikhonov, V. S. - A systematic and structural approach and the characteristics of philosophical knowledge. Vop. filoz. no. 11:7-14 '68.

100 Marxist philosophy. Dialectic materialism
Prakhin, A. V. - Correlation among causation, space, and time in modern quantum field theory and the theory of relativity. Dok. zap. TOU no. 70:183-193 '68.
Pridunov, L. S. - Works of ecologists in the teaching of scientific communism. Vest. vyz. shkoly 26 no. 10:82-85 O '68.
Kuznetsov, M. - Problem of the individual in Marxist-Leninist philosophy. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 1:55-57 '68.
Kozlovskiy, V. M. - Marxism as methodology of scientific psychology. Vop. psikh., 14 no. 3:15-18 My-Je '68.
Kuznetsov, I. - Leninist theory of truth is a reliable weapon in the struggle against ideological ignorance. Komsomolst 46 no. 14:23-31 S '68.
Levichevskiy, D. I. - Problem of consciousness in dialectical and historical materialism. Dok. zap. Khab. na. 19:34-44 '68.
Korovin, F. I. - Bourgeois function of materialistic dialectics. Dok. zap. TOU no. 70:183-193 '68.
Kuznetsov, V. I. - Development of the conceptions of the unity of the constant and the inconsistent in the theories of the space and time of the microcosm. Dok. zap. TOU no. 64:31-44 '68.

11 METAPHYSICS
Kuznetsov, A. V. - Correlation of the causality of space and time. Dok. zap. TOU no. 64:31-44 '68.
Kuznetsov, V. I. - Development of the conceptions of the unity of the constant and the inconsistent in the theories of the space and time of the microcosm. Dok. zap. TOU no. 64:31-44 '68.

14 PHILOSOPHICAL SYSTEMS
Kuznetsov, O. A. - Present-day forms of the correspondence theory of truth. Vop. filoz. no. 11:84-94 '68.
K. P. - A French philosopher's views on structuralism in literary criticism. Vop. filoz. no. 11:73-75 '68.

188.9 Psychology
Alpaeva, L. and others. - One method of experimental analysis of the association of similarity. Sbor. stanz. rab. KGBI no. 19:88 '68.
Akhmedov, R. M. - Characteristics of evaluation and self-evaluation in the studies of first to fourth grade school children. Vop. psikh., 14 no. 3:131-134 My-Je '68.
Aseev, V. G. - International exchange of scientific information. Vop. psikh., 14 no. 3:137-138 My-Je '68.

Avramov, S. R., Sotnikov, V. M. - Changes in the constant potential of the cortex and deep structures of the human brain in emotional reactions. Vop. psikh., 14 no. 3:63-76 My-Je '68.

Baskakova, I. L. - Some possibilities in the processing of experimental data on the stability of attention by the proof-sheet test method. Vop. psikh., 14 no. 3:131-137 '68.

Bels, E. R., Volkov, E. A., Zhirmovskaya, E. A. - Heterogeneous psychographic studies during the process of revealing a tachistoscopically presented picture. Vop. psikh., 14 no. 3:66-68 My-Je '68.

Blaugolozhina, L. V. - Children's attitude towards art and its age-related development. Vop. psikh., 14 no. 4:94-104 Ji-Ag '68.

Bondarev, E. V., Kuznetsov, V. A., Kuznetsov, V. N. - Evaluation of the strain level of activity under conditions of hypoxia and oxygen breathing under oxygen pressure. Vop. psikh., 14 no. 4:181-184 Ji-Ag '68.

Chaprilova, N. L., Ushakov, T. M. - Once more on the induction hypothesis of the limitations of the visual field attention. Vop. psikh., 14 no. 4:170-178 Ji-Ag '68.

Elkina, D. G. - Perception of the duration and temporal characteristics of sonarimotor responses. Vop. psikh., 14 no. 3:64-68 My-Je '68.

Filippov, M. M. - Principal characteristics of the state of work. Dok. zap. TOU no. 64:148-157 '68.

Gal'and, M. B. - Experiences in psychological analysis of algebraic errors. Vop. psikh., 14 no. 3:102-103 Ji-Ag '68.

Gorbunov, G. D. - Study of the effect of physical loads on operative thinking and the rate of information processing. Vop. psikh., 14 no. 4:187-189 Ji-Ag '68.

Gray, J. A. - Strength of the nervous system, heterogeneity, extraversion, conditioned reflexes and conditioned inhibition. Vop. psikh., 14 no. 3:77-80 My-Je '68.

Gurova, L. L. - Structural characteristics of heuristic processes and the conditions of their formation as a function of the components of problem solving. Vop. psikh., 14 no. 4:178-183 Ji-Ag '68.

Kuznetsov, E. M. - Some regularities of the operative training process. Vop. psikh., 14 no. 3:17-21 My-Je '68.

Kuznetsov, E. V. - Brain and psychosis, an answer to D. I. Dubrovskiy. Vop. filoz. no. 11:145-155 '68.

Kuznetsov, F. I. - Some psychological problems in the activity of the crop grower. Vop. psikh., 14 no. 3:118-120 My-Je '68.

Kuznetsov, L. A. - Methodology of motion-picture registration of eye movements for the determination of the attention of the operator's gaze. Vop. psikh., 14 no. 4:181-189 Ji-Ag '68.

Kuznetsov, V. M. - Finger-operated kinesthetic control. Vop. psikh., 14 no. 3:185-189 My-Je '68.

Kuznetsov, A. E. - Seminar on the problems of social psychology. Vop. psikh., 14 no. 4:188-189 Ji-Ag '68.

Kobzar', L. I. - Some characteristics of the formation of reading skills in schoolchildren. Vop. psikh., 14 no. 3:110-115 My-Je '68.

Kolobovskiy, V. M. - Marxism as methodology of scientific psychology. Vop. psikh., 14 no. 3:15-18 My-Je '68.

Krivosheina, K. P. - Determination of the behavior of the probable structure of the situation. Vop. psikh., 14 no. 3:24-25 My-Je '68.

Kudryavtsev, M. P., Myshchikov, M. R. - Dependence of parameters of an evoked potential in the human brain on the state of attention. Zhur. vyz. shkoly, dokl. 18 no. 4:1027-1034 N-D '68.

Kuznetsov, V. M. - Birth of a new tradition. Vop. psikh., 14 no. 4:187-189 Ji-Ag '68.

Kuznetsov, O. M. - Concept of "personality and environment" in experimental space psychophysiology. Kvant. fiz. i med. 2 no. 3:61-70 My-Je '68.

Levichevskiy, D. I. - Problem of consciousness in dialectical and historical materialism. Dok. zap. Khab. na. 19:34-44 '68.

Lovins, E. M. - L. S. Vygotskiy's ideas of speech development in children. Vop. psikh., 14 no. 4:186-189 Ji-Ag '68.

Lukov, V. I. and others. - Effect of individual psychophysiological characteristics of trainees on the training in case of the flying personnel. Voen.-mash. zhurn. 12:63-66 D '68.

Lutka, A. R. - Process of reflection in the light of contemporary neuropsychology. Vop. psikh., 14 no. 4:186-189 My-Je '68.

Lutka, A. R. - Study of the developmental characteristics in students of auxiliary schools. Vop. psikh., 14 no. 4:177-178 Ji-Ag '68.

Merkova, A. K. - Psychological problems of learning style in the school. Vop. psikh., 14 no. 4:183-185 Ji-Ag '68.

Moschinskaya, M. A., Melnik, M. G., Denisovskiy, E. T. - Psychological problems of training and education in the All-Union Academy "Pedagogical Readings" of the Academy of Pedagogical Sciences of the U. S. S. R. Vop. psikh., 14 no. 4:179-185 Ji-Ag '68.

Melnykova, V. D. - General and particular properties of the nervous system. Vop. psikh., 14 no. 4:183-185 Ji-Ag '68.

Ostapenko, S. O. - Significance of obstetric anamnesis in women having given birth to infants with hemolytic disease. Sbor. stanz. rab. KGBI 43:110-121 '67.

Ostapenko, V. F. - Pneumodynamometer for the determination of neuromuscular stress in pilots. Voen.-mash. zhurn. no. 11:81 N '68.

Perestani, L. L. - Data reception and the possibility of utilizing the skin analyzer for communication. Vop. psikh., 14 no. 4:181-189 Ji-Ag '68.

Perestani, L. S. - Role of the specificity of objects in the determination of the volume of the visual perceptual in volleyball players. Vop. psikh., 14 no. 3:126-130 My-Je '68.

200(73)—United States of America
Admission of the Rurikide of the Russian Orthodox Church in America to the National Council of Churches of Christ in the United States. *Zhurn. Mosk. Patri.* no. 3 29-29 '67.
Dobashov, P.O.H. - "Uspenia-68: Impressions of a participant at the Fourth Assembly of the World Council of Churches. *Zhurn. Mosk. Patri.* no. 10:41-48 '68.

3. SOCIAL SCIENCES. ECONOMICS. LAW GOVERNMENT. MILITARY AND NAVAL SCIENCE. EDUCATION

30 SOCIAL SCIENCES

(Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art) Inform. bul. sov. knozh. knig. postup. v bibl. (in V.I. Len. Ser. 3. 12 nos. 1-8, Ja-P '68.
Klimashov, V.I.A. - Training and educating in an industrial process. *Vest. vyz. shkoly* 24 no. 10:63-68 O '68.
Radzhabov, Z., Shagolov, E. - Present-day role of social sciences. *Izv. Otd. obshchestv. nauk AN Tadzh. SSR* no. 1:3-9 '68.
Rumyantsev, A. - Twentieth century and young people. *Mol. komm.* no. 10:18-23 '68.
Rumyantsev, A.M. - Marxist ideology and social science. *Vop. filoz.* no. 11:3-13 '68.
Syrovatkin, H. - Prospects of specific sociological research. *Rud. lit.* II no. 8:24-25 My '67.

30.07 Young people

Korneev, L. - Be always loyal... *Mol. komm.* no. 10: 104-110 '68.
Rumyantsev, A. - Twentieth century and young people. *Mol. komm.* no. 10:18-23 '68.

30.07(4/9.104)—Capitalist countries of the world
Davidink, A. - Two worlds and two states. *Komm. Voprosy.* 31 49 no. 28 28-32 O '68.

30.07(74)—Kosmos S. S. R.
Pavlov, P. - Factors of acceleration. *Part. zhurn.* no. 13: 68-68 Ju '68

30.1 Race. Nationalities

Yusupova, I. - Leninist nationality policy in action. *Kommunist* 48 no. 9:18-22 Ja '68.

30.1(44)—France
Léonardovskii, A. P. - Problems of the origination and distribution of nationalities in the Middle Ages. *Vop. kn.* no. 10:44-103 N '68.

30.1(77)—Austria H. S. F. S. R.
Pan, V. V. - Methods for studying some trends in the cultural and linguistic development of small nationalities in the northern regions of Eastern Siberia. *Uch. zap. TGU* no. 79:135-176 '68.

30.1(83)—Southern Africa (including Rhodesia)
Verbenko, I. I. - Apartheid is a tool for the oppression and humiliation of the individual. *Rud. pravo* 31 no. 11: 68-69 N '68.

30.11 Marxism-Leninism

Editorial: The October Revolution's banner is the banner of Communism. *Kommunist* 48 no. 10:11-22 N '68.
Barrett, Dolores. - Marxist and Leninist philosophy is the theory of revolutionary struggle. *Kommunist* 48 no. 9:18-19 Ja '68.
Leninism is the Marxism of our epoch. *Kommunist* 48 no. 12:13-13 S '68.
Marxism-Leninism is the victorious banner of Communism. *Part. zhurn.* no. 11:10-14 N '68.
Rumyantsev, A. M. - Marxist ideology and social science. *Vop. filoz.* no. 11:3-13 '68.

300.1(73)—United States of America
Starny, V. K. - Present-day dissemination of Marxist-Leninist ideology in the U.S.A. *Vest. LGU* 23 no. 20: 25-28 O '68.

30.11 Marx and Engels, their works

Gingorlaid, S. M. - K. Marx on socioeconomic alterations of the technological progress under capitalism. *Vop. kn. i tekhn.* no. 2:84-87 '68.
Filashov, M. I. - White Russian scholars mark the 100th anniversary of Karl Marx's birth. *Vest. AN BSSR. Ser. hum. nauk.* no. 4:123-123 '68.
Kryukov, K. - K. Marx and nihilism (on Karl Marx's "Materialist conception of history"). *Vop. kn. i tekhn.* no. 2:84-87 '68.
Korsh, A. A. - K. Marx on the development of technology. *Vop. kn. i tekhn.* no. 2:84-87 '68.
Mikhailov, V. G., Metelchuk, I. S. - K. Marx and the problems of modern scientific and technological revolution. *Vop. kn. i tekhn.* no. 2:84-87 '68.
Rumyantsev, A. M. - Marxist ideology and social science. *Vop. filoz.* no. 11:3-13 '68.
Shalunova, N. - Marxist payments and the role of credit in the sphere of circulation. *Dokl. akad. nauk.* 25 no. 11:3-9 N '68.
Mikhailov, G. A. - A student conference devoted to the 100th anniversary of K. Marx's birth. *Vest. LGU* 23 no. 19:163-164 O '68.

300.12 Lenin, his works

Alif, I. A. - Leninist teachings on the proletariat's hegemony and our time. *Vop. kn. i tekhn.* no. 1:14-28 '68.
Aristov, A. D. - In friendly cooperation with scholars. *Vop. kn. i tekhn.* no. 1:14-187 '68.
Armed, I. A. - Recollections about Vladimir Il'ich Lenin. *Vop. kn. i tekhn.* no. 1:28-43 '68.
Babais, A. - On the eve of the Lenin anniversary. *Narodnik* 13 no. 11:28 D '68.
Kharabakov, M. - V. I. Lenin on American imperialism. *Mir. ekon. i mezhdunar. otn.* no. 11:13-24 '68.
Furberov, M. P. - Proletarian revolution, the dictatorship of the proletariat, and democracy. *Sov. gos. i pravo* no. 11:10-18 N '68.
Happy New Year, Soviet man! *Agitator* no. 13-8 Ja '68.
Hordov, A. I. - Lenin's principles and analogies. *Rud. lit.* 47 no. 11:13-20 N '68.
Ivskov, V. - Communist party spirit is a very important principle in art criticism. *Kommunist* 48 no. 9:104-110 Ja '68.
Korsh, A. - Filmstrips on V. I. Lenin. *Agitator* no. 1:62 Ja '68.
Korsh, A. - Leninist theory of truth is a reliable weapon in the struggle against ideological gnosis. *Kommunist* 48 no. 14:23-31 S '68.
Lavrany, V. - V. I. Lenin and developing socialism in the U.S.S.R. *Mir. ekon. i mezhdunar. otn.* no. 11:13-24 '68.
Lenin and the development of foreign economic ties of the Soviet state. *Vest. LGU* 23 no. 18-18 '68.
Lenin and the development of foreign economic ties of the Soviet state. *Vest. LGU* 23 no. 18-18 '68.
Lenin and the development of foreign economic ties of the Soviet state. *Vest. LGU* 23 no. 18-18 '68.
Let us greet in a worthy manner the anniversary of Vladimir Il'ich Lenin's birth. *Mosk. i spets. rab. v stroit.* 24 no. 11:2-3 N '68.
Likhachev, R. - In Il'ich's homeland. *Obshchestvo* no. 13: 6-9 D '68.
Pavlov, R. M. - V. I. Lenin and Soviet public health. *Vest. knizh.* 196 no. 7:6-13 Ji '68.
Petrov, P. S. - America read the works of V. I. Lenin. *Mir. ekon. i mezhdunar. otn.* no. 11:13-24 '68.
Petrov, P. S. - V. I. Lenin's struggle against the ideology of the bourgeoisie and socialist revolutionaries during the early phase of the New Economic Policy. *Vest. LGU* 23 no. 18:24-24 O '68.
Petrov, P. S. - Lenin's ideas on the welfare of the people are being realized. *Sov. tog.* 42 no. 11:3-6 D '68.
Rumyantsev, A. - V. I. Lenin on mass participation in the administration of the socialist national economy. *Rud. pravo* 31 no. 11:3-13 N '68.
Scientific study of V. I. Lenin's theoretical heritage. *Vop. kn. i tekhn.* no. 11:3-7 N '68.
Shklov, A. - Leader of the world proletariat. *Agitator* no. 1:6-9 Ja '68.
Status of the All-Union Central Council of Trade Unions on the "Participation of trade unions in the preparation for the Lenin anniversary." *Sov. profsoyuz* 24 no. 28: 4-8 O '68.
Yakovlev, R. - The Lenin agrarian program is operational. *Vop. ekon.* no. 11:10-11 D '68.
Triumph of the Lenin ideas. *Sov. profsoyuz* 24 no. 10:1-4 O '68.

30.13 History and development of Marxism-Leninism

Magnitskiy, S. A. - K. Marx's struggle against petty-bourgeois revolutionism and anarchism. *Vest. LGU* 23 no. 20:5-15 O '68.
Tasks, structure, and staff of the Institute of Marxism-Leninism attached to the Central Committee of the CPSU. *Decision of the Central Committee of the CPSU.* *Kommunist* 48 no. 11:21-22 Ag '68.

30.13 Historical materialism

Lavashov, D. I. - Problem of economicism in dialectical and historical materialism. *Uch. zap. Khim. un.* 103:60-64 '68.

30.14 Theory and tactics of revolution

Furberov, M. P. - Proletarian revolution, the dictatorship of the proletariat, and democracy. *Sov. gos. i pravo* no. 11:10-18 N '68.
Barrett, Dolores. - Marxist and Leninist philosophy is the theory of revolutionary struggle. *Kommunist* 48 no. 9: 10-17 Ja '68.

300.16 Dictatorship of the proletariat

Alif, I. A. - Leninist teachings on the proletariat's hegemony and our time. *Vop. kn. i tekhn.* no. 1:14-28 '68.
Furberov, M. P. - Proletarian revolution, the dictatorship of the proletariat, and democracy. *Sov. gos. i pravo* no. 11:10-18 N '68.
Vokoshev, P. V., Oshapenko, L. S. - Working class of Russia, the hegemon of the socialist revolution. *Vop. kn. i tekhn.* no. 1:13-20 N '68.

300.16 Socialism and communism

Kryukov, P. A. - System of contradictions in socialist society. *Uch. zap. Khim. un.* 103:61-67 '68.

300.16 Role of the Communist Party

Petrovskiy, M. - Increased role of the party and the mass organizations of workers. *Kommunist* 48 no. 12: 21-48 Ag '68.
Kryukov, M. V. - V. I. Lenin on the guiding role of the party in organizing the socialist state's defense. *Vop. kn. i tekhn.* no. 1:65-101 '68.

300.48(471.911)—Moscow Province

Konopov, V. - Role of party groups in raising the activity of Communists. *Part. zhurn.* no. 2:11-13 N '68.

300.523 Communism outside the Soviet Union

300.523(436)—Austria

Kryukov, P. A. - October Revolution and the attitude of the soviets of workers' deputies in Austria. *Rud. pravo* 31 no. 11:90-94 N '68.

300.523(73)—United States of America

Petrov, P. S. - America read the works of V. I. Lenin. *Mir. ekon. i mezhdunar. otn.* no. 11:13-24 '68.

301 Sociology

Andreyev, M. P., Ostipov, O. V. - Mathematics and sociology. *Vop. filoz.* no. 11:104-114 '68.
Chudov, A. A. - Development of the creative activity of the aspects of work in the different stages of the development of society. *Uch. zap. TGU* no. 79:44-57 '68.
Fedorov, M. O. - G. V. Plakhov and the geographical school of sociology. *Uch. zap. TGU* no. 84:31-31 '68.
Kryukov, P. A. - System of contradictions in socialist society. *Uch. zap. Khim. un.* 103:61-67 '68.
Marbov, M. V. - Ideological and moral work of the fundamental differences between them in the process of the scientific and technical revolution. *Vop. kn. i tekhn.* no. 1:27-48 '68.
Shklov, O. I. - The working class of socialist society, the era of the scientific and technological revolution. *Vop. filoz.* no. 11:14-25 '68.

301(4/9.104)—Capitalist countries of the world
Moshchakov, L. - "The dehumanization" theory and social nature. *Mir. ekon. i mezhdunar. otn.* no. 11: 2-10 '68.

301(479.23)—Georgian S. S. R.

Dzardzvali, S. V. - Portraits of leaders of the party. *Knob. AN Gruz.* 51 no. 12:49-54 Ji '68.

301.161 Social psychology. Method

Dzardzvali, S. V. - Problems and structure of social psychology. *Uch. zap. Khim. un.* 103:61-67 '68.
Dzardzvali, S. V. - Limits of social being. *Uch. zap. Khim. un.* 103:61-67 '68.
Ogrya, E. S. - Some problems in the study of public service activities. *Uch. zap. TGU* no. 84:154-157 '68.
Kondrov, M. - Problem of the individual in socialist Leninist philosophy. *Izv. Otd. obshchestv. nauk AN Tadzh. SSR* no. 1:65-67 '68.

302 Anthropology. Social geography. Social situation

302(41)—United Kingdom and Northern Ireland
B. B. - Fate of the Gypsies in the West. *Mosk. vrem.* 4 no. 40:24 N '68.

302(431)—German Democratic Republic
Klimashov, V. I. - German mentality. *Mosk. vrem.* 21 no. 30:28 Ja '68.

302(433)—Austria
Ostipov, A. - This must not be forgotten. *Mosk. vrem.* 24 no. 30:41-43 O '68.

302(510.3)—Mongolian People's Republic
Baldo, B. - From precapitalist conditions to socialist society. *Kommunist* 48 no. 10:80-86 N '68.
Shapovalov, V. - Toward socialism by passing capitalism. *Kommunist* 48 no. 9:72-73 Ja '68.

302(549.4)—Israel

Kheifets, L. - Israel, not painted, but real... *Sov. profsoyuz* 24 no. 11:20-41 S '68.

302(561)—Berma

Logovskiy, I. U. - Times of changes (economics). *Ag. i tekhn.* 13 no. 13:26-27 D '68.

302(513)—Libya

Bavenskiy, A. - Three cities in one. *Ag. i tekhn.* 13 no. 13:20-41 D '68.

302(782.1)—Cuba

Dzardzvali, S. V. - The tenth anniversary of Cuba. *Mosk. vrem.* 28 no. 30:18-14 D '68.

302(73)—United States of America

Lavashov, A. - Under the protection of the state - Liberty. *Sov. profsoyuz* 24 no. 11:43-43 N '68.

302(93)—Australia generally. Melbourn
Molotov, L. - On the track of Mikhailo-Maklari. *Ag. i tekhn.* 13 no. 13:28-33 D '68.

31 STATISTICS

Ostipov, O. V. - The present and the future of statistical work. *Mir. ekon. i mezhdunar. otn.* no. 12 83 N '68.
Mintz, L. K. - Statistics and planning for the new composition of specialists in the national economy. *Uch. zap. po stat.* 18:71-78 '67.
World trade in 1967 by the groups of countries. *Vest. tog.* no. 1:84-86 '68.

31(177)—Underdeveloped and underdeveloped areas
Economic information. Mir, ekon. i mezhdunar. otn. no. 11:154-158 '88.

31(4/9.104)—Capitalist countries of the world
Statistics and economic information. Mir, ekon. i mezhdunar. otn. no. 11:133-136 '88.

31(5)—Africa
Goncharov, L. - Investments and profits of foreign companies. Mir, ekon. i mezhdunar. otn. no. 11:103-108 '88.

31(78)—United States of America
Ivanov, L. - "Big business" of the U.S.A. in 1987. Mir, ekon. i mezhdunar. otn. no. 11:147-153 '88.

312 Statistical theory and methods
Agapov, D. I. - Indices of vessel chartering. BIKI (Prilozh.) no. 14:93-124 '88.

Dudkov, L. M. - Methods of statistical study of the movement of personnel. Uch. zap. po stat. 13:131-134 '87.

Koffe, M. V. - Methods used for calculating coefficients of labor complexity in the industry of the U.S.S.R. Uch. zap. po stat. 13:228-243 '87.

Koffe, P. V. - Regional indices of labor productivity. Uch. zap. po stat. 13:29-49 '87.

Kabo, K. O. - The workers' budget. Uch. zap. po stat. 13:184-207 '87.

Rhomashvili, P. U. - Quantitative relationship of dikes of different composition of the Kura-Araks Mountain. Vest. LGU 33 no. 11:153-155 Je '88.

Kilichev, V. F. - Using the theory of correlation for the analysis of the quality of work. Ekon. i organiz. prom. protv. no. 3:154-157 '88.

Kalashnikov, V. E. - Methodology of measuring labor productivity. Uch. zap. po stat. 13:5-23 '87.

Krishner, V. G. - Methods of studying leisure time. Uch. zap. po stat. 13:151-153 '87.

Lerch, M., Terent'eva, L., Kvitkova, L. - Correlation analysis of the cost of eggs. Ekon. i organiz. protv. no. 3:150-158 '88.

Rakitska, M. E., Rimanovskaya, M. M. - Statistical series of wage distribution, its characteristics and methods of study. Uch. zap. po stat. 13:180-180 '87.

Barkisim, O. S. - Workers' real incomes and methods of determining them. Uch. zap. po stat. 13:143-146 '87.

311(408)—European communist countries as a group
Borovskanov, V. V. - Method of comparing the levels of labor productivity in the industry of member countries of the Mutual Economic Assistance Council. Uch. zap. po stat. 13:50-70 '87.

312 Demography. Vital statistics
Roshal, A. A., Kuznetsov, B. - What are the right and wrong points made by A. Rohal? Mir, ekon. i mezhdunar. otn. no. 11:133-134 '88.

Bozhik, M. - Socioeconomic problems of the reproduction of the population. Vop. ekon. no. 12:142-148 D '88.

313(471.41)—Tatar A. S. S. R.
Gorodkov, I. V. - Basic characteristics of city settlements in the northeastern part of the Tatar A. S. S. R. Vop. geog. i prirodoz. no. 3:86-78 '88.

313(575)—Central Asia
Karabekov, M. K. - Some problems relating to the distribution and objective utilization of manpower in the densely populated areas of Central Asia. Nauch. trudy TashOU no. 31:153-178 '87.

Karabekov, M. K. - Territorial organization of the population of Turkmenia. Nauch. trudy TashOU no. 31:149-163 '87.

313(575.1)—Uzbek S. S. R.
Rakunov, T. - An economic and geographical study of the population of capital cities. Nauch. trudy TashOU no. 31:133-148 '87.

313(575.3)—Kirghiz S. S. R.
Bryukov, A. B., Moskatov, M. M., Abdullin, K. D. - Some problems of the natural movement of the urban population of Kirghizia. Shor. nauch. rab. KGM 43:3-4 '87.

313 Studies of morbidity, disability, etc.
Akhmedov, A. A., Mamedov, M. M., Abdullin, K. D. - Indices of mortality due to cardiovascular diseases among the urban population of Kirghizia. Shor. nauch. rab. KGM 43:4-8 '87.

Analysis of some climatological data in relation with the pathogenesis of congenital dysplasia of the hip joint. Shor. nauch. trudy, Krasnod. gos. univ. i. o. t. no. 8:108-111 '85.

Kolokolov, S. D. - Neoplasms as the cause of disability among the population of the city of Frunze. Shor. nauch. rab. KGM 43:6-7 '87.

313(574)—Kazakh S. S. R.
Gerasimov, G. I., Kolycheva, M. I., Magomedov, S. M. - Composition of patients with oncological cancer in Kazakhstan regarding their nationality, age, and sex. Trudy Kazakh. nauch.-issled. inst. onkol. 3:20-23 '87.

Ormalov, I. U., Adilgireeva, L. Kh. - "Epidemiology" of atherosclerosis in Kazakhstan. Trudy Kazakh. nauch. i. o. t. shor. 13:177-180 '87.

313(575.3)—Kirghiz S. S. R.
Kirdzibailov, V. M. - Frequency of angiotensin defects at various levels according to materials of the Prospective-Orthopedic Plant of Frunze. Shor. nauch. rab. KGM 43 no. 3:134-138 '87.

32 POLITICAL SCIENCE. POLITICAL CURRENT AFFAIRS
New books. Agitator no. 1:64 Ja '88.

New books. Kommunist 48 no. 13:136-138 '88.

New books. Kommunist 48 no. 14:137-138 '88.

New books. Part. zhizn' no. 13:78-80 '88.

New books. Part. zhizn' no. 11:80 '88.

A political dictionary. Agitator no. 1:63 Ja '88.

32(4/9.104)—Capitalist countries of the world
Lami, I. M. - Horoscope for 1988. Nov. vrem. 27 no. 1:14-18 Ja '88.

Parlov, I. U. - Let us be irremovable to bourgeois ideology: fourth article. Subject: "Present-day struggle against bourgeois ideology." Agitator no. 1:40-43 Ja '88.

Under the banner of struggle and solidarity. Sov. profsoyuz 24 no. 2:36-37 O '88.

32(56)—Near East
Mirzali, O. - Illusions and realities in the third world. Nov. vrem. 27 no. 1:16-12 Ja '88.

32(57)—Vietnam
Aleksandrov, I. - Paris meetings: results and prospects. Agitator no. 1:28-27 Ja '88.

Korotkov, V. - The world of the last year. Agitator no. 1:18-21 Ja '88.

321 The State and society
Kashchikov, A. I. - Role of V. I. Lenin's Komsozol in the development of the Soviet state. Sov. gos. i prav. no. 11:3-8 M '88.

Lavrent'ev, D. - Alliance of the hammer and the sickle. Sov. profsoyuz 24 no. 2:10-12 O '88.

321(4/9.104)—Capitalist countries of the world
Raznashov, I. M. - Working class and the contemporary bourgeois state. Kommunist 48 no. 13:133-137 Ag '88.

322 Internal politics
322(433)—Federal Republic of Germany
Orlovskaya, A. - Double play of the Bonn politicians. Nov. vrem. 28 no. 1:17-19 D '88.

322(437)—Czechoslovakia
Loyalty to international duty. Kommunist 48 no. 13:117-117 '88.

322(438)—Poland
Cyrankiewicz, J. - Polish and international problems: an interview. Nov. vrem. 27 no. 1:17-18 Ja '88.

322(440)—Italy
Raischi, D. - Political crisis in Italy. Nov. vrem. 28 no. 4:23-23 M '88.

322(440)—Scandinavia
Kaplunov, L. - Political changes in Scandinavia. Mir, ekon. i mezhdunar. otn. no. 11:81-84 '88.

322(440.3)—Lebanon
Kadriyev, V. L. - Lebanon on the life of life. Nov. vrem. 27 no. 4:18-20 Ja '88.

322(440)—Laos
Shchegolev, I. - "A quiet" war in Laos. Nov. vrem. 28 no. 5:21-23 D '88.

322(440)—Northwest Africa, Egypt and Sudan
Mirzali, O. - Home front in the United Arab Republic. Nov. vrem. 28 no. 5:13-14 D '88.

322(440)—West and North Central Africa
Korotkov, M. - Nigerian trials (continued). An. i Afr. no. 13:10-11 D '88.

Sidisko, V. - Nigeria in the war boiler (to be continued). Nov. vrem. 27 no. 4:18-18 Ja '88.

322(473)—United States of America
Berezinskoy, V. - Airflight to America. Nov. vrem. 28 no. 5:14-20 D '88.

Morris, George. - Prospects for the American trade unions. Nov. vrem. 28 no. 5:14-14 D '88.

Sovremennik, - The 37th President. Nov. vrem. 27 no. 4:17-6 Ja '88.

Vol'skii, D. - Americans and Vietnam: a report from New York. Nov. vrem. 28 no. 4:18-20 M '88.

Sidisko, V. - London clouds over America: socialist trends in the U.S.A. Kommunist 48 no. 13:133-133 Ja '88.

322(5)—South America
Cobo, Juan - Police despotism in Guyana. Nov. vrem. 28 no. 5:18 D '88.

Valcarlos, Gustavo. - Peruvian paradoxes. Nov. vrem. 27 no. 2:20-22 Ja '88.

322(570)—Indonesia
Khar, R. - Indonesia: the politics and politics. Mir, ekon. i mezhdunar. otn. no. 11:84-84 '88.

322(574)—Philippines (Republic)
Pomeroy, William. - Political struggles in the Philippines. Nov. vrem. 28 no. 5:14-17 D '88.

323.1 National, popular, race movements and tendencies
323.1(4/9.104)—Capitalist countries of the world
Kobolotki, Nikolai. - For peace and justice in international affairs. Zhur. Mosk. Pair. no. 10:46-57 '88.

323.1(83)—Southern Africa (including Rhodesia)
Yabrov, K. - Bad days of the Commonwealth. Nov. vrem. 27 no. 4:18-18 Ja '88.

323.15 National minorities. Minority movements
323.15(408)—Ethnics
Pakhia, M. - Socialist Unity Front in Russia. Nov. vrem. 27 no. 4:31 Ja '88.

323.2 Political action, agitation and shifts
Minaev, V. - The most important indicator of socialist ideology. Tekh. i voenn. no. 3:1-2 M '88.

323.2(4/9.104)—Capitalist countries of the world
As irrefutable trend toward unity. Kommunist 48 no. 9:3-9 Je '88.

Kornoshov, L. - Be always loyal... Mol. komm. no. 10:104-110 '88.

Popov, V. - War without shooting. Agitator no. 1:18-20 Ja '88.

323.2(41)—United Kingdom and Northern Ireland
Isakov, B. - A white colony in England. Nov. vrem. 27 no. 2:23-24 Jan '88.

323.2(423)—Federal Republic of Germany
Seuzenichon, A. I. - Struggle of the working peasantry of the Federal Republic of Germany for improving their living conditions. Uch. zap. Kaz. gos. univ. nauch. i. o. t. Lan. i. o. t. no. 9:80-112 '88.

323.2(471.433)—Leningrad City
Parashkov, B. M. - Growing political activity of Leningrad workers during the first five-year plan. Vest. LGU 23 no. 2:40-43 O '88.

323.2(408)—Greece
Skirnov, S. S. - Stop the terror in Greece! Nov. vrem. 28 no. 4:17-18 M '88.

323.2(5)—Asia
Krasov, M. - A blow at colonialism. Nov. vrem. 27 no. 4:20 Ja '88.

323.2(56)—Near East
Vol'skii, D. - Foreign intrigues in the Near East. Nov. vrem. 27 no. 4:18-18 Jan '88.

323.2(441)—Burma
Lagorok, I. U. - Time of changes (continued). An. i Afr. no. 13:10-11 D '88.

323.2(507.3)—South Vietnam
From recognition of the state to recognition of the state. Nov. vrem. 28 no. 5:11-2 D '88.

The Montreal Declaration. Nov. vrem. 28 no. 5:12 D '88.

Nguyen-Thi-Binh discusses the negotiations on the Vietnamese problem. Nov. vrem. 27 no. 3:10-11 Ja '88.

Vol'skii, D. - The Vietnam issue. Kommunist 48 no. 13:10-107 M '88.

323.2(5)—Africa
Krasov, P. - Portuguese colonies are on the agenda. Nov. vrem. 27 no. 3:18-20 Ja '88.

323.2(408)—West and North Central Africa
Korotkov, E. - Nigerian trials (continued). An. i Afr. no. 13:10-11 D '88.

Sidisko, V. - Nigeria in the war boiler (to be continued). Nov. vrem. 27 no. 4:18-18 Ja '88.

323.3 Social status, (income) groups and classes
Gerasimov, G. - Social structure of socialist society. Kommunist 48 no. 13:20-20 '88.

323.2(4/9.104)—Capitalist countries of the world
Piatov, K. - Labor and capital at a monopolistic stage. Kommunist 48 no. 14:27-28 '88.

323.2(471.43)—Karelian A. S. S. R.
Korotkov, O. P. - Structure of the industrial workers of Karelia in the early stages of industrialization. Uch. zap. Peleov. gos. un. 14 no. 6:17-30 '88.

323.2(5)—Africa
Frankf, M. - Tribes, parties, and bureaucracy. Mir, ekon. i mezhdunar. otn. no. 11:108-114 '88.

323.3 From workers (labors)
Mirzali, Nikolai - Life as it is. Okkash' no. 11:140-147, O '88.

Sidisko, V. M. - Soviet historiography on the struggle of the working class for a socialist revolution in rural areas. Vop. i. o. t. no. 11:14-14 '88.

323.3(470)—White Russian S. S. R.
Sarkis, A. M. - Changing structure of the personnel of White Russian state during the building of... socialism. Vest. AN ISSR. Ser. human. nauch. no. 4:73-70 '88.

323.31(3)—South America
Korovin, P. - Among the Communists of Ecuador.
Kommunist 45 no.10:113-121 N '68.

324. Electors
324(43)—Italy
Cossutta, Armando. - A great responsibility. Part. shikha' no.13:75-76 JI '68.

324(43)—Northwest Africa, Egypt and Sudan
Krommer, M. - Elections in the United Arab Republic.
Nov. vrem. 27 no.2:24 Jan. '68.

324(43)—Southern Africa (including Rhodesia)
The Zambia elections. Nov. vrem. 26 no.2:3 D '68.

324(43)—South America
Kambaryev, V.K. - Elections in Guyana. Nov. vrem. 27 no.1:24 Ja '68.

324(47)—Venezuela
Aguilera, X. - Presidential election in Venezuela.
Nov. vrem. 26 no.2:15-19 D '68.

325 Migration, colonization, colonial policy
325(40)—Portugal
Krasnikov, P. - Portuguese colonies are on the agenda.
Nov. vrem. 27 no.2:18-20 Ja '68.

327 International and foreign relations and affairs
Bishop Vladimir. - Patriarchate in Geneva. Zhur. Mosk. Patr. no.10:33-34 '68.
Brief news. Zhur. Mosk. Patr. no.2:7 '67.
Brief news. Zhur. Mosk. Patr. no.10:3-4 '68.
Communist on Soviet and Czechoslovak negotiations.
Kommunist 45 no.13:14-16 S '68.
Domenech, Fethi. - "Upeash-68" Improvements of a participant of the Fourth Assembly of the World Council of Churches. Zhur. Mosk. Patr. no.10:41-48 '68.
K. X. - "Christian Peace Conference." no. 16, 17-18, 19, 20-21. Zhur. Mosk. Patr. no.2:55-57 '67.
Kremer, people, and facts. As. i Afr. seg. 12 no.12:43-45 D '68.
In the Central Committee of the CPSU. Results of the negotiations of the Political Bureau of the Central Committee of the CPSU and the President of the Communist Party of Czechoslovakia in Clermont-Ferrand and the Bratislava Conference of Representatives of the Communist and Workers' Parties of the Socialist Countries.
Kommunist 45 no.13:20 Ag '68.
In the name of peace and socialism. Part. shikha' no.31:73-74 N '68.
International notes. Nov. vrem. 26 no.4:26-28 N '68.
International notes. Nov. vrem. 26 no.16:34-35 D '68.
International notes. Nov. vrem. 26 no.16:34-35 D '68.
International notes. Nov. vrem. 27 no.2:23-24 Ja '68.
International notes. Nov. vrem. 27 no.2:23-24 Ja '68.
International notes. Nov. vrem. 27 no.4:21-23 Ja '68.
Leonidov, A. - Lenin and the United States. Nov. vrem. 27 no.3:4-7 Jan. '68.
Leonidov, V. - Foreign policy activities of V.I. Lenin. Nov. vrem. 27 no.1:3-5 JI '68.
Meeting of representatives of the communist parties and governments of the socialist countries. Kommunist 45 no.13:16 S '68.
Message of the Fourth Assembly of the World Council of Churches. Zhur. Mosk. Patr. no.10:48-41 '68.
Metropolitans Miodim. - An important landmark in ecumenism, a report to His Holiness Patriarch Alexei and the Holy Synod on the World Peace Conference "Church and society." Zhur. Mosk. Patr. no.2:1-7 '67.
Mikhailov, A. - Week of prayer for Christian unity. Zhur. Mosk. Patr. no.2:80-81 '67.
[New foreign books on the social sciences] economics, philosophy, history, international relations. Nov. knigi na razn. po obshchestveny. naukam i iskus., filoz., isl., membe-dunar. otz. 11 no.11 N '68.
Sokolovskii, P. - Third Congress of the Peace Movement of the Czechoslovak Catholic Clergy. Zhur. Mosk. Patr. no.2:48-49 '67.
World events. Nov. vrem. 26 no.4:22 N '68.
World events. Nov. vrem. 26 no.16:32 D '68.
World events. Nov. vrem. 26 no.16:32 D '68.
World events. Nov. vrem. 27 no.2:33 Ja '68.
World events. Nov. vrem. 27 no.2:33 Ja '68.
World events. Nov. vrem. 27 no.4:21 Ja '68.
The year 1968. Nov. vrem. 27 no.1:1-3 Ja '68.
Zakharovskii, Nikolai. - For peace and justice in international affairs. Zhur. Mosk. Patr. no.10:48-57 '68.

327(4/8.103)—Communist countries of the world
Loyalty to international duty. Kommunist 45 no.13:17-27 S '68.

327(41)—United Kingdom and Northern Ireland
Yakov, E. - Six days of the Commonwealth. Nov. vrem. 27 no.4:12-15 Ja '68.
Yakov, E. - "South of Zambia." Mir, ekon. i mezhdunar. otn. no.11:14-15 '68.

327(43)—Federal Republic of Germany
Oshchepkova, A. - Double day of the Bonn politicians. Nov. vrem. 26 no.17:16 D '68.

327(47)—Czechoslovakia
Communism on Soviet and Czechoslovak negotiations.
Kommunist 45 no.13:14-16 S '68.

In the Central Committee of the CPSU. Results of the negotiations of the Political Bureau of the Central Committee of the CPSU and the President of the Communist Party of Czechoslovakia in Clermont-Ferrand and the Bratislava Conference of Representatives of the Communist and Workers' Parties of the Socialist Countries.
Kommunist 45 no.13:20 Ag '68.
In the name of peace and socialism. Part. shikha' no.31:73-74 N '68.
Letter from His Holiness Patriarch Alexei to Dr. L. Domenech, President of the Christian Peace Conference. Zhur. Mosk. Patr. no.10:2-3 '68.
Letter from His Holiness Patriarch Alexei to Mr. M. M. Thomas, Chairman of the Central Committee of the World Council of Churches. Zhur. Mosk. Patr. no.10:1-2 '68.
Loyalty to international duty. Kommunist 45 no.13:17-27 S '68.
A strange committee. Nov. vrem. 27 no.2:5 Ja '68.

327(40)—European communist countries as a group
Letter from His Holiness Patriarch Alexei to Dr. L. Domenech, President of the Christian Peace Conference. Zhur. Mosk. Patr. no.10:2-3 '68.
Letter from His Holiness Patriarch Alexei to Mr. M. M. Thomas, Chairman of the Central Committee of the World Council of Churches. Zhur. Mosk. Patr. no.10:1-2 '68.
Statements of the communist and workers' parties of the socialist countries. Kommunist 45 no.13:15-19 Ag '68.
A strange committee. Nov. vrem. 27 no.2:5 Ja '68.

327(43)—Asia
Antonov, I. - Washington's strategy in Asia. Nov. vrem. 27 no.2:11-14 Jan. '68.

327(41)—China
Vafskii, D. - Peking's intrigues in the Near East. Nov. vrem. 27 no.2:12-15 Jan. '68.

327(41.17)—North Korea
M. Sh. - Words of their apologies. Nov. vrem. 27 no.2:7 '68.

327(43)—Arab countries as a bloc
Petrov, M. - Clouds over the Near East. Komm. Voorosh. Sh. 49 no.20:81-86 O '68.

327(40)—Pakistan
Pervovskii, V. - Conference in Karachi. Nov. vrem. 27 no.2:15-11 Ja '68.

327(40)—Iran
Pervovskii, V. - Conference in Karachi. Nov. vrem. 27 no.2:15-11 Ja '68.

327(40)—Near East
Let us liquidate the hotbeds of war! Nov. vrem. 27 no.2:1-2 Ja '68.
Vafskii, D. - Peking's intrigues in the Near East. Nov. vrem. 27 no.2:12-15 Jan. '68.

327(40)—Turkey
Pervovskii, V. - Conference in Karachi. Nov. vrem. 27 no.2:15-11 Ja '68.

327(40.2)—Lithuania
Kadriavicius, V. - Lithuania on the line of fire. Nov. vrem. 27 no.4:18-20 Ja '68.

327(40.4)—Israel
Krasnikov, M. - Middle East detente. Nov. vrem. 27 no.1:12-13 Ja '68.
Petrov, M. - Clouds over the Near East. Komm. Voorosh. Sh. 49 no.20:81-86 O '68.

327(40.7)—South Vietnam
From recognition of state to recognition of state. Nov. vrem. 26 no.16:3-3 D '68.

327(40.7)—North Vietnam
Alexandrov, I. - Paris meetings: results and prospects. Agitator no.1:25-27 Ja '68.
Lashkov, A. - A different start. Nov. vrem. 27 no.4:18-19 Ja '68.
Nguyen-thi-Binh discusses the negotiations on the Vietnamese problem. Nov. vrem. 27 no.2:10-11 Ja '68.

327(43)—Northwest Africa, Egypt and Sudan
Krasnikov, M. - Middle East detente. Nov. vrem. 27 no.1:12-13 Ja '68.

327(43)—Southern Africa (including Rhodesia)
Tubrov, E. - "South of Zambia." Mir, ekon. i mezhdunar. otn. no.11:14-15 '68.

327(41)—Canada
Krasnikov, V. - Canada and NATO. Nov. vrem. 27 no.2:21 Jan. '68.

327(43)—United States of America
Alexandrov, I. - Paris meetings: results and prospects. Agitator no.1:25-27 Ja '68.
Lashkov, A. - Lenin and the United States. Nov. vrem. 27 no.2:4-7 Jan. '68.
Lashkov, A. - A different start. Nov. vrem. 27 no.4:18-19 Ja '68.
Nguyen-thi-Binh discusses the negotiations on the Vietnamese problem. Nov. vrem. 27 no.2:10-11 Ja '68.
Sovremennik. - The 27th President. Nov. vrem. 27 no.4:7-8 Ja '68.

328 Political parties
328(4/8.104)—Capitalist countries of the world
Alexis, IU. - Brains and strength of a class. Mol. komm. no.10:83-96 '68.

328(43)—Federal Republic of Germany
Bagdasarov, V. - A new party in the Federal Republic of Germany. Nov. vrem. 26 no.16:18 D '68.

328(406)—Romania
Pakhin, N. - Socialist Unity Front in Romania. Nov. vrem. 27 no.4:31 Ja '68.

328.01 Communist Party of the Soviet Union
Alexis, IU. - Brains and strength of a class. Mol. komm. no.10:83-96 '68.
Belikov, V. K., Akhmedov, R. V. - Literature on party development published by the "politburo" and "kryl" publishing houses. Vop. ist. KPSS no.1:151-154 '68.
Carrying out the decisions of the 23rd Congress and Plenums of the Central Committee of the CPSU on problems of agriculture: decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. Part. shikha' no.31:4-8 N '68.
Correspondence with readers. Agitator no.1:23 Ja '68.
Course of implementing the decisions of the 23rd Congress and Plenums of the Central Committee of the CPSU on problems of agriculture: decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. Kommunist 45 no.16:3-18 N '68.
Discusses conditions... a review of letters. Agitator no.1:48-50 Ja '68.
Editorial: The October Revolution's banner is the banner of Communism. Kommunist 45 no.16:11-23 N '68.
Kremer, M. - Party organizations of the Soviet Union and a strict observance of laws. Sov. ist. no.10:3-4 Ag '68.
Korotkiy, L. IA. - Decisions of Lenin's party have been carried out. Vop. ist. KPSS no.1:13-13 '68.
From our correspondents. Komm. Voorosh. Sh. 49 no.20:89 O '68.
New tasks time is required for remission of a party penalty. Komm. Voorosh. Sh. 49 no.20:87-88 O '68.
In the Central Control Commission of the CPSU. Part. shikha' no.31:8 N '68.
Party and the communist education of young people. Part. shikha' no.31:16-17 N '68.
Petrov, I. - Leninist principles of handling workers' letters. Kommunist 45 no.13:77-86 S '68.
Plenums of the Central Committee of the CPSU. Part. shikha' no.31:3 '68.
Under Lenin's banner and along the road of the October Revolution. Komm. Voorosh. Sh. 49 no.20:83-8 O '68.

328.01(471.13)—Volgograd Province
Shikha' for report and elections. Part. shikha' no.31:81-83 N '68.

328.01(471.223)—Leningrad City
Popov, G. - Improvement in style and methods of party work. Kommunist 45 no.13:24-26 S '68.

328.01(471.310)—Moscow City
Lashkov, I. - Party warriors: a story about the Communists of a workshop. Kommunist 45 no.13:46-56 Ag '68.
Petrov, V. - Important sectors of the party: workshop, party organizations and party groups. Kommunist 45 no.13:16-45 N '68.

328.01(471.310)—Yaroslavl Province
Lashkovskiy, V. - Party committees and the agricultural organization of labor. Kommunist 45 no.14:58-59 S '68.

328.01(471.318)—Kaluga Province
Irodin, M. - A former communist. Part. shikha' no.31:67-70 N '68.

328.01(471.321)—Oral Province
Communists report to their comrades. Part. shikha' no.13:61 JI '68.

328.01(471.43)—Kryvyi Rih Province
District committee and party organizations with small membership. Part. shikha' no.31:65 N '68.

328.01(471.61)—Rostov Province
Work of the Rostov province party committee on carrying out the decisions of the Plenum of the Central Committee of the CPSU in September 1968 on introduction of the new methods of industrial management. Part. shikha' no.31:24-26 N '68.

328.01(471.68)—Krasnodar Territory
Korotkiy, N. - Temporary commission of a district committee. Part. shikha' no.13:26-27 JI '68.

328.01(471.631)—Kalmuk A.S.R.
Lashkovskiy, M. - They pronounced me an outsider. Part. shikha' no.31:71 N '68.

328.01(471.631)—White Russian S.S.R.
Vafskii, V. - Let us treat people with consideration. Part. shikha' no.31:40-43 N '68.

328.01(471.631)—Ukrainian S.S.R.
Dachukov, H. S. - Dissemination of progressive industrial experience by Ukrainian party organizations between the 23rd and 24th Congresses of the CPSU. Mol. komm. no.10:83-96 '68.
Krasnikov, E. - What should we do? Part. shikha' no.13:28 JI '68.

329.01(477) (Continued)
Kostetskiy, V. - With a perspective. Part. shizn' no. 13: 55-56 JI '68.
Kotenko, V. O. - Efforts of Kharkov Province party to raise the role of trade unions in the greater labor productivity in industry, struggle for 1959-1960. Natsk. pratsi s ist. KPSS no. 14:145-146 '67.
Olinychenko, M. D. - Some organizational problems of party work at the construction site of the Kiev Hydroelectric Power Station named after the Komsomol. Natsk. pratsi s ist. KPSS no. 16:144-145 '67.
Nauk. pratsi s ist. KPSS no. 16:144-145 '67.
Shavchuk, V. P. - Efforts of Ukrainian party organizations to ensure the leading role of Communists in industry, 1959-1960. Natsk. pratsi s ist. KPSS no. 16:144-145 '67.
Vasylenko, V. K. - Some forms of the intensification of efficient work habits practiced by the party organizations of Vinnytsia Province, 1959-1960. Natsk. pratsi s ist. KPSS no. 16:144-145 '67.
Vatshonko, A. - Dialectical approach to party leadership. Part. shizn' no. 13:55-56 JI '68.

329.01(479.23)—Armenian S. S. R.
Work with members of party committees. Part. shizn' no. 13:55-56 JI '68.

329.03(71.1)—Uzbek S. S. R.
Brief news. Vop. ist. KPSS no. 1:144 '68.

329.02 History of the Communist Party of the Soviet Union
Derezhkovskii, G. M. - Meeting of the Central Committee of the Russian Social Democratic Party in the middle of the December 1905. Vop. ist. KPSS no. 1:118-119 '68.
Documents and articles on the history of the CPSU and the international communist and labor movement published in November 1968 in periodicals, studies, collections, and scholarly serials. Vop. ist. KPSS no. 1:123-140 '68.
Gusiatnikov, P. S. - Struggle of V. I. Lenin and the "Iskra" supporters for revolutionary and democratic students; 1901-1903. Vop. ist. KPSS no. 1:30-37 '68.
Historical experience of the Great October publication of the third volume of the History of the CPSU. Kommunist 45 no. 19:40-41 M '68.
Poretskiy, M. B. - Urali Matshkov, worker, and revolutionary. Sov. arkh. no. 4:103-104 '68.
Podobolotov, P. A. - V. I. Lenin's struggle against the ideology of the Mensheviks and Socialist Revolutionaries during the early stages of the New Economic Policy. Vest. LGU 23 no. 14:18-24 '68.
Propaganda for the centenary of Vladimir Il'ich Lenin's birth: decision of the Central Committee of the CPSU. Kommunist 45 no. 13:3-4 Ag '68.
Sokolov, B. K. - Members who joined the party in the year of Lenin's death and their role in strengthening the Russian Communist Party (Bolsheviks). Vop. ist. KPSS no. 1:44-58 '68.
Zimankov, M. - Strength of the party lies in the socialist nature of its ranks. Koms. Voorush. 51 48 no. 20:10-17 O '68.

329.02(471.12)—Leningrad City
Gallperina, E. D. - Work on an index to a collection of documents. Sov. arkh. no. 4:48-49 '68.

329.02(471.310)—Moscow City
Kolpashnikov, G. M. - 114th Gates. Vop. ist. KPSS no. 1:102-107 '68.
Samburov, V. I. - History of the founding and activity of the Moscow "Workers Union." Vop. ist. KPSS no. 1:63-77 '68.

329.02(471.55)—Chelyabinsk Province
Resolution of an all-district underground conference of the Chelyabinsk organization of the Russian Communist Party (Bolsheviks). Sov. arkh. no. 4:88-91 '68.

329.02(474.5)—Lithuanian S. S. R.
Snitokas, A. - Road of struggle and victory. Kommunist 45 no. 10:121-24 M '68.

329.02(477)—Ukrainian S. S. R.
Drozdanko, V. - Fifty years of the Communist Party of the Ukraine. Part. shizn' no. 13:18-19 JI '68.

329.02(479)—Central Asia
Makarov, I. U. - Historic experience of the peoples in the Soviet Orient through the pages of the periodical "Kommunist Uzbekistan." Kommunist 45 no. 14:110-119 S '68.

329.03 International communist movement

Bartkovich, L. - Branches of the same tree. Mol. koms. no. 10:104-71 '68.
Documents and articles on the history of the CPSU and the international communist and labor movement published in November 1968 in periodicals, studies, collections, and scholarly serials. Vop. ist. KPSS no. 1:138-140 '68.
Editorial: The October Revolution's banner is the banner of Communism. Kommunist 45 no. 10:11-23 M '68.
An irrefutable trend toward unity. Kommunist 45 no. 9:3-9 Je '68.
Key problem. Nov. vresh. 25 no. 48:1-2 M '68.
Korlanov, V. - The world of the last year. Agitator no. 11:18-21 Ja '68.
Korshakov, L. - Do always loyal. Mol. koms. no. 10:104-110 '68.
Marxism-Leninism is the victorious banner of Communists. Part. shizn' no. 13:10-14 M '68.

Proletarian internationalism is the banner of the international communist movement. Kommunist 45 no. 12:24-30 Ag '68.

Ruban, M. - Leninist unity in the party ranks is a source of power of the CPSU. Kommunist 45 no. 16:53-74 M '68.

Shifko, A. - Leader of the world proletariat. Agitator no. 1:6-9 Ja '68.

Tribune of ideas on peace and social progress: the 16th anniversary of the periodical "Problemy mira i sotsializma." Kommunist 45 no. 14:43-45 S '68.

Tshumachenko, I. - Leninist nationality policy in action. Kommunist 45 no. 2:18-20 Je '68.

The year 1969. Nov. vresh. 27 no. 11:3-5 Ja '69.

Zimankov, M. - Strength of the party lies in the socialist nature of its ranks. Koms. Voorush. 51 48 no. 20:10-17 O '68.

329.04 Communist youth organizations

Rydzhev, R. - A bright page in the heroic annals of the Komsomol. Mol. koms. no. 10:104-71 '68.

Isolov, A. M. - The Komsomol and the development of a communist ideology in students. Vest. vyz. shkoly 28 no. 10:10-13 O '68.

Dudkov, L. - Komsomol petroleum workers of the Volga-Ural region during the years of the Great Patriotic War. Mol. koms. no. 10:10-13 O '68.

Daviduk, A. - Two worlds and two skies. Koms. Voorush. 51 49 no. 24:10-22 O '68.

First day of the Komsomol. Mol. koms. no. 10:10-13 O '68.

Glorious 50 years. - Mytostrovo 18 no. 5:1-3 S-O '68.

Gorodishchenko, L. - In this manner independence is developed. Vest. vyz. shkoly 28 no. 10:10-13 O '68.

Isolov, V. P. - An active helper of the party in the building of higher education. Vest. vyz. shkoly 28 no. 10:10-13 O '68.

Kanashkov, A. I. - Role of V. I. Lenin's Komsomol in the development of the Soviet state. Sov. gos. i prav. no. 11:3-5 M '68.

Kryvoruchenko, V. K. - An important historical source. Sov. arkh. no. 4:18-23 '68.

Kurlov, I. U. - A loyal helper of the party. Mol. koms. no. 10:10-13 O '68.

Party and the communist education of young people. Part. shizn' no. 13:18-19 JI '68.

Role of the Komsomol in my destiny. Mol. koms. no. 10:10-13 O '68.

Shchegolev, P. I. - History of the Komsomol's work in the international education of Soviet youth during the building of the foundation of socialism, 1928-1932. Vest. LGU 23 no. 20:30-38 O '68.

Sinitsyn, M. - Hero is life is a hero in literature. Mol. koms. no. 10:10-13 O '68.

Yakubovskiy, R. - School of communist education. Mol. koms. no. 10:10-13 O '68.

329.04(4)—Europe
Interview with like-related persons. Mol. koms. no. 10:10-13 O '68.

329.04(44)—France
Miyvalov, V. V., Kostin, M. M. - Establishment of the Communist Youth League of France and the early phase of its revolutionary activities. Vest. LGU 23 no. 20:30-38 O '68.

329.04(471.22)—Karelian A. S. S. R.
Artemov, K. - A personal file. Mol. koms. no. 10:10-13 O '68.

329.04(471.322)—Leningrad City
Khodashev, Y. Y., Yrsk, A. - A student's sketch. Part. shizn' no. 13:18-19 JI '68.

329.04(471.310)—Moscow City
Osk, P. - History of the 66th regiment. Mol. koms. no. 10:10-13 O '68.

329.04(471.318)—Ivanovo Province
Danilov, A. - In their fathers' footsteps. Koms. Voorush. 51 48 no. 20:10-13 O '68.

329.04(471.43)—Krytyshyev Province
The party kernel in the Komsomol. Part. shizn' no. 13:18-19 JI '68.

329.04(471.48)—Volgograd Province
Kishchenko, A. - Party guidelines of the Komsomol. Kommunist 45 no. 14:47-51 S '68.

329.04(471.54)—Orenburg Province
The party kernel in the Komsomol. Part. shizn' no. 13:18-19 JI '68.

329.04(471.54)—Orenburg Province
Frank, V. - Headquarters and a blind furnace. Mol. koms. no. 10:10-13 O '68.

329.04(471.61)—Rostov Province
Volpogin, A., Shchegolev, A. - A trip through desecrated (continuation). Mol. koms. no. 10:10-13 O '68.

329.04(474.2)—Belorussian S. S. R.
Yaroslav, U. - How we organize the young people's leisure time. Part. shizn' no. 13:18-19 JI '68.

329.04(474.3)—Latvian S. S. R.
Dartsevich, L. - Branches of the same tree. Mol. koms. no. 10:10-13 O '68.

329.04(477)—Ukrainian S. S. R.
Karnachuk, M. - What should we do? Part. shizn' no. 13:18-19 JI '68.

329.04(471)—Antioch S. S. S. R.
Kozlov, M. P. - Materials on the Komsomol's sponsorship of shock construction projects. Sov. arkh. no. 4:14-20 '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

329.04(471.64)—Buryat A. S. S. R.
Sukhobasina, A. - Horizon. Mol. koms. no. 10:10-13 O '68.

33 (Continued)

- List of dissertations submitted as a part of the requirements for the degree of doctor, and candidates of economic sciences. *Izv. AN Azerb. SSR Ser. ekon.* no. 3:74-77 '68.
- [New foreign books on the social sciences: economics, philosophy, history, international relations] *Mov. knigi za rub. po obshchestv. naukam, ekon., filoz., ist., mezhdunar. otn.* 11 no. 11 '68.
- [New foreign economic literature] *Mov. knizh. ekon.* 11 no. 8 '68.
- [New Soviet economic literature] *Mov. sov. ekon. lit.* nos. 7-8 '68.
- 330.1 General principles, laws and systems of economics
Filipov, M. I. - War and need. *Uch. zap. TOU* no. 10:16-24 '68.
- Measures for improving the organization of commercial work. *Zhurnal. d. transp.* 49 no. 10:93-94 O '67.
- Vygoditskiy, S. - Economic basis of the crisis of world capitalism. *Mir ekon. i mezhdunar. otn.* no. 11:13-14 '68.
- 330.1(430)—Germany
Shanley, V. - V. I. Lenin on German imperialism, and the modern imperialism of the Federal Republic of Germany. *Mir ekon. i mezhdunar. otn.* no. 12:18-30 '68.
- 330.1(73)—United States of America
Baralov, M. - V. I. Lenin on American imperialism. *Mir ekon. i mezhdunar. otn.* no. 11:15-26 '68.
- 330.115 Mathematics of economics. Economy
Aldokhin, I. P. - Determining optimal conditions of the work of equipment in founding production. *Khimiya i organ. prom. prodv.* no. 3:10-16 '68.
- Blah, I. I. - Models of the optimization of foreign trade in the European socialist countries. *BHGI [Prirod.]* no. 13:2-31 '68.
- Devlin, V. - Regional aspects of income stabilization in agriculture. *Plan. khoz.* 48 no. 11:82-86 D '68.
- Golovinskiy, L. O. - Single-product dynamic model with bounded structure. *Dokl. AN SSSR* 183 no. 6:1353-1368 '68.
- Grishin, A. P., Kulish, S. A. - Application of mathematical methods in establishing norms for working capital in coal mines. *Khimiya i organ. prom. prodv.* no. 3:119-129 '68.
- Karman, O. - Determining the waiting time in a branching system of stores. *Trudy Vych. tsentra. Tart. gos. un.* no. 13:39-41 '68.
- Kolmogorov, M. M. - Determining the economic efficiency of introduction of new equipment. *Khimiya i organ. prom. prodv.* no. 3:75-81 '68.
- Lavin, V. I. - Qualitative analysis of some complex systems. Part 1. Mathematical model of a system. *Arxiv. i vych. tsentr. [Bulg.]* no. 1:67-74 Ja-P '68.
- Matveev, V. - Rational economic optimum and planning for the structure of consumption. *Plan. khoz.* 48 no. 1:21-31 Ja '68.
- Starikov, A. V., Mostovaia, L. I., Okhotnikova, M. M. - Selection of the optimal section of seam workings. *Khimiya i organ. prom. prodv.* no. 3:126-130 '68.
- Titi, K. - Reservation without restoration. *Trudy Vych. tsentra. Tart. gos. un.* no. 13:23-33 '68.
- Zanegina, A. G. - Contradiction of the dynamics of the capital yield index and its quantitative model. *Khimiya i organ. prom. prodv.* no. 3:42-60 '68.
- Zanegina, A. G. - Technological progress and the efficiency of social production. *Khimiya i organ. prom. prodv.* no. 3:40-45 '68.
- 330.16 Economic policy
Laser, V. - Meat import and new construction sites in 1966. *Agrimor* no. 1:21-25 Ja '68.
- 330.16(430)—Federal Republic of Germany
Demaov, A. - Monetary expansion of the Federal Republic of Germany. *Mov. vrem.* 37 no. 3:15-17 Ja '68.
- 330.16(430)—Hungary
Erdei, Gyula. - Economic reforms in the Hungarian People's Republic. *Sov. gos. i prav. no. 11:180-118 M '68.*
- 330.16(44)—France
Krasavina, L. - The frame under attack. *Mov. vrem.* 36 no. 4:61-7 M '68.
- 330.16(471.13)—Volgograd Province
Shirinskii, V. - Economic reform and some problems of party work. *Part. zhurnal* no. 31:34-46 M '68.
- 330.16(471.13)—Kord A. S. S. R.
Vilnitsa, V. A., Parashchuk, G. M. - Problems in the industrial development of the Kord A. S. S. R. *Probl. Sov. no. 12:64-78 '67.*
- 330.16(51)—China
Maksimov, A. - Foreign economic policy of Mao Tse-tung's group. *Kommunist* 48 no. 12:163-113 Az '68.
- 330.16(561)—Burma
Lugovskoy, I. U. - The Burmese way. *Mov. vrem.* 37 no. 3:8-16 Ja '68.
- 330.16(71)—Canada
Ushakov, N. A. - The Canadian North and the problems of its development. *Probl. Sov. no. 12:342-347 '67.*
- 330.16(72)—South America
Valencia, G. - Peruvian paradoxes. *Mov. vrem.* 37 no. 3:10-23 Ja '68.
- 330.2 Organization and cooperation in the economic sphere. Reorganization, reform, etc.
Kiriin, V. A. - Our cooperation with France. *Mov. vrem.* 37 no. 4:5-8 Ja '68.

- Light of Aswan. *Mov. vrem.* 37 no. 3:4-5 Ja '68.
- Pla, Albert. - Algerian horizons. *Mov. vrem.* 37 no. 3:18-27 Ja '68.
- Repkin, A. N., Koryga, Chairman of the Council of Ministers of the U. S. S. R., to the newspaper "Mirochikl." *Mov. vrem.* 37 no. 3:23-4 Ja '68.
- Semikharov, I. P. - Soviet-Japanese business relations. *Mov. vrem.* 37 no. 3:21-22 Jan. '68.
- With the help of the U. S. S. R. *Vestnik. org.* no. 1:43 '68.
- Zharikov, P. - Czechoslovak economy in figures. *Mov. vrem.* 37 no. 3:10-20 Jan. '68.
- 330.2(181)—New states
Gentle, M. - Cooperation equal in rights and mutually advantageous. *Kommunist* 48 no. 14:70-78 S '68.
- 330.2(47.183)—Communist countries of the world
In the Council for Mutual Economic Assistance. *Vostok. org.* no. 1:123-25 '68.
- Gentle, M. - Cooperation equal in rights and mutually advantageous. *Kommunist* 48 no. 14:70-78 S '68.
- Korotkiy, G. - Economic integration of socialist countries. *Vop. ekon.* no. 1:77-88 D '68.
- 330.2(4.0)—European capitalist countries
Gorodki, V. - The "Common Market" is a league of contradictions. *Vostok. org.* 48 no. 3:48-49 '68.
- 330.2(430)—Federal Republic of Germany
Ushakov, I. U. - Atomic ties of the Federal Republic of Germany. *Mir ekon. i mezhdunar. otn.* no. 12:117-122 '68.
- 330.2(47)—Czechoslovakia
Zharikov, P. - Czechoslovak economy in figures. *Mov. vrem.* 37 no. 3:10-20 Jan. '68.
- 330.2(44)—France
Kiriin, V. A. - Our cooperation with France. *Mov. vrem.* 37 no. 4:5-8 Ja '68.
- 330.2(480)—European communist countries as a group
Bashilov, A. - Iraq and the countries of the Council for Mutual Economic Assistance. *As. i Afr. seg.* 13 no. 12:1-12 D '68.
- Korotkiy, G. - The permanent committees of the Comcon. In operation. *Vostok. org.* no. 1:123-26 '68.
- Puchkin, M. - Twenty years of bilateral cooperation. *Vostok. org.* 49 no. 3:3-7 '69.
- Shimodskiy, V. - Prediction of the "Bigma" Combine. *Vostok. org.* 48 no. 3:34 '68.
- 330.2(51)—Japan
Makichovskiy, K. - Doctrine of "Open doors." *As. i Afr. seg.* 13 no. 12:17-18 D '68.
- Repkin, A. N., Koryga, Chairman of the Council of Ministers of the U. S. S. R., to the newspaper "Mirochikl." *Mov. vrem.* 37 no. 3:23-4 Ja '68.
- Semikharov, I. P. - Soviet-Japanese business relations. *Mov. vrem.* 37 no. 3:21-22 Jan. '68.
- 330.2(540)—India
Karpovich, S. - Soviet scientific books in India. *Vostok. org.* no. 1:40-41 '68.
- 330.2(56)—Iraq
Bashilov, A. - Iraq and the countries of the Council for Mutual Economic Assistance. *As. i Afr. seg.* 13 no. 12:1-12 D '68.
- 330.2(58)—Algeria
Pla, Albert. - Algerian horizons. *Mov. vrem.* 37 no. 3:18-27 Ja '68.
- 330.2(73)—United States of America
Delgado, A. - Why the Peace Corps is hated here; a letter from Colombia. *Mov. vrem.* 36 no. 4:111-123 M '68.
- 330.2(8)—South America
Delgado, A. - Why the Peace Corps is hated here; a letter from Colombia. *Mov. vrem.* 36 no. 4:111-123 M '68.
- 330.2(84)—Australia (Commonwealth)
Makichovskiy, K. - Doctrine of "Open doors." *As. i Afr. seg.* 13 no. 12:17-18 D '68.
- 331 Labor. Work. Employment
Anikoy, S. - Labor, generalization, introduction. *Sov. zhurnal.* 18 no. 10:18-20 O '68.
- Chadov, A. A. - Development of the creative and aesthetic aspects of work in the different stages of presocialist society. *Uch. zap. TOU* no. 70:44-53 '68.
- Kofe, M. V. - Methods used for calculating coefficients of labor complexity in the industry of the U. S. S. R. *Uch. zap. po stud.* 13:133-143 '67.
- Lugovskoy, I. - On the concept of "division of labor." *Vop. ekon.* no. 13:123-134 D '68.
- Markov, G. - The labor is not to you. *Sov. protselov* 34 no. 20:10 O '68.
- Markov, M. V. - Intellectual and manual work: overcoming fundamental differences between them in the process of the scientific and technical revolution. *Vop. filoz.* no. 11:27-46 '68.
- Maksimov, V. V. - Shaping the transportation pattern of workers in Tula and Kirov. *Gos. khim. zhurn.* 43 no. 2:34-38 P '68.
- Milichuk, E. A., Morozov, B. S. - Problem of the development of small and medium-size cities and utilization of labor resources. *Vest. LGU* 23 no. 13:175-178 Ja '68.
- Orlovskiy, A. I. - Marxist-Leninist theory of free will and determinism as a methodological foundation for studying the problem of moral responsibility in an industrial collective. *Uch. zap. TOU* no. 64:154-174 '68.

- Orlovskiy, A. I. - Studies on correlation among different norms governing production operations as a condition which determines the development of moral responsibility. *Uch. zap. TOU* no. 70:118-126 '68.
- Osikin, I. A. - Requirements of the time. *Sov. zhurnal.* 18 no. 10:22 O '68.
- Salmakala, V. M. - Soviet historiography on the struggle of the working class for a socialist revolution in rural areas. *Vop. ist. KPSS* no. 1:114-121 '68.
- Shkrikov, N. - Precisely called for this purpose. *Sov. zhurnal.* 18 no. 10:5 O '68.
- They are on guard for the fulfillment of the five-year plan. *Sov. zhurnal.* 18 no. 10:1-2 O '68.
- Trizno, S. - Both mass production and craftsmanship. *Sov. zhurnal.* 18 no. 10:27 O '68.
- Vlasenko, V., and others. - The young worker. *Sov. zhurnal.* 18 no. 10:13-14 O '68.
- Volkov, P. I., Myshitskiy, D. K. - In the vanguard of the movement for communist labor. *Trudy. strol.* no. 1:3 Ag '68.
- 331(4/9.104)—Capitalist countries of the world
Ald, I. A. - Leninist teachings on the proletariat's hegemony and our time. *Vop. ist. KPSS* no. 1:114-121 '68.
- Platner, K. - Labor and capital at a monopolistic stage. *Kommunist* 48 no. 14:87-99 S '68.
- Rassolov, B. - Working class and the contemporary bourgeois state. *Kommunist* 48 no. 12:83-181 Ag '68.
- 331(430)—Germany
Schmidt, Walter - Falsification of history of the German labor movement by West German bourgeois historiography. *Vop. ist. KPSS* no. 1:57-68 '68.
- 331(471.23)—Karl Marx A. S. S. R.
Kovalenko, O. P. - Structure of the industrial workers of Karel in the early stages of industrialization. *Uch. zap. Petrozav. gos. un.* 14 no. 6:17-30 '68.
- 331(477)—Ukrainian S. S. R.
Mikhailov, O. - There are two houses at Sosnovka. *Sov. zhurnal.* 18 no. 10:20 O '68.
- 331(573)—Central Asia
Korotkiy, G. - Some problems relating to the distribution and effective utilization of manpower in the densely populated areas of Central Asia. *Nauch. trudy TashGU* no. 3:101-113 '67.
- 331(6)—Africa
Kuznetsov, B. - Formation of industrial proletariat. *Mir ekon. i mezhdunar. otn.* no. 11:88-104 '68.
- 331(71)—Canada
Pukhov, V. P. - Characteristics of labor supply and its development of industrial centers in northern Canada. *Probl. Sov. no. 12:217-230 '67.*
- 331.1 Industrial relations: workers and employers
Answering our readers' questions. *Sov. ist. no. 11:21 Ag '68.*
- Legal advice. *Rad. pravo* 31 no. 11:68-69 M '68.
- Let us lighten the organizational structure and discipline a review of letters. *Kommunist* 48 no. 14:100-110 S '68.
- Meladze, V. I., Kostylev, O. A. - Disciplinary responsibility according to the Code on the Discipline of Workers in the U. S. S. R. *Mirochikl. Marine. Trudy TSHGU* 14 no. 6:88-113 '68.
- New regulations on awarding labor premiums. *Zhurnal. transp.* 49 no. 10:87-88 O '68.
- Res, R. S., Lavich, I. U. M. - Certain characteristics of the legal control of the crew labor organization in collective contracts with shipowners. *Trudy TSHGU* 14 no. 6:88-113 '68.
- Socialist discipline of labor. *Kommunist* 48 no. 14:10-18 S '68.
- Zaslavskaya, M., Ryukova, E., Khargov, I. - For a correct implementation of labor laws. *Sov. ist.* no. 12:11-11 JI '68.
- 331.1(477)—Ukrainian S. S. R.
Lobachenko, V. - Stokely is a friendly way. *Sov. protselov* 34 no. 10:23 O '68.
- 331.1(73)—Mexico
Lavalenko, V. - Violation of the workers' rights and the arbitrary acts of their employers in Mexico. *Sov. ist.* no. 12:18-27 Ag '68.
- 331.5 Wages, salaries, pay
Gol'dfager, V. S. - Determining the remuneration for efficiency suggestions which do not result in economy. *Vop. isloz.* no. 11:43-47 M '68.
- Gorshberg, I. A. - Some problems of the theory of wages under socialism. *Vop. ekon.* no. 12:54-66 D '68.
- Kosyrev, I. U. A., Labelev, I. U. M. - Answering the questions of our readers. *Vest. vrs. shkoly* 34 no. 30:90-98 O '68.
- Prokhorov, O. - Some forms of developing the principle of interest in the results of work. *Rad. pravo* 31 no. 11:48-53 M '68.
- Rabkina, M. E., Rimshchinskaya, M. M. - Statistical series of wage distribution, its characteristics and methods of study. *Uch. zap. po stud.* 13:180-180 '67.
- Shchukin, V. G. - The educational process and the staff of schools of higher education. *Vest. vrs. shkoly* 34 no. 10:13-16 O '68.
- 331.2(471.264)—Voronezh Province
Prediction of economic tendencies. *Part. zhurnal* no. 31:66-69 M '68.

331.7 **Skilled and unskilled labor**
 Gorbunskii, A. - The present and future of intellectual work. *Mir, ekon. i mezhdunar. otn.* no. 12:63-67 '68
 Markov, N. V. - Intellectual and manual work: overcoming fundamental differences between them in the process of the scientific and technical revolution. *Vop. filos.* no. 11:37-46 '68
 Mintz, L. E. - Statistics and planning for the number and composition of specialists in the national economy. *Uch. zap. po stat.* 13:71-78 '67
 Shkarskii, O. I. - The working class of socialist society in the era of the scientific and technological revolution. *Vop. filos.* no. 11:4-28 '68

331.7(177) - Underdeveloped and underdeveloped areas
 Zhabrov, V. - A nonequivalent exchange. *Azi. i Afr. seg.* 12: no. 12:6-8 D '68

331.7(477) - Ukrainian S. S. R.
 Bakhmetyi, V. M. - Concern shown by the party for the training of skilled workers in the vocational institutions of the Ukrainian S. S. R., 1908-1909. *Munk. pratsi s ist. KPPS* no. 16:66-69 '67

331.8 **Working hours and conditions. Living conditions of workers. Labor organization. Labor disputes, strikes, etc.**
 Bobylev, B. I. - Rapprochement is liberating establishments. *Trudy ENILP* no. 2:97-106 '66
 Chobushov, A. - Effect becomes important. *Mafiank* 13: no. 11:19 D '68
 Christov, A. - Let us spare the fruits of people's labor. *Agitator* no. 1:24-26 Ja '68
 Dingler, E., Malakhov, A. - Scientific labor organization in helping production. *Mafiank* 13: no. 11:18-19 D '68
 Dygin, A. P., Kartashev, G. I. - Exhibition on the theme "Safety engineering and industrial sanitation in the construction and building materials industries." *Strad. trudi* 11: no. 3:31-32 Mr '68
 Ioffe, P. V. - Regional indices of labor productivity. *Uch. zap. po stat.* 13:89-99 '67
 Kalashov, N. P. - Shielding of tank furnaces for reducing heat losses and improving working conditions. *Elek. i kor.* 24: no. 11:17-19 Ja '67
 Kibko, E. O. - The workers' budget. *Uch. zap. po stat.* 13:104-107 '67
 Krut'sverdi, V. S. - Methodology of measuring labor productivity. *Uch. zap. po stat.* 13:15-28 '67
 Korshonov, I. I. - Leaves for workers of construction organizations. *Sov. profsoyuzy* 24: no. 11:45-48 S '68
 Krashev, V. G. - Methods of studying leisure time. *Uch. zap. po stat.* 13:181-193 '67
 Lotmanov, I. I. - Socialist competition, an effective means of further work improvement of pharmaceutical institutions. *Parushev. shur.* 23: no. 3:11-13 '68
 Milikova, B. - Scientific organization of labor in the geological service. *Mafiank* 13: no. 11:17-18 D '68
 Nalitski, M. - This is the workers' conference. *Sov. profsoyuzy* 24: no. 10:33 O '68
 Romsh, M. - Providing petroleum workers with hot meals at their working places. *Mafiank* 13: no. 11:31-32 D '68
 Roznitski, I. - Improving public eating facilities of petroleum workers. *Mafiank* 13: no. 11:24 D '68
 Shchukin, M. - Precisely called for this purpose. *Sov. strakh.* 15: no. 10:9 O '68
 Sviridov, A. - Aiming for 300 million tons of petroleum. *Nefiank* 13: no. 10:11-12 O '68
 Shchegolev, I. O. - Role of trade unions in tightening socialist labor discipline. *Sov. gos. i pravo* no. 11:124-129 M '68
 They are on guard for the fulfillment of the five-year plan. *Sov. shchit.* 18: no. 10:1-2 O '68
 V. I. Lysenko, A. - Trade union group as an organizer of socialist competition. *Mafiank* 13: no. 10:14-15 O '68
 Work time should be effectively utilized. *Part. shizn'* no. 3:194-95 M '68
 Znamenskiy, V. - Design of a plant and working conditions. *Okhr. truda i sots. strakh.* 15: no. 11:3-4 Ja '68
 Zhdanovich, G. V. - Basic trends in mechanization in the new five-year plan. *Strad. trudi* no. 11: no. 1:3-4 Ja '68

331.8(48) - Italy
 Tranchesi, D. - Political crisis in Italy. *Nov. vrem.* 30: no. 48:12-13 M '68

331.8(471.882) - Leningrad City
 Koldyrev, V. - Our decisions will be fulfilled! *Sov. profsoyuzy* 24: no. 11:14 S '68
 Concern for the best of workers. *Part. shizn'* no. 18: 63 Ji '68

331.8(471.310) - Moscow City
 Krasnoshchik, M. - Institution of higher learning, science, and production. *Okhr. truda i sots. strakh.* 15: no. 11:32-33 Ja '68
 Ushchitskiy, N. - Friendship between two districts. *Part. shizn'* no. 13:66-69 Ji '68

331.8(471.311) - Moscow Province
 Gorn, M. - According to Khrushchev's personal initiative. *Okhr. truda i sots. strakh.* 15: no. 11:9-10 Ja '68

331.8(471.318) - Ryazan Province
 Ivanov, A. - There were no orators. ... *Sov. profsoyuzy* 24: no. 11:14 S '68

331.8(471.324) - Voronezh Province
 Shchegolev, A. - A creative approach is needed. *Part. shizn'* no. 13:17-19 Ji '68

331.8(471.41) - Tatar A. S. S. R.
 Rodionov, M. - There are no trifles. *Sov. profsoyuzy* 24: no. 11:18-19 S '68

331.8(477) - Ukrainian S. S. R.
 Andreyev, A. - Initiative of the masses is a powerful source of agricultural expansion. *Kommunist* 45: no. 9: 36-43 Ja '68
 Borisenko, V. - On Khorosha Island. *Sov. profsoyuzy* 24: no. 10:30-32 O '68
 Hildebrand, L. F. - Concern of Ukrainian party organizations for the intensification of productive activity of the laboring classes during the seven-year plan, 1908-1909. *Munk. pratsi s ist. KPPS* no. 16:83-84 '67
 Kozlov, V. O. - Efforts of Kharkov Province party organization to raise the role of trade unions in the struggle for greater labor productivity in industry, 1908-1909. *Munk. pratsi s ist. KPPS* no. 16:146-150 '67
 Kovalev, M. - Leisure and its material base. *Okhr. truda i sots. strakh.* 15: no. 11:14-15 Ja '68
 Kravchenko, M. - There is a little work. *Sov. profsoyuzy* 24: no. 11:25 S '68
 Protasov, V. - Guards of industrial safety. *Sov. profsoyuzy* 24: no. 10:31 O '68
 Shevchuk, V. P. - Efforts of Ukrainian party organizations to ensure the leading role of Communists in industry, 1908-1909. *Munk. pratsi s ist. KPPS* no. 16: 70-82 '67
 Ushchitskiy, N. - Friendship between two districts. *Part. shizn'* no. 13:66-69 Ji '68
 Vasylenko, V. K. - Some forms of the intensification of efficient work habits practiced by the party organizations of Vinnytsia Province, 1908-1909. *Munk. pratsi s ist. KPPS* no. 16:181-183 '67

331.8(400) - European communist countries as a group
 Sevost'yanov, V. V. - Method of comparing the levels of labor productivity in the industry of member countries of the Mutual Economic Assistance Council. *Uch. zap. po stat.* 13:10-20 '67

331.8(407.3) - Bulgaria
 Davyanov, Vasil - All the benefits for the workers. *Sov. profsoyuzy* 24: no. 11:36-38 S '68

331.8(471.13) - Czech Province
 Pogorelyi, I. - Training school. *Sov. profsoyuzy* 24: no. 11:13-15 S '68

331.8(4) - South America
 In spite of the extraordinary measures. *Sov. profsoyuzy* 24: no. 10:36 O '68

331.881 **Trade unions**
 Andreyev, V. - A twelfth sector. *Nov. vrem.* 37: no. 4:22-23 Ja '68
 Boudarene, E. - Trade union workers study and exchange their work experiences. *Mafiank* 13: no. 10:16 O '68
 Chuv more attention to trade union organizations with few members. *Sov. profsoyuzy* 24: no. 11:1-3 S '68
 Malitski, M. - This is the workers' conference. *Sov. profsoyuzy* 24: no. 10:33 O '68
 Ostrov, V. - Today's cultural centers. *Mafiank* 13: no. 11:29 D '68
 Plashkov, M., Bard, S. - Work and plans of cultural workers. *Sov. profsoyuzy* 24: no. 10:6-8 O '68
 Petrovskiy, N. - Increased role of the party and the mass organizations of workers. *Kommunist* 45: no. 13: 31-45 Ag '68
 Salomov, I. - V. I. Lenin on mass participation in the administration of the socialist national economy. *Rad. pravo* 31: no. 11:18-19 M '68
 Shchegolev, I. O. - Role of trade unions in tightening socialist labor discipline. *Sov. gos. i pravo* no. 11:124-129 M '68
 Statute of the All-Union Council of Trade Unions on the "Participation of trade unions in the preparation for the Lenin anniversary." *Sov. profsoyuzy* 24: no. 10: 4-6 O '68
 Viktorov, A. - Trade union solidarity. *Nov. vrem.* 36: no. 50:14-15 D '68
 Work of a commission of the Central Committee of the Trade Unions. *Mafiank* 13: no. 11:29 D '68

331.881(41) - United Kingdom and Northern Ireland
 Peregrinov, S., Poshchinskii, V. - The "white collar" trade unions in Great Britain. *Mir, ekon. i mezhdunar. otn.* no. 12:108-109 '68

331.881(471.43) - Kryzhysh Province
 Ivanovskiy, A. - Disturbed by concern for the people. *Sov. profsoyuzy* 24: no. 11:74 S '68

331.881(476) - White Russia S. S. R.
 Nalitski, M. - In active contact with the masses. *Sov. profsoyuzy* 24: no. 11:17-18 S '68

331.881(477) - Ukrainian S. S. R.
 Ajajev, E. - Method? Paradoxical. *Sov. profsoyuzy* 24: no. 10:34 O '68
 Aldukhov, M. - Activities are studying. *Sov. profsoyuzy* 24: no. 10:32-33 O '68
 Balogov, M. - By the command of ecclesiastics. *Sov. profsoyuzy* 24: no. 10:33 O '68
 The first Ukrainian conference. *Sov. shchit.* 18: no. 10: 34 O '68
 Ishchenko, V. - Strictly in a friendly way. *Sov. profsoyuzy* 24: no. 10:33 O '68

Krasova, O. - Boudarene field. *Sov. profsoyuzy* 24: no. 10:14-16 O '68
 Kozlov, V. O. - Efforts of Kharkov Province party organization to raise the role of trade unions in the struggle for greater labor productivity in industry, 1908-1909. *Munk. pratsi s ist. KPPS* no. 16:146-150 '67

331.881(480) - Finland
 Antropov, V. - A twelfth sector. *Nov. vrem.* 37: no. 3:23-24 Jan. '68

331.881(48) - Japan
 Kikuo Khodori - Our strength is in unity. *Sov. profsoyuzy* 24: no. 11:37-38 S '68
 Viktorov, A. - Trade union solidarity. *Nov. vrem.* 36: no. 50:14-15 D '68

331.881(471.13) - Tyumen Province
 Rukhovich, K. - Routine of the drilling companies. *Sov. profsoyuzy* 24: no. 11:9-10 S '68

331.881(73) - United States of America
 Morris, George. - Prospects for the American trade unions. *Nov. vrem.* 36: no. 53:14-16 D '68

331.881 **International organization of labor**
 Nikolaev, T. M. - On the eve of the Seventh World Trade Union Congress. *Nov. vrem.* 37: no. 2:4-8 Ja '68

331.87 **Incentives: bonuses, bonuses, etc.**
 Barabchinskaya, K. - Bonuses for supplementary deductions to incentive funds. *Plan. zhov.* 43: no. 1:22-25 Ja '68
 Petrovskiy, V. - Economic stimulation funds. *Prora. Arm.* 10: no. 10:24-28 '68
 Prokhorov, O. - Some forms of developing the principle of interest in the results of work. *Rad. pravo* 31: no. 11:49-53 M '68

331.87(471.838) - Leningrad Province
 Kiselev, M. - Market rubia. *Sov. profsoyuzy* 24: no. 11: 11-12 S '68

331.87(471.324) - Voronezh Province
 Pravitel'stvo ekonomicheskikh, Yarn. shizn' no. 31: 45-46 M '68

332 **Land and property. Real estate**
 Denilov, V. - Regional aspects of income stabilization in agriculture. *Plan. zhov.* 43: no. 1:22-25 Ja '68
 Hryshchuk, M. - Tracts of land assigned to populated places in rural areas. *Rad. pravo* 31: no. 11:63-66 M '68
 Tytova, N. - Some problems in the legal protection of the tracts of land. *Rad. pravo* 31: no. 11:61-63 M '68

332.1 **Public property**
 Liapin, A. - Developing and improving socialist property relations in the U. S. S. R. *Vop. ekon.* no. 13:67-76 D '68

332.3 **Private property**
 332.3(4/9.104) - Capitalist countries of the world
 Morozovskaya, A. - Private land ownership and the capitalist city. *Mir, ekon. i mezhdunar. otn.* no. 13: 82-101 '68

334 **Cooperative movement and cooperatives**
 Otkid, I. A. - Legal rules governing the work of the industrial enterprises of consumer's cooperatives. *Sov. gos. i pravo* no. 11:184-86 M '68

334(381) - Burma
 Lelko, V. A. - The cooperative movement in the Union of Burma. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad.* no. 9:223-238 '68

334(44) - West and North Central Africa
 Babitskaya, M. S. - Mamadu Dia's theory of "cooperative revolution." *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad.* no. 9:223-248 '68

336 **Socialism. Socialist systems**
 Triumph of the Lenin ideas. *Sov. profsoyuzy* 24: no. 10: 1-4 O '68

336 **Finance**
 336(4/9.104) - Capitalist countries of the world
 Borilov, S. - Rents of the monetary crisis. *Nov. vrem.* 37: no. 4:16-18 Ja '68
 Krasovskiy, L. - France under attack. *Nov. vrem.* 36: no. 48:4-7 M '68
 Ponomarev, M. - Capitalist economy in 1968. *Nov. vrem.* 36: no. 53:4-8 D '68

336(483) - Federal Republic of Germany
 Demarev, A. - Monetary expansion of the Federal Republic of Germany. *Nov. vrem.* 37: no. 3:15-17 Ja '68

336.1 State wealth and revenue. Budget

336.14(71.310)—Moscow City
Mishnev, V. M. - Budget of the city of Moscow. *Gaz. izm. dokl.* 42 no. 2:14-15 P '68.

336.2 Taxes

336.2(488)—Sweden
A. A. - Rich children. *Nov. vrem.* 26 no. 23:20 D '68.

336.41 Banks and banking

Brief information on foreign exchange and banks abroad. *Dem. kred.* 26 no. 11:84-86 M '68.
Kislov, G. - Bank work in accounting for current operations. *Dem. kred.* 24 no. 11:31-37 M '68.
Pechenkin, M. - Problems of personnel training. *Dem. kred.* 26 no. 11:76-78 M '68.
Poloskina, T. - Mechanizing the work of bank employees. *Dem. kred.* 26 no. 11:23-25 M '68.

336.41(471.64)—Sverdlovsk Province
Danileva, M., Koshkova, V. - Problems demanding solution. *Dem. kred.* 24 no. 11:71-72 M '68.

336.41(476)—White Russian S. S. R.
Luk'itskaya, B., Elizaveta, V. - Pressing necessity. *Dem. kred.* 26 no. 11:73-74 M '68.

336.41(477)—Ukrainian S. S. R.
Kerada, E., Pavlov, V. - Means for increasing labor productivity of machine operators. *Dem. kred.* 26 no. 11:81-82 M '68.

336.41(478)—Moldavian S. S. R.
Tsyvotay, N. - Consolidation of payments is the problem of today. *Dem. kred.* 26 no. 11:87-88 M '68.

336.41(6)—Asia
Aadrasov, M. - First steps of the Asian Development Bank. *Mir. ekon. i mezhdunar. otn.* no. 12:66-71 '68.

336.48 Savings banks, savings

Valler, L., Medla, M. - Voluntary deductions transferred into savings bank accounts. *Dem. kred.* 26 no. 11:83-84 M '68.

336.42(471.64)—Novgorod Province
Vitsitskii, M. - We are improving planned economic work. *Dem. kred.* 26 no. 11:67-71 M '68.

336.42(477)—Ukrainian S. S. R.
Pilyk, A. - We are improving the composition of the personnel. *Dem. kred.* 26 no. 11:78-80 M '68.

336.42(478)—Moldavian S. S. R.
Belyukova, L. - Economic work in savings banks. *Dem. kred.* 26 no. 11:65-67 M '68.

336.44 Money. Fiat currency. Coins

336.44(407.2)—Bulgaria
Lazarov, Nikola. - Balance of the monetary (income and expenditures) of the population and its use in national economic planning. *Dem. kred.* 26 no. 11:89-92 M '68.

336.45 Fiduciary money. Paper and special currencies. Money substitutes. Rules of exchange

336.46(4/8.104)—Capitalist countries of the world
Bartlett, S. - Roots of the monetary crisis. *Nov. vrem.* 27 no. 4:4-13 Ja '68.

336.46 Exchange. Placemaking. Capital investment
Mironov, A. - Problems of increasing the efficiency and improving the structure of capital investments. *Plan. khoz.* 48 no. 1:66-77 Ja '68.

336.46(4/8.104)—Capitalist countries of the world
Borisev, S. - Roots of the monetary crisis. *Nov. vrem.* 27 no. 4:4-13 Ja '68.
Vakhtang, Yasha. - Who is behind the "black jokers." *Nov. vrem.* 26 no. 23:18-20 D '68.

336.46(430)—Germany
Ortalski, Yu. M. - German fascists in Latin America. *MIR* 1962. Vop. 10. no. 11:102-103 M '68.

336.46(432)—Federal Republic of Germany
Dumakov, A. - Monetary expansion of the Federal Republic of Germany. *Nov. vrem.* 27 no. 3:15-17 Ja '68.

336.46(44)—France
Khrushchev, L. - France under attack. *Nov. vrem.* 26 no. 43:4-7 M '68.

336.46(44)—Switzerland
Iudin, Yu. - Expansion of the Swiss franc. *Mir. ekon. i mezhdunar. otn.* no. 12:123-124 '68.

336.46(8)—Africa
Gosudarstven, L. - Investments and profits of foreign companies. *Mir. ekon. i mezhdunar. otn.* no. 12:106-108 '68.
Shchegolev, V. - Causes of the lack of stability in Africa. *Nov. vrem.* 26 no. 20:18-21 D '68.

336.46(73)—United States of America
Chirikov, O. - Export of private capital and its influence on the economy of the exporter country. *Mir. ekon. i mezhdunar. otn.* no. 12:43-53 '68.

336.47 Credit
Agitator, M. - Total loan requirements. *Dem. kred.* 26 no. 11:36-40 M '68.
Brugalskii, L. - Credit and the efficiency of agricultural production. *Plan. khoz.* 48 no. 1:78-84 Ja '68.
Pisarev, G. - Credit ties with the metallurgical and the electrical industry. *Dem. kred.* 26 no. 11:10-18 M '68.
Shabanov, M. - Monocash payments and the role of credit in the sphere of circulation. *Dem. kred.* 26 no. 11:2-8 M '68.

336.47(4/8.104)—Capitalist countries of the world
A. S. - "Club of 100": an information note. *Nov. vrem.* 26 no. 40:33 D '68.

336.47(471.328)—Belgorod Province
Obokryl, V. - The lending of direct credit expands. *Dem. kred.* 26 no. 11:47-49 M '68.

336.47(471.48)—Volgograd Province
Lytvakina, K. - Unsecured loans in lending credit on the basis of turnover. *Dem. kred.* 26 no. 11:44-48 M '68.

336.47(477)—Ukrainian S. S. R.
Glaov, S. - Lending credit for the total loan required. *Dem. kred.* 26 no. 11:48-51 M '68.

336.47(471.18)—Altai Territory
Kharoshenko, M. - Effect of credit on kokhok economy. *Dem. kred.* 26 no. 11:48-50 M '68.

336.47(574)—Kazakh S. S. R.
Nazarov, V. - Lending credit for the total loan required. *Dem. kred.* 26 no. 11:17-22 M '68.
Shalay, M. - Lending credit to enterprises on the basis of the turnover of materials and expenditures. *Dem. kred.* 26 no. 11:42-44 M '68.

336.48 International finance. International Monetary Fund
A. S. - "Club of 100": an information note. *Nov. vrem.* 26 no. 40:33 D '68.
Zolotarev, K. - They are saving the pound again. *Dem. kred.* 26 no. 11:23-24 M '68.

336 Production. Creation of wealth. Economic situation
Andriashko, S. - The economic reform and the initiative of the enterprises. *Vop. ekon.* no. 2:23-24 D '68.
Gorodskii, A. - Fourth year of the five-year plan. *Agitator* no. 1:14-17 Ja '68.
Happy New Year. *World metal Agitator* no. 1:3-6 Ja '68.
Korotkov, V. - The world of the last year. *Agitator* no. 1:18-21 Ja '68.
Mikheeva, E. A. - Some problems of the efficient distribution of the branches of an industry in an economic region as revealed by a study made in the northwest of the U. S. S. R. *Vost. LGU* 23 no. 12:143-150 Ja '68.
The new achievements and the new accomplishments. *Vostok, torg.* no. 1:2-5 '68.
Papernik, E. - Measuring the efficiency of social production. *Plan. khoz.* 48 no. 1:123-24 D '68.
What our country does for the people and the people for our country: facts and figures. *Agitator* no. 1:25-29 Ja '68.
The year 1966. *Nov. vrem.* 27 no. 11:1-3 Ja '68.

336(161)—New states
Podolskiy, E. - The U. S. and the economy of young states. *Mir. ekon. i mezhdunar. otn.* no. 12:57-67 '68.

336(177)—Underdeveloped and underdeveloped areas
Economic information. *Mir. ekon. i mezhdunar. otn.* no. 11:104-108 '68.

Volokhin, M. Z. - Bourgeois concept of the unbalanced development of the infrastructure in the young national states. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad. Poln. ekon.* no. 9:178-186 '68.

336(4/8.104)—Communist countries of the world
Borokis, G. - Monocash integration of socialist countries. *Vop. ekon.* no. 12:77-84 D '68.

336(4/8.104)—Capitalist countries of the world
Kashitskii, D. - Studying the condition of the capitalist economy. *Vostok, torg.* no. 1:23-28 '68.
Podolskiy, Yu. - Capitalist economy in 1966. *Nov. vrem.* 26 no. 23:4-8 D '68.
Stability and economic information. *Mir. ekon. i mezhdunar. otn.* no. 12:123-125 '68.

336(432)—Federal Republic of Germany
Shcherov, V. - V. I. Lenin on German imperialism and the modern imperialism of the Federal Republic of Germany. *Mir. ekon. i mezhdunar. otn.* no. 12:36-38 '68.

336(432)—Austria
Gajdar, A. - This must not be forgotten. *Nov. vrem.* 24 no. 34:41-42 O '68.

336(437)—Czechoslovakia
Rabashchik, T. - Economy of Czechoslovakia during 40 years. *Mir. ekon. i mezhdunar. otn.* no. 11:27-38 '68.
Zharov, P. - Czechoslovak economy in figures. *Nov. vrem.* 27 no. 3:28-30 Jan. '68.

336(468)—Portugal

Shchegolev, V. L. - Characteristics of the economic development of Portugal during the postwar period. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad. Poln. ekon.* no. 9:122-129 '68.

336(471.1)—Northern R. S. F. S. R.

Graeff, G. L. - Problems concerning the specialization and general economic development of the Komi ASSR North of the U. S. S. R. *Probl. Sev.* no. 18:67 '68.

336(471.13)—Komi A. S. S. R.

Vilenskaya, V. A., Parashchuk, G. N. - Problems of industrial development of the Komi A. S. S. R. *Probl. Sev.* no. 18:64-75 '67.

336(471.23)—Leningrad City

Piracy, V. G. - Operation of Nava Machine Building Plant under conditions of economic reform. *Vop. mekhanizirovann. M* no. 2:26-30 B '68.

336(474)—Baltic Republics

The Baltic Soviet States. *Nov. vrem.* 27 no. 1:1-10 Jan. '68.

336(498)—Greece

Pekolias, Yasha. - Who is behind the "black jokers." *Nov. vrem.* 26 no. 23:18-20 D '68.

336(498)—European economist circulation as a group

Pishchik, M. - Twenty years of international cooperation. *Vostok, torg.* 48 no. 1:2-7 '68.

336(497.2)—Bulgaria

Two days in Bulgaria. *Vop. ekon.* no. 12:146-151 D '68.

336(571)—Austrian R. S. F. S. R.

Beloslov, D. V. - Special characteristics of the economy of Western Siberia. *Probl. Sev.* no. 18:124-128 '68.
Kanyshov, V. - Making of young scholars of the U. S. S. R. *Vop. ekon.* no. 12:130-141 D '68.

336(581)—Dunbar

Logovskii, Yu. - The Dunbar way. *Nov. vrem.* 26 no. 3:13-14 Ja '68.

336(58)—Africa

Mirzidi, G. - Histories and realities in the East. *Nov. vrem.* 27 no. 1:10-12 Ja '68.
Shalapsky, V. - Causes of the lack of stability in Africa. *Nov. vrem.* 26 no. 20:18-21 D '68.

336(58)—Northwest Africa. Egypt and Sudan

Mirzidi, G. - Bone front in the United Arab Republic. *Nov. vrem.* 26 no. 20:12-14 D '68.

336(58)—Algeria

Pin, Albert. - Algerian horizons. *Nov. vrem.* 27 no. 3:13-14 Ja '68.

336(58)—West and North Central Africa

Komarov, E. - The African economic. *Mir. ekon. i mezhdunar. otn.* no. 12:123-128 '68.

336(71)—Canada

Ponomarev, V. F. - Characteristics of labor supply and the development of industrial centers in northern Canada. *Probl. Sev.* no. 18:217-230 '67.
Ushakov, M. A. - The Canadian North and the problem of its development. *Probl. Sev.* no. 12:242-247 '67.

336(730.1)—Cuba

Belaia, V. - The tenth anniversary of Cuba. *Nov. vrem.* 26 no. 23:8-14 D '68.

336(73)—United States of America

Barabanov, M. - V. I. Lenin on American imperialism. *Mir. ekon. i mezhdunar. otn.* no. 11:15-28 '68.
Chirikov, O. - Export of private capital and its influence on the economy of the exporter country. *Mir. ekon. i mezhdunar. otn.* no. 12:43-53 '68.
Vygodskii, A. - Economic basis of the crisis of capitalism. *Mir. ekon. i mezhdunar. otn.* no. 11:113-118 '68.

336(73)—Cuba

Kuznetsov, V. M. - Criticism on the concept of the role of economists of Cuba on stimulating national production by means of increasing the export of finished products. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad. Poln. ekon.* no. 9:127-129 '68.

336(7)—Columbia

Kozlov, V. - Under the palm trees of Tropical States. *Impressions.* *Nov. vrem.* 27 no. 2:18-20 Ja '68.

336.1 Economics of agriculture. Collective farms. State farms

Brugalskii, L. - Credit and the efficiency of agricultural production. *Plan. khoz.* 48 no. 1:78-84 Ja '68.

Chetkov, D. S. - Electrification in the living conditions of the rural population. *Mosk. truck VTSKHEN* 26 no. 4:463 '67.

Deniaev, V. - Regional aspects of income stabilization in agriculture. *Plan. khoz.* 48 no. 12:123-124 D '68.

Fedichin, V. - Lenin's principles of economic reform and moral incentives in developing agriculture. *Plan. khoz.* 44 no. 12:40-48 '68.

Pedoretsko, M. - Prominent men of science and technology. *Prom. Artn.* 18 no. 8:84-86 '68.

Mironov, A. - Some problems of the specialization and concentration of agricultural production. *Vop. ekon.* no. 12:3-13 D '68.

330.1 (Continued)

Kasatov, L. - Methodological problems of the net income and profitability of agricultural production. *Vop. ekon.* no. 11:14-24 D '68.

Kazulinov, V.P., Khachatryan, A.B. - Origins of socialist government in the area of interkolkhoz cooperation. *Sov. Khol. SKH* 30:11-18 '67.

Lavrent'ev, V. - V.I. Lenin and developing socialism in the U.S.S.R. *Ekon. so'khos* 44 no. 12:18-22 '68. Let us realize the decisions of the October Plenum. *Plan. khos.* 48 no. 12:3-8 D '68.

Lipin, A. - Developing and improving socialist property relations in the U.S.S.R. *Vop. ekon.* no. 12:67-78 D '68.

Miroshin, M. - The experiment raises questions. *Ekon. so'khos* 44 no. 12:60-64 '68.

Practice in the judicial examination of the civil lawsuits of collective farms. *Sov. kuz.* no. 12:8-9 JI '68.

Program for the further upsurge of agriculture. *Ekon. so'khos* 44 no. 12:1-8 '68.

Report meetings on kolkhozes. *Ekon. so'khos* 44 no. 12: 6-11 '68.

Simonenko, G. - Under the new conditions. *Ochr. truda i soc. strukt.* 11 no. 12:13-13 Ja '68.

Tupitsin, P.I. - Impact of the scientific and technological revolution on the socialist countryside. *Vop. Nlos.* no. 12:38-38 '68.

Toshonog, R. - The Lenin agrarian program in operation. *Vop. ekon.* no. 12:89-111 D '68.

330.1(4/8.104) - Capitalist countries of the world

More on absolute rent. *Mir. ekon. i mezhdunar. otn.* no. 11:87-88 '68.

More on absolute rent. *Mir. ekon. i mezhdunar. otn.* no. 12:73-82 '68.

330.1(431) - German Democratic Republic

Karpenko, I. - Improving inter-farm cooperative ties in the agriculture of the German Democratic Republic. *Ekon. so'khos* 44 no. 12:108-119 '68.

Mitsuda, O. - Daily bread. *Sov. zhurn.* 38 no. 53:28-37 D '68.

330.1(433) - Federal Republic of Germany

Bastanovich, A.I. - Struggle of the working peasantry of the Federal Republic of Germany for improving their living conditions. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:96-112 '68.

330.1(471.32) - Karelin A. S. & R.

Aronova, Zh. - A personal file. *Mol. komm.* no. 10:76-80 '68.

330.1(471.323) - Leningrad City

Kiselev, M. - Brief rubric. *Sov. profsoyuz* 34 no. 17: 11-12 '68.

330.1(471.318) - Kaluga Province

Brudin, M. - A former commissar. *Part. zhizn'* no. 11:67-78 M '68.

330.1(471.328) - Belgorod Province

Oboznyi, V. - The landing of direct credit expands. *Den. i krod.* 38 no. 11:47-48 M '68.

330.1(471.61) - Rostov Province

Tolpogin, A., Shumakov, A. - A trip through decedents (continuation). *Mol. komm.* no. 10:33-42 '68.

330.1(471.63) - Stavropol Territory

Activities of rural workers. *Part. zhizn'* no. 11:64 M '68.

330.1(471.6) - White Russian S.S.R.

Savitskiy, A.M. - Changing structure of the personnel of White Russian state farms during the building of socialism. *Vestnik AN BSSR. Ser. hum. nav.* no. 4: 73-76 '68.

Savitskiy, I.M. - Consolidation of the economic foundation of the alliance of workers and peasants in White Russia. 1936-1938 '68.

330.1(471) - Ukrainian S.S.R.

Kruglik, R. - Economists of Polgorod-Dnestrovskiy district. *Ekon. so'khos* 44 no. 12:103-107 '68.

Tur, V. - Triumph of Lenin's cooperative plan. *Kommunist* 48 no. 12:3-3 '68.

330.1(471.18) - Altai Territory

Kharokhko, M. - Effect of credit on kolkhoz economy. *Den. i krod.* 38 no. 11:40-48 M '68.

330.1(474) - Kazakh S.S.R.

Ivanukin, A.A. - Role of workers in the socialist transformation of Kazakhstan's agriculture. 1938-1938. *Vop. sci.* no. 11:40-44 M '68.

330.1(475) - Central Asia

Theoretical, A. - In the methods of Economics of Central Asia. *Ekon. so'khos* 44 no. 12:117-128 '68.

330.1(475.1) - Uzbek S.S.R.

Malikov, K. - Capital investments and increasing the water supply to the irrigated lands. *Ekon. so'khos* 44 no. 12:88-89 '68.

330.1(477) - Equatorial, South Central and East Africa

M'he, J.U.V. - British state monopoly capitalism in the agriculture of Kenya. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:118-122 '68.

330.4 Forms of production. Distribution of industry [Economics of industry] *Ros. zhurn. prom.* no. 11-12 M-D '68.

Koffe, M.V. - Methods used for calculating coefficients of labor complexity in the industry of the U.S.S.R. *Uch. zap. po stat.* 13:123-142 '67.

330.4(177) - Underdeveloped and underdeveloped areas

Vetis, G.M. - Development of state sector in the economy of the liberated countries. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:107-108 '68.

330.4(471.1) - Northern R.S.F.S.R.

Gerasim, G.I. - Problems concerning the specialization and general economic development of the European North of the U.S.S.R. *Probl. Sev.* no. 12:6-17 '67.

330.4(471.31) - Murmansk Province

Frolov, L.L. - Regional specialization in Murmansk Province. *Probl. Sev.* no. 12:18-28 '67.

330.4(471.6) - Northern Caucasus

Rusakov, I.A. - Problems of regional planning for production. *Plan. khos.* 48 no. 12:34-39 D '68.

330.4(48) - Scandinavia

Karpov, I.M., Lobacheva, S.L., Sokolov, M.M. - Changes in the development and distribution of productive forces in the circumpolar areas of Norway, Sweden, and Finland after the Second World War. *Probl. Sev.* no. 12: 121-141 '67.

330.4(486) - European communist countries as a group

Savitskiy, L. - Technological progress and the structure of industrial production in the Communist countries. *Vop. ekon.* no. 12:112-121 D '68.

Savitskiy, V.V. - Method of comparing the levels of labor productivity in the industry of member countries of the Council for Mutual Economic Assistance. *Uch. zap. po stat.* 13:150-155 '67.

330.4(500) - Turkey

Gordashov, R.S., Anan'ev, A. - Characteristics and prospects of developing state sector in Turkey. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:105-115 '68.

330.5 Price and value. Cost

Antropov, R.P. - Corroborating a method for planning the economic efficiency of wholesale prices for - glassware. *Vestnik AN BSSR. Ser. hum. nav.* no. 4: 87-92 '68.

Chail, V.L., Sharova, M.M. - Dependence of the production costs on the degree of the utilization of the capacity of a plant. *Vop. ekon.* no. 9:41-46 '67.

Korovin, S.I.A. - Price of explored mineral resources. *Sov. geol.* 11 no. 10:88-103 O '68.

Kirillov, A.I. - Methodology of determining foreign trade prices for machinery and equipment. *BIK (Prifozh)* no. 11:3-30 '68.

Lovik, M., Tsvetkov, L., Kravtchenko, L. - Correlation analysis of the cost of eggs. *Ekon. so'khos* 44 no. 12:80-85 '68.

Lisov, A.N., Dobrynskiy, V.G. - Effect of new price structure in the cotton industry. *Tekhnika* 14 no. 8:11 9-10 '68.

Mikhailovskiy, A., Mikulin, S., Egor, R. - Evolution of marginalism: bourgeois theories of cost and value. *Vop. ekon.* no. 12:67-86 D '68.

Shanbo, D.I., Lashkyl, V.B. - Technical and economic evaluation of the effectiveness of replacing bronze slide bearings with austenite-manganese cast iron bearings in excavators. *Trudy Tadzh. nauch. inst.* 19:40-43 '68.

Sedukhin, S.P. - Method of establishing the cost of new large machinery at the early stages of designing. *Ekon. i organ. prom. proizvod.* no. 3:88-100 '68.

Yakov, S. - Hypothesis of economists in the U.S.S.R. and the Democratic Republic of Germany. *Vop. ekon.* no. 12:147-148 D '68.

330.5(476) - White Russian S.S.R.

Sikharuk, A.M., Mareskaya, T.A. - Some problems in the regulation of prices for consumer goods in the White Russian S.S.R. *Vestnik AN BSSR. Ser. hum. nav.* no. 4:48-55 '68.

330.5(477) - Ukrainian S.S.R.

Chernovskiy, V.L. - Correlative analysis of the cost of precision casting. *Ekon. i organ. prom. proizvod.* no. 3: 100-108 '68.

330.6 Organization of production

330.6(433) - Federal Republic of Germany

Savitskiy, M.L. - Monopoly groupings of the Federal Republic of Germany at the present stage. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:118-122 '68.

330.6(476) - White Russian S.S.R.

Mikhailova-Savitskiy, I.A. - Export factor in the economic development of White Russia. *Vestnik AN BSSR. Ser. hum. nav.* no. 4:41-47 '68.

330.6(77) - United States of America

Ivanov, L. - "Big business" of the U.S.A. in 1967. *Mir. ekon. i mezhdunar. otn.* no. 11:41-153 '68.

330.6 Factors of production. Form of economy, etc.

Baksteyev, S.I. - Refining the methods for determining the effectiveness of the industrialization of construction work. *Stroitel. 12* no. 3:7-9 Mir '68.

Barenov, V.P. - Industrialization of the assembly of oil-field terminal-pressure pumping plants. *Stroitel. 12* no. 3:17-24 Mir '68.

Chernyshevskiy, V. - Methods of accounting for economic efficiency. *Plan. khos.* 48 no. 12:32-37 Ja '68.

Folomeev, A.A. - Economizing steel in the production of reinforced concrete. *Mash. stroit.* 23 no. 6:26-27 Ja '68.

Gromov, E. - Economic role of the sphere of services. *Mir. ekon. i mezhdunar. otn.* no. 11:74-86 '68.

Kasakov, P. - Applying the methods of industrialization. *Moskva* 13 no. 12:13-14 D '68.

More attention should be given to the fulfillment of the Plan. *Stroitel. 12* no. 12:3-4 D '68.

Romanov, R.S. - Quality of the timber production and economic indicators. *Lov. prom.* 38 no. 5:123 Ag '68.

Savitskiy, V.V. - Means of production and industrial science. *Uch. zap. Kaf. on.* 103:86-93 '68.

Savitskiy, V.V. - Reverse influence of society on the development of industrial science. *Uch. zap. Kaf. on.* 103:94-103 '68.

Struggle for the industrialization of the U.S.S.R. *Vop. sci.* no. 11:114-126 M '68.

Tsygankov, I.L. - Economic indices of a mechanized molding of pre-cast reinforced concrete products. *Mash. stroit.* 23 no. 6:17-19 Ja '68.

Zashega, A.G. - Contradictions of the dynamics of the capital yield index and its quantitative model. *Plan. i organ. prom. proizvod.* no. 3:48-50 '68.

Zashega, A.G. - Technological progress and the efficiency of social production. *Ekon. i organ. prom. proizvod.* no. 3:60-64 '68.

330.6 Capital. Labor. Raw materials. Natural energy

Lipitskiy, V.Ye. - Economic substantiation of the category of "fixed assets." *Vestnik AN BSSR. Ser. hum. nav.* no. 4: 34-40 '68.

330.67 Economic fluctuations, cycles, crises, etc.

330.97(73) - United States of America

Ivanov, S.L. - Reproduction of durable consumer's goods and industrial cycles in the U.S.A. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:12-14 '68.

330.98 Economic planning and control

Evdymov, L. - Criterion of optimality and freedom of choosing economic solutions. *Plan. khos.* 48 no. 12: 20-27 D '68.

The five-year plan in operation. *Plan. khos.* 48 no. 1: 2-11 Ja '68.

Dolgov, V.V. - Foundation of the optimum distribution of enterprises. *Lov. prom.* 38 no. 5:121-123 Ag '68.

Gorodilov, A. - Fourth year of the five-year plan. *Agitator* no. 11:4-17 Ja '68.

Krylov, P. - Problems of improving centralized planning. *Plan. khos.* 48 no. 12:9-10 D '68.

Kuznetsov, M. - Operation of enterprises under new economic conditions. *Moskva, ind. MSH.* 38 no. 12:18-17 D '68.

Lobodinskiy, M. - Prospective plans and proposals. *Kommunist* 48 no. 9:39-41 Ja '68.

Lipitskiy, D.A. - Results of economic reform. *Stroitel. mal.* 14 no. 11:7-7 M '68.

Zverev, Z.K. - Documents on the activities of the State Planning Commission in the first years of the New Economic Policy. *Sov. zhizn'* no. 4:34-37 '68.

330.98(477) - Ukrainian S.S.R.

Starovolskiy, L. - Every province should have a comprehensive plan. *Plan. khos.* 48 no. 1:86-88 Ja '68.

330 Distribution, consumption of wealth or goods, standard of living, etc.

Maslovskiy, V. - National economic optimum and planning for the structure of consumption. *Plan. khos.* 48 no. 1: 21-31 Ja '68.

Polakshchikov, A. - Lenin's ideas on the welfare of the people are being realized. *Sov. tovg.* 42 no. 12:2-3 D '68.

Shklyan, G.S. - Workers' real incomes and methods of determining them. *Uch. zap. po stat.* 13:143-150 '67.

What our country does for the people and the people for our country: facts and figures. *Agitator* no. 1:36-39 Ja '68.

330.98(477.3) - Bulgaria

Lazarov, Khol. - Balance of the monetary income and expenditures of the population and its use in national economic planning. *Den. i krod.* 38 no. 11:40-53 M '68.

330.98(73) - United States of America

Ivanov, S.L. - Reproduction of durable consumer's goods and industrial cycles in the U.S.A. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr.* no. 9:12-14 '68.

Petrov, I.U. - "The U.S.A.: the anatomy of poverty." *Sov. profsoyuz* 34 no. 3:39-40 O '68.

330.98 Conservation of wealth and natural resources

Korlov, M. - Man on earth. *Kommunist* 48 no. 9:86-88 Ja '68.

339, 3(871.15)—A.Mai Territory
Georgiev, A. - Mines in the primary sector of material wealth. *Kommunist* 43 no. 9-10-58 26 '58.

34 JURISPRUDENCE. LAW. LEGISLATION

Gracheva, V.A. - A conference on the codification and systematization of legislative enactments. *Sov. gos. i pravo* no. 11:144-148 N '58.
New legal literature published in July-August 1958 in the U.S.S.R. *Sov. gos. i pravo* no. 11:161-168 N '58.
Palastini, R. - The councils of consulting lawyers after the economic reform. *Sov. iust.* no. 12:22-23 JI '58.
A raiders' conference at a province court. *Sov. iust.* no. 15:39 Ag '58.
Dobrotin, P.M. - Legal education in Burma. *Vest. vuz. i shkoly* 24 no. 10:83-96 O '58.
Kamoshenko, I. - Some theoretical and practical problems concerning the systematization of Soviet laws. *Sov. iust.* no. 12:3-5 JI '58.

34(43)—German Democratic Republic
The 24th anniversary of the Academy of Sociopolitical and Legal Sciences of the German Democratic Republic. *Rad. pravo* 31 no. 11:93 N '58.

34(44)—Greece
Danilova, G.M. - Economic and social relations among the bourgeoisie in the 60s and 70s centuries according to their "Law" (Lex Burgensium). *Uch. zap. Penzensk. gos. un.* M no. 6-9-104 '58.

34(45)—Finland
Mishina, A.M., Samoshenko, I.S. - Visiting the lawyers of Finland. *Sov. gos. i pravo* no. 11:148-151 N '58.

34(73)—United States of America
Moshch, V.P. - Bourgeois theories of the internationalization of law in the service of U.S. monopolies. *Sov. gos. i pravo* no. 11:138-143 N '58.

340.6 Forensic medicine and chemistry. Medical jurisprudence
Glebov, V.S. - Evaluation of the quality of recidivism in the practice of forensic psychiatry expertise. *Prak. psichiatrichesk. ekspert.* no. 8:90-97 '58.
Kholodkovskaya, N.M., and others. - Reviews of the state of forensic psychiatry expertise and compulsory treatment in the U.S.S.R. according to reports of psychoneurological institutions for 1950-1951. *Prak. psichiatrichesk. ekspert.* no. 8:88-90 '58.
Kondrat'ev, F.V., Pankasova, G.P., Klyuchinskaya. *Prak. psichiatrichesk. ekspert.* no. 8:44-48 '58.
Krischanko, V., Uralova, A. - We should try to prevent the socially dangerous acts of insane persons. *Sov. iust.* no. 13:13-15 Ag '58.
Shchegolev, M.K. - Subsequent diagnosis of schizophrenia in deeply psychopathic persons declared irresponsibly according to criminological materials. *Prak. psichiatrichesk. ekspert.* no. 8:23-28 '58.

340.95 Tides. Laws and actions
She is not guilty! *Sov. iust.* no. 13:23-25 Ag '58.

340.96(477)—Ukrainian S.S.R.
Decisions of the Supreme Court of the Ukrainian S.S.R. *Rad. pravo* 31 no. 11:100-103 N '58.

340.96(485)—Greece
Mikroy, M. - Stop the terror in Greece! *Nov. vrem.* 26 no. 43 17-18 N '58.

340 International law
Orlov, V.S., Kolosov, N.M. - Legal regulation of liability in international air law. *Sov. gos. i pravo* no. 11:23-29 N '58.
Moshch, V.P. - Bourgeois theories of the internationalization of law in the service of U.S. monopolies. *Sov. gos. i pravo* no. 11:138-143 N '58.

341.1 World organization. Regional unions, etc.
Aleksandrov, K.I. - Legal regulation of the activity of shipping conferences. *Trudy TSUIMF* 14 no. 80:3-19 '58.
Varnakovich, V., Zaitsev, N. - Space research in an international context. *Nov. vrem.* 27 no. 134-13 Ja '58.

341.14)—Europe
Isakova, A. - Imperialism and the Eastern European states, history of the Little Entente. *Nov. vrem.* 26 no. 43:13-14 N '58.

341.123 United Nations

Aleksandrov, G. - Mercy must not be bestowed upon the Nazi criminals. *Nov. vrem.* 26 no. 56:21-22 D '58.
Disarmament is a concrete demand. *Nov. vrem.* 26 no. 56:3-4 D '58.
Podolskiy, E. - The U.M. and the economy of young states. *Mir. ekonom. i mezhdunar. otn.* no. 23 23-27 '58.
An urgent (1958) commentary. *Nov. vrem.* 27 no. 4: 4-6 Ja '58.

341.2 International relations and treaties
Alekshin, V.V. - Agreement on the return and return of the economic and space objects. *Sov. gos. i pravo* no. 11:123-127 N '58.
Kishakov, V. - Around an important problem. *Mir. ekonom. i mezhdunar. otn.* no. 23:4-6 '58.
Kishakov, V. - Issues of our alliance; 25th anniversary of the Soviet-Czechoslovak Treaty. *Nov. vrem.* 26 no. 56:3-4 D '58.
Muller, H. - The atom and NATO partnership and contradictions. *Mir. ekonom. i mezhdunar. otn.* no. 23:1-5 '58.

341.24(73.104)—Capitalist countries of the world

Letting, L. - A new combination within NATO? *Nov. vrem.* 27 no. 3:17-18 Jan. '58.
Krasnov, D. - NATO is an instrument of diversion and revolution. *Kommunist* 45 no. 14:90-93 8 '58.
Krasnov, V. - China and NATO. *Nov. vrem.* 27 no. 3: 22 Jan. '58.
Krasnov, V. - Mobilization of tensions. *Nov. vrem.* 26 no. 43:8-11 N '58.

341.24(73.104)—European capitalist countries
Let us liquidate the methods of war! *Nov. vrem.* 27 no. 3:3-5 Ja '58.

341.24(73.104)—Czechoslovakia
Krasnov, V. - Issues of our alliance; 25th anniversary of the Soviet-Czechoslovak Treaty. *Nov. vrem.* 26 no. 56:3-4 D '58.

341.24(73.104)—Spain
Odozhnikov, V. - (1958) information note. *Nov. vrem.* 27 no. 4:24-25 Ja '58.
Krasnov, M. - Bargaining over bases in Spain. *Nov. vrem.* 26 no. 43:23-24 N '58.

341.24(73.104)—India
Three years of the Tashkent Declaration. *Nov. vrem.* 27 no. 3:7 Jan. '58.

341.24(73.104)—Pakistan
Three years of the Tashkent Declaration. *Nov. vrem.* 27 no. 3:7 Jan. '58.

341.24(73.104)—Morocco and Northwest African territories
Odozhnikov, V. - (1958) information note. *Nov. vrem.* 27 no. 4:24-25 Ja '58.

341.7 Diplomatic and consular law
Krasov, L.M., Koleskin, A.L. - Immunity of government merchant ships. *Trudy TSUIMF* 14 no. 85:16-40 '58.

342 Public law. Constitutional law

342(476)—White Russian S.S.R.
Krasovskiy, U.A. - All-White Russian congresses of the Soviets in the system of White Russian governmental organs during the building of socialism. *Vestnik AN BSSR. Ser. iust. nauk.* no. 4:18-22 '58.

342.24 Federalism

Krasovskiy, U.A. - Development of federative relations between White Russia and the R.S.F.S.R. before the establishment of the U.S.S.R. *Vestnik AN BSSR. Ser. iust. nauk.* no. 4:15-14 '58.
Mafiz, M.A. - Federative principles in the governmental structure of the U.S.S.R. *Sov. gos. i pravo* no. 11:20-44 N '58.

342.7 Civil rights
International year of human rights. *Sov. iust.* no. 12:1-2 JI '58.

342.7(476.104)—Capitalist countries of the world
International year of human rights. *Sov. iust.* no. 12:1-2 JI '58.
Krasovskiy, M. - For peace and justice in international affairs. *Zhurn. Mosk. Peir.* no. 10:46-57 '58.

342.7(41)—United Kingdom and Northern Ireland
Isakov, R. - A white colony in England. *Nov. vrem.* 27 no. 2:22-24 Jan. '58.

342.7(88)—Southern Africa (including Rhodesia)
Verheide, L. - Apartheid is a tool for the oppression and humiliation of the individual. *Rad. pravo* 31 no. 11:95-98 N '58.

342 Criminal law

Alekshin, H. - Special problems in the determination of criminal offenses relating to produce trade. *Rad. pravo* 31 no. 11:78-79 N '58.
Alekshin, H. - Determination of aggravated rape. *Sov. iust.* no. 14:8-9 Ag '58.
Bakhtov, A., Danilov, N. - Subjective aspects of subordination. *Sov. iust.* no. 13:5 Ag '58.
Decision of the Presidium of the Supreme Soviet of the U.S.S.R. of May 14, 1958. *Sov. iust.* no. 13:5 JI '58.
Krasov, A. - Determination of premeditated murder. *Sov. iust.* no. 12:12-15 JI '58.
Larshenko, L. - Operation "state" (to be considered). *Sov. iust.* no. 12:38 JI '58.
Krasov, V. - Rules governing the imposition of suspended sentences. *Rad. pravo* 31 no. 11:45-48 N '58.

Trofimov, S. - We should amend the list of prohibited trades. *Rad. pravo* 31 no. 11:74-75 N '58.
Krasov, H. - Conditions which contribute to pilfering in public food serving establishments. *Rad. pravo* 31 no. 11:34-35 N '58.

342(48)—Italy
Kolosov, Leonid. - Law of the Lupaia (to be considered). *Nov. vrem.* 26 no. 46:27-29 N '58.

342(476)—White Russian S.S.R.
Krasovskiy, U.A. - Development of democratic principles in the criminal laws of the White Russian S.S.R. *Vestnik AN BSSR. Ser. iust. nauk.* no. 4:27-34 '58.

342(477)—Ukrainian S.S.R.
Krasovskiy, L. - Implementation of Article 87 of the criminal code of the Ukrainian S.S.R. *Rad. pravo* 31 no. 11:79-83 N '58.

342(73)—United States of America
Krasovskiy, L. - Criminal procedure of the U.S.A. *Sov. iust.* no. 12:28-31 JI '58.
V.B. - O tempora, o mores! *Nov. vrem.* 26 no. 43:8 D '58.

342.1 Criminal procedure

Krasov, V. - Rules governing the imposition of suspended sentences. *Rad. pravo* 31 no. 11:48-49 N '58.
Krasovskiy, T.G. - Discussing the problem of judicial errors. *Sov. gos. i pravo* no. 11:148-149 N '58.
Mikroy, M. - How public prosecutors prepare for examination of lawsuits in the courts of second instance. *Rad. pravo* 31 no. 11:77-80 N '58.

342.2 Penal law and penalties

Alekshin, G. - Mercy must not be bestowed upon the Nazi criminals. *Nov. vrem.* 26 no. 56:21-22 D '58.
Orlov, L. - Problem of release on parole. *Rad. pravo* 31 no. 11:70-74 N '58.
Krasovskiy, M.D. - System of penalties and their effectiveness. *Sov. gos. i pravo* no. 11:63-61 N '58.

342.2(14)—Philippines (Republic)
Krasov, William. - Political struggles in the Philippines. *Nov. vrem.* 26 no. 50:16-17 D '58.
Recent legislative enactments. *Rad. pravo* 31 no. 11:104-107 N '58.

342.284 Rehabilitation of criminals

Prishchik, K. - For a better supervision over the rehabilitation of juvenile delinquents released on suspended sentences. *Sov. iust.* no. 14:20-21 Ag '58.

342.8 Penology. Crime prevention and deterrence

Krasovskiy, V., Uralova, A. - We should try to prevent the socially dangerous acts of insane persons. *Sov. iust.* no. 13:13-15 Ag '58.
Vilov, M.L. - Individual approach in educational work. *Vop. psichiat.* 14 no. 4:123-124 JI-Ag '58.

342.818 Juvenile delinquency

Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of May 8, 1958. *Sov. iust.* no. 13:24 JI '58.
Krasov, A. - An important objective of courts. *Sov. iust.* no. 13:24-25 JI '58.
Prishchik, K. - For a better supervision over the rehabilitation of juvenile delinquents released on suspended sentences. *Sov. iust.* no. 14:20-21 Ag '58.

342.877 Criminal jurisprudence

Krasovskiy, V. - The use of scientific and technical means in the reproduction of the situation and the reconstruction of a criminal offense. *Rad. pravo* 31 no. 11:30-34 N '58.
Nikulin, A. - Some problems arising in the process of a criminal expertise. *Sov. iust.* no. 14:20 JI '58.

347 Private law. Civil law

Chapiga, T. - Ways of the acceptance of inherited property. *Sov. iust.* no. 14:14-15 Ag '58.
Krasovskiy, T. - Practice in the judicial examination of cases concerning property rights to be inherited. *Sov. iust.* no. 14:10-11 JI '58.
Krasovskiy, K. - Effective guidance of inheritance organizations as a province of civil law. *Rad. pravo* 31 no. 11:77-81 N '58.
Rott, A.V. - Legal coordination. *Vrach. delo* no. 7:127 JI '58.

Krasovskiy, E. - Legal protection of the property rights of industrial enterprises. *Sov. iust.* no. 12:4-7 JI '58.

347(778.4)—Turkmen S.S.R.

Krasov, G.A. - Some problems of amending the law which regulate matrimonial property rights in the Turkmen S.S.R. *Izv. AN Turk. SSR. Ser. obshchestv. nauk.* no. 80-84 '58.

347.284 Housing law. Housing problems

Krasov, P. - Violating the owners of houses subject to demolition. *Rad. pravo* 31 no. 11:39-42 N '58.

347.354(375.4)—Turkmen S.S.R.
Partev, M. - The house was built in the Kara Kum.
Sov. profsoyuz 24 no.17:25 B '88.

347.4 Bonds. Contracts. Agreements
Prakhov, B. - Contractual form of the introduction of
scientific and technological studies into the work of
industrial enterprises. Rad. pravo 31 no.11:82-84
M '88.
Trebakinski, I.A. - Some problems concerning liability
for the execution of contracts for the delivery and
transportation of goods. Sov. iust. no.10:10-11 Ag '88.

347.51 Legal liability
Answering our readers' questions. Sov. iust. no.18:
31 Ag '88.
Bakhtakh, D.M. - Liability of governmental agencies for
losses caused to the people by the action of their officials
and employees. Sov. gos. i pravo no.11:19-20 M '88.
Orlov, V.B., Kolosov, I.U. - Legal regulation of
liability in international air law. Sov. gos. i pravo
no.11:82-90 M '88.
Kislov, K., Filippov, K. - Examination of cases con-
cerning compensation for damages in comrades courts.
Sov. iust. no.12:18-19 JI '88.
Mikhailov, A. - Liability for work injuries. Rad. pravo
31 no.11:42-48 M '88.

347.5 Family law. Hereditary law
Concerns for the people's welfare. Part. zhizn' no.13:
2-7 JI '88.

347.7 Commercial law
Decisions of arbitration agencies. Sov. iust. no.18:23
Ag '88.
Petrov, I.M. - Legal regulation of the length of guaranty
for the quality of delivered goods. Sov. gos. i pravo
no.11:80-84 M '88.
Trebakinski, I.A. - Some problems concerning liability
for the execution of contracts for the delivery and
transportation of goods. Sov. iust. no.10:10-11 Ag '88.

347.77 Patent and trademark rights, etc.
Aleksandrov, I.V., Badykov, G.B. - Notice on patent search
which is to be attached to the application. Vop. isobr.
no.11:48 M '88.
Pechnikov, S.M. - Features of an invention. Vop. isobr.
no.11:8-10 M '88.
Petrov, V. - License trading. WTO 10 no.11:87 M '88.
Margulis, I.I. - Utilization of the production develop-
ment fund for implementing inventions and efficiency
improvements. Vop. isobr. no.11:49-50 M '88.
Polovets, A. - To avoid investing what is already invested.
Mefizisk 12 no.10:30-31 O '88.
Solov'ev, V.A. - Legal protection of domestic inventions
in the socialist countries. Vop. isobr. no.11:11-12
M '88.

347.77(428)—Federal Republic of Germany
Rogge, A. - Introduction of protection of chemical
substances in the Federal Republic of Germany. Vop.
isobr. no.11:12-17 M '88.

347.77(48)—Scandinavia
Matveev, G.A. - Reform of patent legislation in the
Scandinavian countries. Vop. isobr. no.11:26-31 M '88.

347.79 Maritime law. Shipping, navigation law
Aleksandrova, K.L. - Legal regulation of the activity of
shipping conferences. Trudy TSNIMF 14 no.06:3-
19 '88.
Korov, L.M., Kolesova, A.L. - Immunity of government
merchant ships. Trudy TSNIMF 14 no.06:30-48 '88.

347.79(44)—France
Kislov, K.F. - Legal nature of airfreight contracts
in French maritime law. Trudy TSNIMF 14 no.06:
41-48 '88.

347.8 Procedure. Judiciary personnel organization, courts
Aleksandrov, S. - Protecting the rights of the injured
party as well as the defendant in the examination of
a claim for damages presented in the course of
criminal proceedings. Sov. iust. no.12:18-19 JI '88.
[Bulletin of the Supreme Court of the U.S.S.R.] Risl.
Verkh. Suda RSFSR no.12 '88; no.1 '89.
A conference of the regular expert witnesses of
Russian courts. Sov. iust. no.18:23 Ag '88.
Orlov, A. - Preparatory part of a court session. Sov. iust.
no.12:30-31 JI '88.
Kandiyeva, T. - Practice in the judicial examination
of cases concerning property rights to buildings.
Sov. iust. no.12:10-11 JI '88.
Kislov, K., Filippov, K. - Examination of cases con-
cerning compensation for damages in comrades courts.
Sov. iust. no.12:18-19 JI '88.
Legal advice. Rad. pravo 31 no.11:84-88 M '88.
Let us develop cooperation between courts and public
prosecutors in the examination of civil lawsuits.
Sov. iust. no.18:1-2 Ag '88.
Mokritin, S. - Scientific organization of the courts work.
Sov. iust. no.18:13-18 Ag '88.
Bakhtakh, I. - A lawyer's unwavering adherence to his
duty. Sov. iust. no.12:27 JI '88.

347.8(471)—Russian Soviet Federated Socialist
Republic (R.S.F.S.R.)
Practice in the judicial examination of the civil lawsuits
of collective farms. Sov. iust. no.12:2-3 JI '88.

347.8(477)—Ukrainian S.S.R.
Decisions of the Supreme Court of the Ukrainian S.S.R.
Rad. pravo 31 no.11:100-103 M '88.

347.8(480)—Finland
Mishutina, A.M., Bannoshechenko, I.B. - Visiting the law-
yers of Finland. Sov. gos. i pravo no.11:148-151
M '88.

347.8(73)—United States of America
Mikhailovskaya, I. - Criminal procedure of the U.S.A.
Sov. iust. no.12:29-31 JI '88.

347.91 Civil procedure
Chapiga, Y. - Ways of the acceptance of inherited
property. Sov. iust. no.18:14-15 Ag '88.

347.961 Minutes
Frid, M. - Shortcomings in the notarial practice of the
executive committees of the local soviets of workers'
deputies. Rad. pravo 31 no.11:84-88 M '88.

347.982 Judges. Court personnel
A conference of the regular expert witnesses of
Russian courts. Sov. iust. no.18:23 Ag '88.
Yudin, O. - Value in man. Sov. iust. no.10:11-12 Ag '88.

347.983 Public prosecutor
Let us develop cooperation between courts and public
prosecutors in the examination of civil lawsuits.
Sov. iust. no.18:1-2 Ag '88.
Skoryk, M. - How public prosecutors prepare for ex-
amination of lawsuits in the courts of second instance.
Rad. pravo 31 no.11:87-90 M '88.

347.983(477)—Ukrainian S.S.R.
Public prosecutors supervise the observance of laws.
Rad. pravo 31 no.11:84 M '88.

347.988 Attorneys at law, defense counsel
Polak, A. - At a symposium in Moscow. Sov. iust. no.18:
22-23 Ag '88.

347.988 Arbitration
Decisions of arbitration agencies. Sov. iust. no.18:23
Ag '88.

35 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW
Answering our readers' questions. Sov. iust. no.18:
31-32 JI '88.
Kharlamov, O. - Ensuring a strict observance of laws
by the organs of local government in the examination
of civil law problems. Rad. pravo 31 no.11:80-83
M '88.
Lisov, A.M. - The role of law in administration. Sov.
gos. i pravo no.11:71-79 M '88.

35.07 Administrative and governing bodies
Kazantsev, V.P., Khachaturian, A.B. - Organs of self-
government in the area of interethnic cooperation.
Izv. Khr. SSKH 30:11-19 '87.
Lisov, A.M. - Rights of governmental organs; their
rights and obligations of their legal capacity? Sov. gos.
i pravo no.11:27-28 M '88.
Pechnikov, I. - Socialist principles of handling workers'
letters. Kommunist 48 no.13:77-83 S '88.
Mishin, M.A. - Federative principles in the governmental
structure of the U.S.S.R. Sov. gos. i pravo no.11:24-
44 M '88.

35.07(478)—White Russian S.S.R.
Varshavskiy, V. - Let us treat people with consideration.
Part. zhizn' no.21:40-42 M '88.

35.08 Public servants and personnel
Bakhtakh, D.M. - Liability of governmental agencies (or
losses caused to the people by the action of their officials
and employees. Sov. gos. i pravo no.11:19-20 M '88.

35.08(437)—Czechoslovakia
People and events: The Czechoslovak Government.
Otkryt' Gruzii Jan Marko Jan Rajchek, and others.
Nov. vrem. 27 no.3:28-30 Jan. '89.

35.08(438)—Poland
People and events: Stefan Jadrzykowski; Carlos Pena
Romulo. Nov. vrem. 27 no.4:12 Ja '89.

35.08(44)—France
People and events: Roger Seydoux de Chabonne. Nov.
vrem. 27 no.1:8 Ja '88.

35.08(497.3)—South Vietnam
People and events: Tran-ban-Kien; Jean-Marie Kone.
Nov. vrem. 24 no.8:51 D '88.

35.08(57)—Soviet Union, South Central and
East Africa
People and events: Francisco Macias Nguema. Nov. vrem.
28 no.4:190 M '89.
People and events: Raphael Lukoko. Nov. vrem. 28
no.5:31 D '88.

35.08(73)—United States of America
People and events: President Richard Nixon's cabinet;
William P. Rogers, Melvin R. Laird; David M. Kennedy;
and others. Nov. vrem. 27 no.3:13-14 Ja '89.

35.08(814)—Philippines (Republic)
People and events: Stefan Jadrzykowski; Carlos Pena
Romulo. Nov. vrem. 27 no.4:12 Ja '89.

351 Government legislation. Public services. Control. Regu-
lation
Answering our readers' questions. Sov. iust. no.12:11-22
JI '88.
[Bulletin of the Supreme Soviet of the U.S.S.R.] Ved.
Verkh. Sov. RSFSR 23 no.4-8 Ja-Y '88.

351(471)—Russian Soviet Federated Socialist
Republic (R.S.F.S.R.)
[Bulletin of the Supreme Soviet of the U.S.S.R.] Ved.
Verkh. Sov. RSFSR 13 nos.2-8 Ja-Y '88.

351(471, 310)—Moscow City
[Bulletin of the Moscow Executive Committee] Dirl.
Ispol. kom. Mosk. gor. sov. no.18-19 Ag-S '88.

351.74 Police, civil guard, political police, state secret police, etc.
351.74(477)—Ukrainian S.S.R.
Barkalova, H. - For exemplary public order. Rad.
pravo 31 no.11:83-84 M '88.

351.74(375.4)—Turkmen S.S.R.
Ivanenko, I.G. - Organization of special agencies for
the struggle against the counterrevolution and the
protection of law and order in Turkmenistan. 10/7-1988.
Izv. AM Turk. SSR, obshchestv. nauk no.140-15 '88.

351.75 Public order. Security. Control. Community
351.75(477)—Ukrainian S.S.R.
Barkalova, H. - For exemplary public order. Rad.
pravo 31 no.11:83-84 M '88.

351.77 Public health. Food. Housing, etc.
351.77(471, 810)—Moscow City
Kondratyuk, R.I. - Automated accounting system for the
customers of the Main Administration of Housing in Mos-
cow. Gor. khov. Mosk. 48 no.1:34-38 Ja '88.

351.81 Communications. Traffic. Transport
Kocherzhenko, V.D. - Development of pharmacy in rail-
way transportation during the years of Soviet power
(1917-1987). Farmakola 17 no.4:7-11 JI-Ag '88.
Layrov, I.U. - Urgent problems of economic highway
surveys. Avt. dor. 21 no.10:3-10 O '88.

351.81(471, 318)—Tula Province
Malanadov, V.V. - Studying the transportation pattern
of workers in Tula and Ryzan. Gor. khov. Mosk. 48
no.2:34-38 F '88.

351.81(478, 35)—Armenian S.S.R.
Malanadov, V.V. - Studying the transportation pattern
of workers in Tula and Ryzan. Gor. khov. Mosk. 48
no.2:34-38 F '88.

351.81(471, 14)—Novosibirsk Province
Dorokhov, V.I., Ovodova, I.A. - Calculating
passenger transportation patterns intended to serve cul-
tural and public needs. Gor. khov. Mosk. 48 no.2:36-
38 F '88.

351.88 Economic legislation and control, agriculture, trade and
industry
Dmitriyevskiy, V.M. - Appropriation of the acts of local
self-government. Sov. gos. i pravo no.11:120-124
M '88.
Gillik, I.A. - Legal rules governing the work of the
industrial enterprises of consumer's cooperatives.
Sov. gos. i pravo no.11:84-88 M '88.
Hrydasov, D. - Local soviets and the economic reform.
Rad. pravo 31 no.11:3-7 M '88.
Hrydasov, M. - Tracts of land assigned to populated
places in rural areas. Rad. pravo 31 no.11:68-68
M '88.
Mishin, V.A., Faddoeva, T.A. - Economic reform and
the legal situation of a shipping enterprise. Trudy
TSNIMF 14 no.05:61-75 '88.
Mishin, I.U. - Basic principles of agricultural laws.
Agitator no.1:33-35 Ja '88.
Palastina, S. - The councils of consulting lawyers after
the economic reform. Sov. iust. no.12:22-23 JI '88.
Pilyuykova, K. - Effective guidance of interethnic
organizations as a province of civil law. Rad. pravo
31 no.11:57-61 M '88.
Pyndeev, M. - We should amend the laws which
regulate the utilization of generally used minerals.
Sov. iust. no.14:6-7 Ag '88.
Tsoflov, S. - We should amend the list of prohibited
trades. Rad. pravo 31 no.11:74-78 M '88.

351.52 (Continued)

Tytova, N. - Some problems in the legal protection of the tracks of land. *Rad. pravo* 31 no. 11:42-53 M '68.
Zimangul, Z. - Legal protection of the property rights of industrial enterprises. *Sov. iust.* no. 11:4-7 JI '68.

351.53 Labor legislation and control

Koryst, A. I. - Legal regulation of protection against ionizing radiation. *Sov. gos. i pravo* no. 11:102-108 M '68.
Matsigora, M. - Scientific organization of labor and the law. *Otkrytye truda i sots. strukt.* 12 no. 1:34-35 Ja '69.
Ostrik, L. A. - Requirements of the time. *Sov. shkola* 18 no. 10:22 O '68.
Tolkunova, V. M. - Differentiation of the legal regulation of women's employment. *Sov. gos. i pravo* no. 11:45-53 M '68.
Zaslavskiy, M. Ryzhikova, E. Khorosha, L. - For a correct implementation of labor laws. *Sov. iust.* no. 13:14-15 JI '68.
Zakorskii, M. M. - Labor under the protection of law on the 50th anniversary of the adoption of the labor code. *Mezhdunar. 13* no. 11:1-2 D '68.

351.53(477)—Ukrainian S. S. R.

Public prosecutors supervise the observance of laws. *Rad. pravo* 31 no. 11:154 M '68.

351.53(73)—Mexico

Larshenko, V. - Violation of the workers' rights and the arbitrary acts of their employers in Mexico. *Sov. iust.* no. 13:25-27 Ag '68.

351.55 Public education, enlightenment and culture. Encouragement of science and the arts, etc.

Before new tasks. *Part. shkola* 28 no. 13:16-17 JI '68.
Men of science and culture on archives. *Sov. arkh.* no. 4: 10-15 '68.
Ten days in Bulgaria. *Vop. shkol.* no. 12:148-161 D '68.
Tsyglin, A. - Some characteristics of the organization of work and economic security of writers, composers, and artists. *Sov. iust.* no. 15:10-17 Ag '68.

351.55(47.104)—Capitalist countries of the world

Melitskiy, G. - Social costs of scientific and technical revolution under capitalism. *Mir, shkol. i mezhdunar. otn.* no. 12:12-14 '68.

351.55(433)—Federal Republic of Germany

Kholodkov, V. M. - State monopoly capitalism and the development of science in the Federal Republic of Germany. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Len.* Polk. shkol. no. 8:78-88 '68.

351.55(404)—European communist countries as a group

Rishkov, E., Grishanov, O. - Problems of science management. *Vop. shkol.* no. 12:135-138 D '68.

351.57 Administration of justice

Krikov, M. - Party organization of the Soviet courts and a strict observance of laws. *Sov. iust.* no. 15: 3-4 Ag '68.
Rylov, A. - Present-day problems of a strict observance of socialist laws. *Rad. pravo* 31 no. 11:65-78 M '68.

351.59 Supervision, control of public administration

351.59(477)—Ukrainian S. S. R.

Pennakho, M. - Advisers, assistants, and controllers... *Sov. proshchery* 24 no. 2:134 O '68.

351.6 Local government, municipal administration

Dorokhova, G. A. - Legal status of enterprise directors. *Sov. gos. i pravo* no. 11:128-133 M '68.
Fyld, M. - Shortcomings in the notarial practice of the executive committees of the local soviets of workers' deputies. *Rad. pravo* 31 no. 11:64-68 M '68.
Ilyukhin, D. - Local soviets and the economic reform. *Rad. pravo* 31 no. 11:3-7 M '68.
Korotkiy, M. I. - Differentiation of the rights and duties of local soviets and their executive committees. *Sov. gos. i pravo* no. 11:98-101 M '68.
Kudryavtsev, O. - Ensuring a strict observance of laws by the organs of local government in the examination of civil law problems. *Rad. pravo* 31 no. 11:20-23 M '68.
Vasilev, L. D. - Implementation of the socialist principles of ensuring and protecting private rights in the work of local soviets. *Sov. gos. i pravo* no. 11:29-30 M '68.

351.6(477)—Ukrainian S. S. R.

Perlov, I. A. - A city soviet raises upon the activities. *Rad. pravo* 31 no. 11:14-16 M '68.
Obershina, V. - Local soviets and farming. *Rad. pravo* 31 no. 11:23-27 M '68.

351.6(477.8)—Western Ukraine

Klimenko, I. - Executive committees of village soviets and the boards of kolchozes. *Rad. pravo* 31 no. 11:23-24 M '68.
Kishor, B. - Let us extend the rights of district soviets. *Rad. pravo* 31 no. 11:77-80 M '68.

352 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES

Arlov, A. D. - In friendly cooperation with scholars. *Vop. iust. KPSS* no. 1:184-187 '68.
A powerful guardian of our Soviet country. *Komm. Voenush. 51* 48 no. 3:78-80 O '68.
Rybakov, M. V. - V. I. Lenin on the guiding role of the party in organizing the socialist state's defense. *Vop. iust. KPSS* no. 1:40-151 '69.

352(387)—Vietnam

Let us liquidate the hotbeds of war! *Nov. vrama* 27 no. 2:1-2 Ja '68.

352.02 National defense policy. Military policy

352.02(47.104)—Capitalist countries of the world

Kotlov, M. - Strengthening of the country's defense is a concern of the whole party and all the people. *Komm. Voenush. 51* 48 no. 3:78-80 O '68.
Khrushchov, D. - NATO is an instrument of divisions and revolution. *Kommunist* 45 no. 14:85-86 S '68.
Replies of A. N. Kosygin, Chairman of the Council of Ministers of the U. S. S. R., to the newspaper "Makhich." *Nov. vrama* 27 no. 2:3-4 Ja '68.
Sovremenniki. - Realization of peace. *Nov. vrama* 28 no. 48:25-11 M '68.

352.02(433)—Federal Republic of Germany

Cyrtkiewicz, Josef. - Polish and international problems as a preview. *Nov. vrama* 27 no. 1:7-8 Ja '68.
Lelagin, L. - A new combination within NATO? *Nov. vrama* 27 no. 3:17-18 Ja '68.

352.02(404.4)—Israel

A dangerous course. *Nov. vrama* 27 no. 2:5 Ja '68.

352.02(73)—United States of America

Who and what are obstructing the Paris negotiations. *Nov. vrama* 28 no. 48:1-3 D '68.
Vol'skiy, D. - Americans and Vietnam: a report from New York. *Nov. vrama* 28 no. 48:10-20 M '68.

352.1 Army and navy life. Tradition. Uniforms, etc.

Vorobey, M. - Prevention of the acts of subordination in the units point in the tightening of discipline. *Komm. Voenush. 51* 48 no. 3:53-54 O '68.

352.2 Force personnel. Mobilization

From our correspondence. *Komm. Voenush. 51* 48 no. 2:28 O '68.
Sergeants and warrant officers are the titans of servicemen and sailors. *Komm. Voenush. 51* 48 no. 3:73-78 O '68.

352.3 Political education and training of military personnel. Communist Party and the armed forces

In military districts and fleets. *Komm. Voenush. 51* 48 no. 10:84-86 O '68.
A powerful guardian of our Soviet country. *Komm. Voenush. 51* 48 no. 3:78-80 O '68.
Sergeants and warrant officers are the titans of servicemen and sailors. *Komm. Voenush. 51* 48 no. 3:73-78 O '68.
Under Lenin's banner and along the road of the October Revolution. *Komm. Voenush. 51* 48 no. 10:3-8 O '68.
Vorobey, V. - Party organization staff of the headquarters is struggling for the high standards of combat training. *Komm. Voenush. 51* 48 no. 3:42-51 O '68.
Vorobey, M. - Prevention of the acts of subordination in the units point in the tightening of discipline. *Komm. Voenush. 51* 48 no. 3:53-54 O '68.
Who is directing an evening maternity? *Komm. Voenush. 51* 48 no. 3:48 O '68.

352.4 Operations of war. Tactics and strategy

Drozdov, R. G. - Comparative physiological characteristics of exercise combat training of soldiers wearing gas masks under different climatic conditions. *Voen.-med. shkol.* no. 11:48-49 M '68.
Orskov, I. G., and others. - Study of the injurious effect of periodic gas mask irritations. *Voen.-med. shkol.* no. 11:48-53 M '68.

352.4(73)—United States of America

Mirskiy, G. - Illusions and realities in the third world. *Nov. vrama* 27 no. 1:10-12 Ja '68.
Vol'skiy, D. - The Vietnam test. *Kommunist* 45 no. 16: 84-167 M '68.

352.40 Military intelligence and espionage

352.40(47.104)—Capitalist countries of the world

Papov, V. - War without shooting. *Agitator* no. 1:88-90 Ja '68.

352.40(73)—United States of America

M. Sh. - Worth of their apologies. *Nov. vrama* 27 no. 2: 15 Ja '68.
Shchegolev, I. - A "quiet" war in Laos. *Nov. vrama* 28 no. 5:21-23 D '68.

352.5 Military training. Exercises. Drill

Andrjanov, V., Korotkiy, G., Soslov, V. - Training by standards. *Tekhn. i voenush.* 28 no. 3:12-13 Mr '68.

Gorokhov, M. - Heirs. *Otkrytye truda i sots. strukt.* 12 no. 1:34-35 Ja '69.
Korotkiy, D. D. - Perfection of combat and special preparation, improvement of field training. *Voen.-med. shkol.* no. 12:3-7 D '68.
Lobkov, V. I., and others. - Effect of individual psychological characteristics of trainees on the training indices of the flying personnel. *Voen.-med. shkol.* no. 12: 63-65 D '68.

Muketa, F. - The most important indicator of combat efficiency. *Tekhn. i voenush.* 28 no. 3:1-3 Mr '68.
Nechkovich, D., and others. - Technological resources in training. *Tekhn. i voenush.* 28 no. 3:14-18 Mr '68.
Tatarsky, A. - Give students practical skills. *Tekhn. i voenush.* 28 no. 3:10 Mr '68.

Vorobey, V. - Party organization staff of the headquarters is struggling for the high standards of combat training. *Komm. Voenush. 51* 48 no. 3:42-51 O '68.

352.7 Military establishments, depots, etc.

Dobrotov, K. P., Rylov, V. G. - Work organization of receiving and distributing at a therapeutic field units hospital under mass admission of patients. *Voen.-med. shkol.* no. 11:9-11 M '68.

352.7(73)—United States of America

Kremlov, M. - Bargaining over bases in Spain. *Nov. vrama* 28 no. 48:23-24 M '68.
Muranov, A. - Oceania and U. S. neocolonialism. *Afr. sraz.* 12 no. 12:20-23 D '68.

352.8 Industry

Kashchuk, N. S., Ulkovskiy, D. A. - Changes in the locomotor apparatus and peripheral nervous system in airborne troops. *Voen.-med. shkol.* no. 11:46-48 M '68.

352.9 Administrative and auxiliary services

Antolil Sergeyevich Gogolevskiy on his 60th birthday. *Voen.-med. shkol.* no. 11:22 D '68.
Nolov, R. I. - Military modes of the Third White Russian Front in battles for the liberation of White Russia. *Voen.-med. shkol.* no. 11:63-66 M '68.
Ishchuk, G. - Military service. *Tekhn. i voenush.* 48 no. 3:57-59 Mr '68.
Nikol'skiy, I. U., Tranchuk, P. - In open areas. *Tekhn. i voenush.* 28 no. 3:13 Mr '68.
Tsyglin, P. - Summer in around the corner. *Tekhn. i voenush.* 28 no. 3:20-23 Mr '68.
Vasilev, A. I., Velikiy, A. P. - Clinical characteristics of adenovirus diseases in servicemen. *Voen.-med. shkol.* no. 11:54-58 M '68.

352.9(477.8)—Western Ukraine

Kamshakov, R. A. - Scientific conference of doctors of the Carpathian Region Military District. *Voen.-med. shkol.* no. 11:84-86 M '68.

352.9(471)—Austrian R. S. F. S. R.

Vlasov, V. V., Arshanskii, M. M. - Scientific conference of doctors of the Siberian Military District. *Voen.-med. shkol.* no. 11:82-83 M '68.

352.1 Artillery and armor

A dependable shield of the Soviet state. *Komm. Voenush. 51* 48 no. 3:23-28 O '68.

352.4 Air force

Rabetskii, V. I., Romanov, V. V. - Physiological problems connected with flights at low altitudes. *Voen.-med. shkol.* no. 11:87-89 M '68.
Kotlov, M. I., and others. - Adaptive changes in the laboratory system of the radio operator during a long flight. *Voen.-med. shkol.* no. 11:89-91 M '68.
Lobkov, V. I., and others. - Effect of individual psychological characteristics of trainees on the training indices of the flying personnel. *Voen.-med. shkol.* no. 12: 63-66 D '68.

352.6 Navy

Barenkov, V., Kozlov, D. - Cruising without headwinds. *Tekhn. i voenush.* 28 no. 3:22-23 Mr '68.
Vorobey, V. - Party organization staff of the headquarters is struggling for the high standards of combat training. *Komm. Voenush. 51* 48 no. 3:42-51 O '68.

353 SOCIAL RELIEF AND WELFARE. INSURANCE

353.2 Organizations: charitable societies, institutions, councils, etc.

353.2(73)—United States of America

Vorobey, V. V. - Big business of the U. S. A. and "philanthropy." *Uch. zap. Kaf. obshchestv. nauk vuz. g. Len.* Polk. shkol. no. 8:128-133 '68.

353.3 Social welfare

Concern for the people's welfare. *Part. shkola* 28 no. 13: 2-7 JI '68.

Rylov, A. - Friends of the "happy little house." *Rad. shkol. obr.* 15 no. 4:46-47 Ap '68.

353.3 Medical (health) services. Hospitals, clinics, sanatoriums, spas, etc.

Mikheev, M. G. - Characterization of the organization of care, and theoretical methods of the treatment of patients with traumatic fractures of the femur. *Sov. voen. med. shkol.* 28 no. 3:12-13 Mr '68.

362.1 (Continued)

Tikhonov, S. I. - Use of the diagnostic scintillation apparatus (DSU-11) in the clinic for internal diseases. *Shor, truda i znan. strukh.* 13 no. 10:33-36 '68.

362.1 (471.23)—Karelia A. S. S. R.
Bilimov, I. L. - Life-giving water of Karelia. *Ochr. truda i znan. strukh.* 13 no. 11:38-40 Ja '68.

362.1 (578.2)—Kirgizia S. S. R.
Asanaliyev, Z. T. - Late results of treatment of traumatic fractures of the femoral neck according to materials of the traumatology department of the State Hospital Clinic of the Kirgizia S. S. R. *Shor, nauch. rab. KGM* 46 no. 2:24-28 '67.

Fadeev, M. A. - Work of the traumatology station of the Kirgizia State Hospital Clinic for 1965. *Shor, nauch. rab. KGM* 46 no. 2:3-12 '67.
Glozhina, K. I. - Clinical characteristics of sepsis in young children according to materials of children's hospitals of the city of Frunze. *Shor, nauch. rab. KGM* 43:188-189 '67.

Zver, B. N., Golokhina, M. P., Yeryogina, A. A. - Utilizing the mineral waters of the Issyk-Kul Resort. *Shor, nauch. rab. KGM* 43:114-117 '67.

362.1 (93)—Australia generally. *Malesia*
Anishev, L. - On the track of Miklukho-Maklai. *As i Afr seg* 12 no. 12:33-33 '68.

362.4 Welfare of physically handicapped

Osipova, I. O. - Characteristics of expertise of working capacity and adjustment in sequence of orofacial-brain trauma with epileptiform syndrome. *Shor, nauch. rab. KGM* 46 no. 2:189-190 '68.

362.4 (575.2)—Kirgizia S. S. R.
Belashov, V. V. - Injuries in transportation as one of the causes of posttraumatic disability according to materials of the Medical Commission for the Rehabilitation of Disability of the City of Frunze. *Shor, nauch. rab. KGM* 46 no. 2:58-61 '67.
Koktiev, S. D. - Neurosis as the cause of disability among the population of the city of Frunze. *Shor, nauch. rab. KGM* 43:5-7 '67.

362.6 Welfare of aged, infirm and sick

Fogel'son, L. L., and others. - Temporary disability in hypertension. *Kardiologiya* 8 no. 6:29-34 M-D '68.
Krivitskiy, M. I. - Rehabilitation of cardiovascular patients. *Kardiologiya* 8 no. 6:24-29 M-D '68.

362.8 Youth workers, clubs, etc.

Vlasenko, V., and others. - The young worker. *Sov. shkol.* 15 no. 10:13-14 O '68.

362.9 Social works, services, etc., for other categories

Geyra, K. S. - Some problems in the study of public-service activities. *Uch. zap. TGU* no. 64:133-147 '68.

363.0 (471)—Asia S. S. R.

Kozlov, A. P. - Materials on the Komzomol's sponsorship of school construction projects. *Sov. shkol.* no. 4:34-36 '68.

367 Institutions for social intercourse. Clubs, etc.

367 (471.233)—Leningrad City
Khodachuk, V., Trus, A. - A students' club. *Part. shkol.* no. 31:57-58 M '68.

367 (477)—Krasnodar S. S. R.
Tishchenko, V. - "Krasnodar grechka." *Sov. professiya* 34 no. 20:88 O '68.

367 (479.24)—Azerbaijan S. S. R.
Khalimov, B. - Club "Krasnaya grechka"; a letter to the editor. *Agitator* no. 11:8 Ja '68.

368.4 Social insurance. Workers' insurance

Shumakov, G. - Under the new conditions. *Ochr. truda i znan. strukh.* 13 no. 11:12-13 Ja '68.

369.4 (471.811)—Moscow Province

Gorashov, A. - A businesslike approach. *Ochr. truda i znan. strukh.* 13 no. 11:20-22 Ja '68.

369 Movements, organizations for the promotion of social and national spirit

369 (404)—Valdian State

Iskova, A. - New features of the Valdian's policy in Asian countries. *As i Afr seg* 12 no. 12:14-15 D '68.

37 EDUCATION

Klinger, V., Orlov, I. U. - Does the school need a "middle teacher"? *Oktabr'* no. 6:159-173 Ja '68.
Facts and figures. *Vest. vyz. shkoly* 34 no. 10:86-90 O '68.

Shurakov, V. M., and others. - Basic problems in the use of computer technology in education. *Rad. shk.* 47 no. 11:34-43 M '68.

Martov, K. M. - Children's literature and the education of the new man. *Uch. zap. Lrk. gos. pod. inst.* no. 2:142-153 '68.

Prashkovsk, M. L. - Simion Polatski's pedagogical work. *Vest. AM BSSR, Ser. hum. nauch.* no. 4:69-87 '68.
Ruvinskii, A. - Friends of the "starry little house." *Sred. spets. obr.* 18 no. 4:46-47 Ap '68.
Vilov, I. U. - Individual approach in educational work. *Vop. psikh.* 14 no. 4:133-142 Ji-Ag '68.
Vlasovskaya, M. G. - Consideration of psychological characteristics of the adolescent in educational work. *Sred. spets. obr.* 18 no. 4:25-28 Ap '68.

37 (479.104)—Capitalist countries of the world

Zabrov, V. - A nonequivalent exchange. *As i Afr seg* 12 no. 12:4-5 D '68.

37 (471.23)—Karelia A. S. S. R.

Belashov, I. A. - History of rural schools prior to the Reform of 1951. *Uch. zap. Pektrom. gos. un.* 14 no. 6:48-54 '68.

37 (477)—Ukraine S. S. R.

Dzverin, O., Revokhina, O., Rinal, V. - Public education in the Ukrainian S. S. R. *Rad. shk.* 47 no. 11:89-106 M '68.

37 (575.1)—Uzbek S. S. R.

In the schools of Uzbekistan. *Sred. spets. obr.* 18 no. 4:56 Ap '68.

37 (63)—Ethiopia

Meeting with journalists. *Zhur. Mosk. Pair.* no. 2:21-22 '67.

37 (93)—Australia generally. *Malesia*

Kolachev, L. - On the track of Miklukho-Maklai. *As i Afr seg* 12 no. 12:17 '68.

37.018 Educational psychology

Polyshev, V. R. - The adolescent shows a lack of discipline. Why? *Rad. shk.* 47 no. 11:88-92 M '68.

370.17 Communist education

Bolov, A. M. - The Communist and the development of a communist ideology in students. *Vest. vyz. shkoly* 35 no. 10:10-13 O '68.
Bilov, G., Kharigba, G. - Let us give one persistent attention to communist education. *Part. shkol.* no. 18:40-48 Ji '68.

Iskhov, K. R. - Lenin's ideas of patriotism and internationalism in a course in political economy. *Vest. vyz. shkoly* 35 no. 10:80-82 O '68.
Makosov, G. - A review of letters. *Agitator* no. 11:8-9 Ja '68.

Grigorov, P. A. - In biology classes we are training young scientists. *Izv. Vor. gos. pod. inst.* 90:5-11 '67.

Gerasimov, L. M., Krasovskaya, K. A. - On the history of one own institute. *Vest. vyz. shkoly* 35 no. 10:77-79 O '68.

Kidologich, V. I. - Biological education in the order of attention. *Part. shkol.* no. 13:11-14 Ji '68.

Klimashov, V. I. - Training and educating is an indivisible process. *Vest. vyz. shkoly* 34 no. 10:62-68 O '68.

Lilashov, V. - In the hometown of the leader. *Sred. spets. obr.* 18 no. 4:18-20, 21 Ap '68.

Lubimov, S. - "It is good to live in such an epoch!" the centenary of M. K. Krupskaya's birth. *Agitator* no. 11:0-13 Ja '68.

Makarov, I. K. - In the friendly family of fraternal people. *Sred. spets. obr.* 18 no. 4:33-34 Ap '68.

Mary and the communist education of young people. *Part. shkol.* no. 31:18-23 M '68.

Pushkov, M., Dard, S. - Work and place of cultural workers. *Sov. professiya* 34 no. 10:8-9 O '68.

Yavlov, I. U. - Let us be irreconcilable to bourgeois ideology fourth article. Subject: "Present-day struggle against bourgeois ideology." *Agitator* no. 11:40-43 Ja '68.

Yurina, T. I. - History of the Komzomol's work in the international education of Soviet youth during the building of the foundation of socialism, 1925-1933. *Vest. LNU* 23 no. 20:30-38 O '68.

Sokolov, K. K. - Members who joined the party in the year of Lenin's death and their role in strengthening the Russian Communist Party (Bolsheviks). *Vop. ist. KPSS* no. 1:44-58 '68.

Yashchikov, M. - School of Communist education. *Mol. kom.* no. 10:18-19 '68.

370.17 (471.233)—Leningrad City

Zakrevskii, P. I. A. - Political work among the masses; experience of the Leningrad party organization. *Vop. ist. KPSS* no. 1:41-144 '68.

370.17 (471.315)—Ivanovo Province

Dmitrov, A. - In their fathers' footsteps. *Komzom. Vooruzh. sil* 40 no. 10:66-71 O '68.

370.17 (471.45)—Volgograd Province

Kulichev, A. - Party guidance of the Komzomol. *Kommunist* 48 no. 14:47-50 S '68.

370.17 (471.61)—Rostov Province

Akhmatova, L. P. - Use of documentary materials for agitation and propaganda. *Sov. shkol.* no. 4:41-48 '68.

370.17 (471.67)—Dagestan A. S. S. R.

Orlov, E. - International education of schoolchildren. *Part. shkol.* no. 31:88-91 M '68.

370.17 (477)—Ukraine S. S. R.

Shashko, T. M. - Through the Lenin museums and halls of the schools. *Rad. shk.* 47 no. 11:1-14 M '68.

Kozlovskii, V. - With a prospect. *Part. shkol.* no. 13:18-24 Ji '68.

370.17 (477.3)—Bulgaria

Kolobov, K. - We are educating builders of socialism. *Sred. spets. obr.* 18 no. 4:51-53 Ap '68.

370.17 (571.81)—Krasnodar Territory

Grebennaya, L. - At the river rapids. *Agitator* no. 11:51-53 Ja '68.

370.17 (571.6)—Soviet Far East

Academic year has been completed. *Part. shkol.* no. 13:40 Ji '68.

370.17 (574)—Kazakh S. S. R.

Ivashina, P. - Tutors of adolescence. *Part. shkol.* no. 13:65-68 Ji '68.

371.1 Management. Teaching staff

Akhmatov, E. L., Polkovnikov, G. M. - A successful seminar. *Vest. vyz. shkoly* 34 no. 10:43-44 O '68.

Klinger, V., Orlov, I. U. - Does the school need a "middle teacher"? *Oktabr'* no. 6:159-173 Ja '68.

Kosyrev, I. U. A., Lashov, I. U. M. - Answering the questions of our readers. *Vest. vyz. shkoly* 34 no. 10:90-93 O '68.

Shoria, V. G. - The educational process and the staff of schools of higher education. *Vest. vyz. shkoly* 34 no. 10:13-16 O '68.

Shvaberg, G. - An older colleague. *Sred. spets. obr.* 18 no. 4:53-54 Ap '68.

The teacher and psychology. *Vop. psikh.* 14 no. 3:19-23 Ji-Jo '68.

371.136 Training of teachers

Lekra, D. O., Trifunov, M. M. - Improving the training of teachers for work on the school experimental plot. *Rad. shk.* 47 no. 11:85-89 M '68.

Kokhanovskaya, T. D. - Methodology of organization of independent work of students in teachers' colleges. *Rad. shk.* 47 no. 11:88-84 M '68.

371.136 (431)—German Democratic Republic

Shchukina, M. - A nation of educated people. *Nov. vrama* 27 no. 4:24-26 Ja '68.

371.3 School organization. Routine. Duties

Tretak, M. A. - Hygienic organization of the educational work of the student. *Rad. shk.* 47 no. 11:77-78 M '68.

371.3 Method of instruction

Akhmatova, N. H. - Characteristics of evaluation and self-evaluation in the studies of first to fourth grade schoolchildren. *Vop. psikh.* 14 no. 3:131-134 My-Ju '68.

Aslanov, I. U. G., Kolova, A. D., Kibika, V. M. - Automatic system for determining teaching parameters. *Trudy Bess. "Bios. i med. v. biol."* no. 2:3-9 '67.

Anisov, A. P. - Practical training and the scientific organization of labor. *Sred. spets. obr.* 18 no. 4:13-15 Ap '68.

Baryshev, N. M. - Educational work in chemistry classes. *Rad. shk.* 47 no. 11:83-84 M '68.

Colobov, V. M. - What should a course in the scientific organization of labor be like? The discussion is being continued. *Vest. vyz. shkoly* 34 no. 10:17-21 O '68.

Gurilashov, B. M. - A course in descriptive geometry on the screen of closed circuit television. *Vest. vyz. shkoly* 35 no. 10:80-82 O '68.

Ivanov, G. V. - Influence of the preparation of laboratory and practical work on the realization of carrying out a chemical experiment by students of the 11th-12th grades. *Izv. Vor. gos. pod. inst.* 90:58-60 '67.

Ivanov, G. V. - Use of interesting experimental problems in chemistry lessons. *Izv. Vor. gos. pod. inst.* 90:58-60 '67.

Kobrin, I. I. - Some characteristics of the formation of research skills in schoolchildren. *Vop. psikh.* 14 no. 3:118-119 My-Ju '68.

Kokhanovskaya, T. D. - Methodology of organization of independent work of students in teachers' colleges. *Rad. shk.* 47 no. 11:88-84 M '68.

Kotelnik, A. V. - Automation and educational work. *Vest. vyz. shkoly* 34 no. 10:88-90 O '68.

Protasovskaya, I. A. G., Fedorova, V. V. - Development of the students' oral and written speech. *Sred. spets. obr.* 18 no. 4:53-54 Ap '68.

Prokova, L. A., Rikhsiev, V. G., Oskilich, M. O. - New experiences in educational television. A closed circuit television system. *Vest. vyz. shkoly* 34 no. 10:81-89 O '68.

Rakshatullina, R. G. - Professional and pedagogic thread in a course in the physical geography of the parts of the world. *Vop. geol. geogr. i kraeved.* no. 3:9-14 '68.

Rudakov, A. A. - On the content of "Pedagogical anthropology" by E. D. Ushakov. *Vop. psikh.* 14 no. 4:13-17 Ji Ag '68.

Strelchukovskaya, M. P. - Their own educational television center. *Vest. vyz. shkoly* 34 no. 10:39-40 O '68.

Unity of pedagogical demands. *Sred. spets. obr.* 18 no. 4:2-4 Ap '68.

Yakovlev, A. L. - The department and the pedagogic experiment. *Vest. vyz. shkoly* 34 no. 10:19-21 O '68.

Kozlov, K. L. - General principles of methods in making index cards in a school course in botany. *Izv. Vor. gos. pod. inst.* 90:13-15 '67.

371.3(431)—German Democratic Republic
Schulz, H. - A nation of educated people. Nov. vresh.
37 no. 4:24-25 Ja '82.

371.8 Bales. Alexander. Private. Discipline
Awarding of the International Prize "Gold Spectroscope"
Kardiolgia 5 no. 6:87-88 N-D '83.
Palytel, V.S. - The advertisement shows a lack of discip-
line. Why? Rad. shk. 47 no. 10:85-87 N '83.

371.8 Teaching and training rooms and equipment
Bakshova, D.P. - Visual aids and instruction in chemistry.
Vest. vyz. shkoly 24 no. 10:86-88 O '84.
Bardashova, A.P. - Every school should have its own
turnery. Izv. Vor. gos. ped. inst. 30-34-34 '87.
Dapina, S.A. - Made by the hands of students for the
biology study room. Izv. Vor. gos. ped. inst. 34:16-
22 '87.

Klemm, M.L. - "Kolibri" checks knowledge. Rad. shk.
47 no. 11:43-44 N '83.
Gulshin, R.M., Ydakh, B.L. - Training equipment
in the educational process. Sred. spets. obr. 15 no. 4
8-10, 11 Ap '82.
Kaplan, E. - There should be special appropriations for
school libraries. Bibliotekar' no. 12:56 D '84.
Nikol'skii, A., Bobolev, V. - The course "Study of
materials. Sred. spets. obr. 15 no. 4:11-12 Ap '84.

371.7 School hygiene. Health. Physical training games
Kuznetsov, I., Franko, A. - Physical culture and the all-
round developing personality. Komsomol't 46 no. 13:
110-117 S '82.

371.7(475.2)—Armenia S.S.R.
Ushakov, M.S. - Sport-related transitions among school-
children of Erivan, and measures for its prevention.
Shor. smesh. trud. krech. nach. - (Sred. inst. travn. i
ort no. 8:10-17 '82).

371.7(575.3)—Kirghizia S.S.R.
Nedraga, R.A. - Some problems of a day's regimen for
preschool-age children in the city of Frunze. Shor.
smesh. rab. KGU 43:13-14 '87.

371.8 School life. Customs. Habits. Uniforms, etc.
Orlov, V.M. - Results of the third work semester. Vest.
vyz. shkoly 24 no. 10:86-88 O '84.

371.8 Education of special categories of pupils: handicapped,
blind, deaf and dumb, etc.
Luria, A.B. - Study of the developmental characteristics
in students of auxiliary schools. Vop. psichol. 14 no. 4:
177-178 Ji-Ag '82.

372 Preschool and elementary or primary education
Kuznetsov, H.H. - Independent mastering of knowledge
in the elementary grades. Rad. shk. 47 no. 11:84-87
N '83.
Mykytyuk, M.I. - Study of the properties of the first
rules of arithmetic. Rad. shk. 47 no. 11:80-84 N '83.

372(575.3)—Kirghizia S.S.R.
Nedraga, R.A. - Some problems of a day's regimen for
preschool-age children in the city of Frunze. Shor.
smesh. rab. KGU 43:13-14 '87.

373 Secondary education
Bulletin of the Ministry of Higher and Secondary Special-
ized Education of the U.S.S.R. [Mol. fiz. vyz. i sred.
spets. obr. 1982] no. 11-12 N-D '82.
Petrov, V.M. - Experience in the organization of elective
courses in mathematics. Rad. shk. 47 no. 11:85-86
N '83.

373(471.3)—Leningrad City
Gerasimov, V. - Educational education of schoolchildren.
Part. shkol. no. 3:140-51 N '82.

373.8 Technical and vocational institutes, polytechnical institutes
Kishin, V.P. - The most important decisions, we are
translating them into reality. Vest. vyz. shkoly 24
no. 10:86-88 O '84.
Yul'ina, I.V. - Study of a school textbook in teachers
colleges. Vop. ped. geog. i kraeved. no. 3:18-19 '84.
K.A. - At the sources. Bibliotekar' no. 12:33-34 D '84.
Kaplan, A.I. - Problems and organization of the field
complex practice in physical geography in biological and
geographical departments of teachers colleges. Vop.
ped. geog. i kraeved. no. 3:38-44 '84.
Moshchakov, V.G. - Some characteristics of the arrange-
ment of a textbook on topography for teachers colleges.
Vop. ped. geog. i kraeved. no. 3:38-44 '84.
Moshchakov, V.G. - What a textbook as a methodology for
teachers colleges should be like. Vop. ped. geog. i
kraeved. no. 3:23-26 '84.
Moshchakov, V.G. - What kind of course is needed in
teachers colleges. Vop. ped. geog. i kraeved. no. 3:19-
21 '84.
Pechenik, M. - Problems of personnel training. Dem.
i kred. 34 no. 11:78-79 N '82.

Bozharovskiy road. Bibliotekar' no. 12:14-15 D '84.

373.8(48)—Italy
Gerasimov, V. - Secondary specialized education in
Italy. Sred. spets. obr. 15 no. 4:48-50 Ap '82.

373.8(471.323)—Leningrad City
Arhipov, V. - Young people's motto is to study and to
create. Komsomol't 46 no. 13:88-97 S '82.

373.8(471.310)—Moscow City
Makota, L.L. - History of the organization and development
of the Department of Automation and Mechanization of
Production at the Moscow Higher Technical School. Izv.
vys. shk. sav. i mashinost. no. 9:128-144 '80.

373.8(471.43)—Ulyanovsk Province
Antonov, A.P. - Practical training and the scientific
organization of labor. Sred. spets. obr. 15 no. 4:
13-18 Ap '82.
Lil'nikov, V. - Is the hometown of the leader. Sred. spets.
obr. 15 no. 4:14-19, 21 Ap '82.

373.8(475)—White Russian S.S.R.
Luk'yanov, B., Bliznet, V. - Preparing necessity. Dem.
i kred. 34 no. 11:71-78 N '82.
Mikhailov, O. - School of progress (tehnologicheskaya
shkola). Vop. iorg. 48 no. 2:22 '82.

373.8(477)—Ukraine S.S.R.
Bachyn'sky, V.M. - Concern shown by the party for the
training of skilled workers in the vocational institutions
of the Ukraine S.S.R., 1980-1986. Mark. prot. i
ist. KPTU no. 18:88-89 '87.
Ermenok, P., Zakharenko, M. - Forge of building
engineers. Stroitel'skikh. 18 no. 5:30 May '87.

373.8(575.1)—Uzbek S.S.R.
Kosov, K. - Kokand Technical School of Petrozavodsk
Engineering. Sred. spets. obr. 15 no. 4:28-33 Ap '82.

373.88 Agricultural building
Kozlov, K.M. - For leaders of agricultural production.
Vest. vyz. shkoly 24 no. 10:72-73 O '84.

374 Further education. Private study. Adult education
Poltov, M.K. - The new system in action. Vest. vyz.
shkoly 24 no. 10:88-73 O '84.
Ponomarev, B. - Five-day work week and petroleum
worker's leisure time. Naftnik 13 no. 12:33-34
D '82.
Tret'yakov, M.P. - Man of science at the people's
universities. Vest. vyz. shkoly 24 no. 10:48-51 O '84.

374(475)—White Russian S.S.R.
Kozlov, K.M. - For leaders of agricultural production.
Vest. vyz. shkoly 24 no. 10:72-73 O '84.

374(477)—Ukraine S.S.R.
Belyk, A. - We are improving the composition of the per-
sonnel. Dem. i kred. 34 no. 11:78-88 N '82.
Mikhailov, I. - A social development plan of personnel
in action. Part. shkol. no. 3:143-48 N '82.

375 Higher education. Universities, colleges, academies
Andreev, S.V., Chochkin, A.S., Kozlov, I.L. - Central
scientific research laboratories share their experience.
Vest. vyz. shkoly 24 no. 10:84-88 O '84.
Andreevskiy, P.L., and others. - Contemporary practical
studies in chemistry. Vest. vyz. shkoly 24 no. 10:78-
84 O '84.

[Bulletin of the Ministry of Higher and Secondary Special-
ized Education of the U.S.S.R.] [Mol. fiz. vyz. i sred.
spets. obr. 1982] no. 11-12 N-D '82.

Borisen, O.D., and others. - Inter-University Scientific
Research Institute of Metrology. Vest. vyz. shkoly 24
no. 10:84-88 O '84.
Dolgoplov, S.L. - The main attraction in life. At the
speaker's rostrum are the polytechnicians. Vest. vyz.
shkoly 24 no. 10:14-18 O '84.
Kishin, V.P. - The most important decisions, we are
translating them into reality. Vest. vyz. shkoly 24
no. 10:86-88 O '84.
Pechenik, M. - Problems of personnel training. Dem.
i kred. 34 no. 11:78-79 N '82.

Yakovlev, K.L. - Second Inter-University Conference on
the Scientific Organization of Labor. Vest. vyz. shkoly
24 no. 10:87-88 O '84.

Gerasimov, A.G. - Various methods of developing speech
activity in 3rd course students of language institutes
in classes for developing speech skills. Uch. zap. Ped.
inst. Gork. 378:250-254 '86.
Golubev, V.M. - What should a course in the scientific
organization of labor be like? The discussion is being
continued. Vest. vyz. shkoly 24 no. 10:77-82 O '84.
Gerasimov, I.R. - Perfecting the system of physical
education. Vest. vyz. shkoly 24 no. 10:84-88 O '84.
Kishin, V.P. - Training and educating is an in-
divisible process. Vest. vyz. shkoly 24 no. 10:82-86
O '84.
Korobov, B. - New educational films. Vest. vyz. shkoly
24 no. 10:41-43 O '84.
Logunov, I.V. - Teaching the vocabulary of the Latin
language to student specialists in Russian. Uch. zap.
OGU no. 68:41-45 '84.
Lutskanov, A.I. - Training of engineering and technical
cadres during the first five-year plan. Vest. vyz. shkoly
24 no. 10:77-79 O '84.
Mironov, D.P. - An exhibition and review in Kuybyshev.
Vest. vyz. shkoly 24 no. 10:81-83 O '84.

Mel'nik, A.V. - Automation and educational work. Vest.
vyz. shkoly 24 no. 10:86-88 O '84.

Mel'nik, A.V. - Standardization and cadres. Vest. vyz.
shkoly 24 no. 10:82-86 O '84.

New developments in the schools of higher education of
the country. Vest. vyz. shkoly 24 no. 10:82-84 O '84.
Orlov, V.M. - Results of the third work semester. Vest.
vyz. shkoly 24 no. 10:86-88 O '84.

Petrov, A.P. - The third semester, an anniversary
semester. Vest. vyz. shkoly 24 no. 10:82-83 O '84.

Pinezhnikov, K.M. - A book on students' scientific work.
Vest. vyz. shkoly 24 no. 10:27-28 O '84.

Prokhorov, L.A., Rikhtinov, V.G., Gliklikh, M.G. -
New experiences in educational television: A closed cir-
cuit television system. Vest. vyz. shkoly 24 no. 10:
31-34 O '84.

Rametskii, P.A. - Chemical technology and the school
course in chemistry. Vest. vyz. shkoly 24 no. 10:
86 O '84.

Shorin, V.G. - The educational process and the staff of
schools of higher education. Vest. vyz. shkoly 24
no. 10:13-15 O '84.

Tubchinskii, V.F. - Give our post graduate pedagogical
knowledge. Vest. vyz. shkoly 24 no. 10:44-47 O '84.
Kishin, V.P. - The department and the pedagogical ex-
periment. Vest. vyz. shkoly 24 no. 10:82-83 O '84.

375(431)—German Democratic Republic
The 20th anniversary of the Academy of Sociopolitical
and Legal Sciences of the German Democratic Re-
public. Rad. pravo 31 no. 11:96 N '82.

375(471.323)—Leningrad City
Gerasimov, V. - According to Kravchenko's plans. Bibli-
otekar' no. 12:33-34 D '82.

Seredin, Iosif. - Beginning of the new academic year in
the Leningrad theological schools. Zhurn. Mosk. Patr.
no. 10:7 '82.
Muryayev, N. - A workshop of trained librarians. Bibli-
otekar' no. 12:24-27 D '82.

375(471.310)—Moscow City
Gerasimov, V. - In this manner independence is devel-
oped. Vest. vyz. shkoly 24 no. 10:18 O '84.

Gulshin, V.V. - Conference of workers of Moscow schools
of higher education. Vest. vyz. shkoly 24 no. 10:31
O '84.

Metropolitian Filaret and the Moscow Theological Academy
address of His Holiness Patriarch Alexei at the evening
session in memory of Metropolitian Filaret in the Moscow
Theological Academy. Zhurn. Mosk. Patr. no. 10:7-
12 '87.

Shchegolev, A. - Beginning of the new academic year in the
Moscow theological schools. Zhurn. Mosk. Patr. no. 10:
3-5 '82.

Shchegolev, K. - Celebration in memory of Metropolitian
Filaret. Zhurn. Mosk. Patr. no. 10:24-25 '87.

375(471.331)—Belarus S.S.R.
Mordukhai, P.M. - Structure of the didactic unit of the
acquisition of knowledge. Vest. vyz. shkoly 24 no. 10:
34-41 O '84.

375(477)—Ukraine S.S.R.
Belov, P.A. - May the line between secondary vocational
and technical schools and schools of higher education
strengthen. Vest. vyz. shkoly 24 no. 10:82-87 O '84.
Bosakov, I.U., Korobov, N.M. - Algorithms of weekly
class scheduling. Vest. vyz. shkoly 24 no. 10:82-86
O '84.
Kocher, A.U., Brusilovskiy, A.I., Boronin, A.I. - Conser-
vative have become tradition. Vest. vyz. shkoly 24
no. 10:84-86 O '84.
Koshchikov, B.V., Gerasimov, I.M., Koshchikov, S.A. - On
the history of one's own institute. Zav. lab. 34 no. 14:
77-78 '86.
Samodurov, V.P. - Cooperation of science and industry in
of mutual advantage. Vest. vyz. shkoly 24 no. 10:86-88
O '84.

375(471.13)—Tyumen' Province
Gerasimov, B.M. - A course in descriptive geometry as
the source of closed circuit television. Vest. vyz. shkoly
24 no. 10:84-88 O '84.

Strakhovskiy, M.P. - Their own educational television
center. Vest. vyz. shkoly 24 no. 10:82-84 O '84.

375(581)—Burma
Rashchepkin, F.M. - Legal education in Burma. Vest.
vyz. shkoly 24 no. 10:82-86 O '84.

375(5)—South America
Delgado, A. - Why the Peace Corps is being sent to Latin
America. Nov. vresh. 30 no. 48:21-22 N '84.

379 Relation between school and society
379(477)—Ukraine S.S.R.
Rashchepkin, I.A. - About those whose life is ahead.
Sov. profsoyuz 24 no. 17:10 S '82.

38 COMMERCIAL TRADE COMMUNICATION
Pashchenkov, V., Ryabkova, T., Danilov, V. - Coding
of commercial and economic information. Sov. uprav.
43 no. 12:44-46 D '82.

38(475)—White Russian S.S.R.
Bail'ko, K., IU. - White Russian grain market during
the agricultural depression of the late 19th century.
Vest. i AN BSSR, Ser. krazn. nav. no. 4:84-85 '83.

39 (Continued)
[New Soviet Literature on History, Archaeology, and Ethnography] Nov. sov. lit. po ist. arkh. i etn. no. 7-9 '85.

39(2)—Australia generally. Melanesia
Bullock, N. - Present-day stone age. *Az. i Afr. seg.* 12 no. 12 14-15 O '84.

361 Customs. Adornment. Fashion
How to dress handsomely and tastefully. *Mystetstvo* 18 no. 8:39-40 S O '84.

362 Private and family life

322(375.4)—Turkmen S.S.R.
Amurov, Kh. - Soviet public struggles against the surviving traces of the past. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 143-49 '83.
Kasimov, G. A. - Some problems of amending the laws which regulate matrimonial property rights in the Turkmen S.S.R. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 140-84 '82.

364 Public life. Social life

304(375.4)—Turkmen S.S.R.
Amurov, Kh. - Soviet public struggles against the surviving traces of the past. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 143-49 '83.

366 Women and society. Feminism
Yeliseyeva, V. M. - Differentiation of the legal regulation of women's employment. *Sov. gos. i pravo* no. 1140-43 M '80.
Yeliseyeva, V. M. - Problem of the common feelings of religious women. *Uch. zap. TOU* no. 64:176-182 '84.

39(333)—Yemen
Mir-al-Halim. - A girl with a rifle. *Az. i Afr. seg.* 12 no. 12 31 D '84.

30(333)—West and North Central Africa
Khanikov, A. - Nigina Ahmad Nigala. *Az. i Afr. seg.* 12 no. 12 33-34 D '84.

304(333)—Australia generally. Melanesia
Bullock, N. - Present-day stone age. *Az. i Afr. seg.* 12 no. 12 14-15 O '84.

367 Primitive peoples

307(34)—Australia (Commonwealth)
Zytkovskaya, V. - Has religion always existed? *Aglator* no. 124-87 Ja '83.

368 Folklore

Astiev, P. U. - A new trend in Marty studies. *Izv. Ser. - Oest. muzh. - Iskl. inst.* 20:205-219 '80.
Gakhov, S. X. - Ossian folk songs about V. I. Lenin. *Izv. Ser. - Oest. muzh. - Iskl. inst.* 20:123-128 '80.
Khamitov, T. A. - The historical folk song "Khamitov, the darling Khamitov." *Izv. Ser. - Oest. muzh. - Iskl. inst.* 20:158-173 '80.
Khamitov, A. D. - The Ossian historical "Song of the Khamitov from Donikova." *Izv. Ser. - Oest. muzh. - Iskl. inst.* 20:129-149 '80.

4. PHILOLOGY. LINGUISTICS. LANGUAGES

41 PHILOLOGY

Dezhnev, L. V. - Problems of contrastive study of synonyms. *Uch. zap. Orlov gos. ped. inst.* 27 298-323 '84.

Chardanova, A. A. - Using substantivization in an adverbial function. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:121-128 '84.

Kambayeva, M. A. - Methods of a quantitative phonological analysis. *Vest. LDU* 23 no. 20:136-145 O '83.

Kapranov, R. R. - Spectrograph analysis in the sound structure of language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:8-10 '84.

Karimova, S. L. - Quantitative analysis of common language categories determining the qualitative characteristics of style. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:226-271 '84.

Korotkiy, I. A. - Problems of etymological doublets from materials of the Spanish language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:243-249 '84.

Kotlar, T. R. - Correlative relations. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:83-89 '84.

Muradkhani, L. G. - Use of professionalisms in various styles of speech. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:231-234 '84.

Medvedeva, Z. A. - Studying models of verb combinations in technical texts. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:108-111 '84.

Muradov, R. K. - Onomastics in the English language and the so-called "infinite IP" in the Russian language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:211-218 '84.

[New foreign literature on linguistics] Nov. month. lit. po ist. no. 8-9 '84.

[New Soviet Literature on Linguistics] Nov. month. lit. po ist. no. 8-9 '84.

Mikhlin, M. V. - Grammatical meaning. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:41-49 '84.

Radev, V. G. - Grammatical (morphological) word classes. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:58-67 '84.

Shchegoleva, O. V. - Transformational analysis and its role in the semantic classification of words. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:217-220 '84.

Shchegolev, I. M. - Active linguistic behavior and speech skills. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:229-234 '84.

Shchegolev, I. M. - Some types of syntactical relations, distinguished by a functional mark. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:69-75 '84.

Shchegolev, V. A. - Mathematical modeling of structures on a syntactical level. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:27-32 '84.

Tyabliev, L. S. - Number of syllables in a word, the frequency and semantics. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:211-213 '84.

Vasilev, L. M. - Typology of grammatical categories. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:81-83 '84.

Kalashova, L. P. - Syntactical variability and syntactical synonymy. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:71-81 '84.

Kolodova, L. S. - Russian and foreign flaglets on the category of verb tense. *Uch. zap. Orlov gos. ped. inst.* 27:224-234 '84.

41(371)—Austrian R. S. F. S. R.

Pis, V. V. - Methods for studying some trends in the cultural and linguistic development of small nationalities in the northern regions of Eastern Siberia. *Uch. zap. TOU* no. 70 168-174 '81.

42 LANGUAGES AND DIALECTS

Martov, A. K. - Psychological problems of learning style in the school. *Vop. psichol.* 14 no. 4:81-88 Ji-Ag '84.

43 Germanic languages

Avramov, V. M. - Stylistic role of types of word, phrases and sentence connections. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:228-238 '84.

Bogin, G. I. - Germanic languages and methods of teaching foreign languages in Bashkiria. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:226-248 '84.

Danilova, M. K. - Germanic articles as an expression of the category of definiteness and indefiniteness in comparison with some phenomena of the Russian language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:177-181 '84.

Fridberg, M. Kh. - Evolution of Middle High German conjunctions "daz" and "als" in Yiddish and the origin of the conjunction "vot": influence of the Slavic languages on the syntactic structure of Yiddish. *Vest. LDU* 23 no. 20:147-158 O '83.

Obukh, A. L. - Problems of the stability and identical nature of use of onomastics. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:261-263 '84.

Gusev, T. S. - Some observations on the style of everyday speech in modern German. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:273-280 '84.

Krasnov, A. N. - Articles in prepositional groups with adjectives in the German language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:183-189 '84.

Kapranov, R. R. - The phoneme [s] in the phonological system of the German language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:11-16 '84.

Krasnov, G. M. - Morphological characteristics of nouns in the Low German dialect. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:286-290 '84.

Lobovskiy, L. K. - Differentiating the meaning of "link" and "step" in the system of word building. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:183-188 '84.

Medvedev, V. P. - Connection of causativeness and passiveness. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:248-250 '84.

Shchegoleva, V. - Aspectual meaning of the prefix *gi-* in Old High German. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:197-202 '84.

Vasilev, M. Z. - Analytical aspectual and temporal forms in Old High German. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:211-215 '84.

43.1 English

Abramov, L. K. - Role of transfer of meaning in the formation of English petroleum industry terminology. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:223-230 '84.

Arashev, I. V. - Contextual meaning and semantic structure of words. *Uch. zap. Ped. inst. Gerts.* 27:13-49 '84.

Arashev, I. V. - Interpretation of the problem of word meanings in descriptive linguistics. *Uch. zap. Ped. inst. Gerts.* 27:3-17 '85.

Arasheva, L. A. - Repetition of lexical and syntactical constructions as a stylistic device. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:296-300 '84.

Borovik, M. A. - Transformational analysis of some derived adjectives in modern English. *Uch. zap. Ped. inst. Gerts.* 27:41-55 '80.

Cheremnov, A. M. - Constructions of a subordinate class of consequences in Old English. *Uch. zap. Ped. inst. Gerts.* 27:123-125 '80.

Krasnova, M. I. - Development of attributive usage of some nouns in the English language. *Uch. zap. Ped. inst. Gerts.* 27:77-84 '80.

Krasnova, G. S. - Statistical distribution of homonymous predicatives in modern English. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:147-152 '84.

Orlovskaya, A. G. - Various methods of developing speech activity in 3rd course students of language institutes in classes for developing speech skills. *Uch. zap. Ped. inst. Gerts.* 27:260-264 '80.

Orlov, B. A. - Complex sentences in modern English. *Uch. zap. Ped. inst. Gerts.* 27:98-121 '80.

Kashchuk, G. S. - So-called detached prepositions in modern English. *Uch. zap. Ped. inst. Gerts.* 27:122-129 '80.

Krasnova, G. S. - So-called active infinitives with passive meanings in modern English. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:163-169 '84.

Kobrin, M. A. - Expletive sentences with conjunctive inclusions. *Uch. zap. Ped. inst. Gerts.* 27:127-148 '80.

Kobrin, M. A. - Role of syntagmatic articulation in forming parts of the sentence. *Uch. zap. Ped. inst. Gerts.* 27:120-125 '80.

Krasnova, L. S. - Research in specificity of attributive constructions in English technical literature. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:127-148 '84.

Krasnova, L. A. - Classification of subordinate clauses in modern English. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:141-171 '84.

Lobovskiy, F. V. - Exclamatory and exclamatory sentences in modern English. *Uch. zap. Ped. inst. Gerts.* 27:148-181 '80.

Medvedev, M. Kh. - Phonological analysis of the results of Old English vowel lengthening before LD, MB, MD, NL, RM, and others in modern English. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:19-24 '84.

Medvedev, M. M. - Collective nouns in modern English. *Uch. zap. Ped. inst. Gerts.* 27:163-174 '80.

Medvedev, O. P. - English sport loanwords in the French language: common forms. *Vest. LDU* 23 no. 20:157-161 O '83.

Polakova, M. G. - English expressive particles on the level of sentences. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:127-138 '84.

Shchegoleva, I. G. - Function of appositional structures in modern English. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:113-126 '84.

Shchegoleva, E. V. - Origin and development of causal-consequential conjunctive adverbs in the English language. *Uch. zap. Ped. inst. Gerts.* 27:183-203 '80.

Shchegoleva, O. G. - Lexical and semantic transformations in the English language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:33-40 '84.

Shchegoleva, E. S. - History of the formation of the reflexive voice in the English language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:147-158 '84.

Sorokina, I. S. - Comparative analysis of intonation of syntagms with adverbial modifiers of time and place in the initial position in Russian and English. *Uch. zap. Ped. inst. Gerts.* 27:203-217 '84.

Sorokina, I. S. - Syntagmatic articulation of a sentence in modern English as compared with Russian. *Uch. zap. Ped. inst. Gerts.* 27:128-133 '80.

Troys, L. M. - Possibilities in using the stylistic toolbox of a word as a means of satire and humor. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:289-293 '84.

Turneva, A. A. - Binary contrasts in the system of the English verb. *Uch. zap. Ped. inst. Gerts.* 27:175-187 '80.

Volkova, V. G. - Word combinations with the verb "look" and their Russian translations. *Uch. zap. Ped. inst. Gerts.* 27:59-76 '80.

Volkova, E. M. - Grammatical relation of paired synonyms in the English language. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:228-234 '84.

44 Romance languages

Medvedev, O. P. - English sport loanwords in the French language: common forms. *Vest. LDU* 23 no. 20:157-161 O '83.

Shchegoleva, A. N. - Syntagmatic model of indirect transitive verbs in modern French. *Uch. zap. BOU (Ufa) no. 21. Ser. Filolog. nauk* no. 9:99-103 '84.

47 Classical languages (Latin and Greek)

Belova, M. S. - Inscription for P. II, 8. *Sov. arkh. no. 3* 43-45 '85.

Logvinov, L. V. - Teaching the vocabulary of the Latin language to student specialists in Russian. *Uch. zap. OGU* no. 68:41-46 '84.

48 Slavic and Baltic languages

Fridberg, M. Kh. - Evolution of Middle High German conjunctions "daz" and "als" in Yiddish and the origin of the conjunction "vot": influence of the Slavic languages on the syntactic structure of Yiddish. *Vest. LDU* 23 no. 20:147-158 O '83.

- 53 Russian
Ogdenova, I. M. - Category of aspect-based on material of the Russian language. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 104-111 '84.
- 53.1 Derivational connections of paired nouns ending in "-ia" and "-in" with verbs in the perfective and imperfective aspects. *Uch. zap. OGU* no. 64:70-79 '84.
- 53.2 Conditions of the origin of suffix expressions of words in context. *Uch. zap. OGU* no. 63:93-101 '84.
- 53.3 Semantic changes in a clothing dictionary. *Uch. zap. OGU* no. 63:163-171 '84.
- 53.4 History of forms of the dative singular masculine ending in "-ovi" in the Russian language. *Uch. zap. OGU* no. 63:163-170 '84.
- 53.5 Paleographic observations on entries and additions on old Russian parchment manuscripts. *Uch. zap. OGU* no. 63:221-231 '84.
- 53.6 Derivational types of verbs with the prefix "na-". *Uch. zap. OGU* no. 64:47-59 '84.
- 53.7 Notes on minimal-adequate determinations of some linguistic units. *Uch. zap. OGU* no. 63:3-11 '84.
- 53.8 Studying the language and style of I. A. Krylov's works. *Vest. LGU* 23 no. 3:105-114 O '84.
- 53.9 Models of abbreviated suffixal word formation. *Uch. zap. OGU* no. 63:277-287 '84.
- 53.10 Adverbial forms coordinated with short adjective stems. *Uch. zap. OGU* no. 63:235-250 '84.
- 53.11 History of forms of the instrumental case of masculine and neuter singular nouns. *Uch. zap. OGU* no. 64:207-224 '84.
- 53.12 Address and conception based on material of the Serbo-Croatian and Russian languages. *Vest. LGU* 23 no. 3:115-126 O '84.
- 53.13 Development of the students' oral and written speech. *Sred. shkola* no. 4:16-18 Ap '84.
- 53.14 History of dialectal phenomena in the Russian language. *Uch. zap. OGU* no. 63:134-141 '84.
- 53.15 Problem of "penetrability" in the syntactical structure of the Russian language. *Uch. zap. OGU* no. 63:38-40 '84.
- 53.16 Literary vocabulary in dialects: phonetic adaptation of the words borrowed from the literary language. *Vest. LGU* 23 no. 3:127-137 O '84.
- 53.17 A third variation of an assimilative-dissimilative "m"-speaking dialect. *Uch. zap. OGU* no. 64:172-181 '84.
- 53.18 Morphological one of phonetic means. *Uch. zap. OGU* no. 63:12-22 '84.

483(471.43)—Krytyashyev Province
Maknyrina, K. V. - Characterization of dialects of the Bogdanovo District of Krytyashyev Province as one of the dialects of late colonization in connection with the history of their bearers. *Uch. zap. OGU* no. 64:182-204 '84.

483(471)—Aralian R. S. F. S. R.
Pis, V. V. - Methods for studying some trends in the cultural and linguistic development of small nationalities in the northern regions of Eastern Siberia. *Uch. zap. TGU* no. 70:146-176 '84.

483.6 White Russian
Aisloshchak, U. V. - White Russian elements in the Ukrainian writings of the 18th-19th century. *Vest. AN BSSR, Ser. krum. nav.* no. 4:115-123 '84.

53.10.1.1. - Compound complementary sentences with relative pronouns used as conjunctions and conjunctive words; based on materials of the White Russian literary monuments of the 18th-19th century and present-day White Russian dialects. *Vest. AN BSSR, Ser. krum. nav.* no. 4:123-128 '84.

483 Ukrainian
Aisloshchak, U. V. - White Russian elements in the Ukrainian writings of the 18th-19th century. *Vest. AN BSSR, Ser. krum. nav.* no. 4:115-123 '84.

484 Other Slavic languages

Prokofiev, V. P. - Address and conception; based on the material of the Serbo-Croatian and Russian languages. *Vest. LGU* 23 no. 3:115-126 O '84.

481 Other Indo-European languages

Shirova, M. - Some problems in determining the role of prepositions in the explanatory dictionary of the Tajik language. *Izv. Otd. obshchestv. nauk AN Tadzh. SSR* no. 1:4-10 '84.

484.1 Ural-Altaic languages

Kaidova, Dzh. - Structural characteristics of modal words in modern Turkmen. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 1:91-94 '84.

Kotlov, G. - Government of verbs of action in the Azerbaijani and Turkmen languages. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 1:94-101 '84.

5. MATHEMATICS AND NATURAL SCIENCES

580 General
Chashov, V. V. - Correlation of technical and natural sciences. *Uch. zap. TGU* no. 70:87-88 '84.

581.1.1.1. - Subject matter of the general theory of science. *Uch. zap. TGU* no. 70:154-161 '84.

581.1.1.2. - Substance of the concept of "science" and its relative independence. *Uch. zap. TGU* no. 64:52-53 '84.

581.1.1.3. - Chronological role of the presentation of scientific knowledge. *Uch. zap. TGU* no. 70:3-13 '84.

581.1.1.4. - Role of ideas in science and art. *Uch. zap. TGU* no. 70:134-143 '84.

581.1.1.5. - Information bulletin of new foreign books, received by the Lenta Library. Series 1] *Inform. bul. nov. inostr. knig, postap. v Bibl. kn. V. L. Len. Ser. I* 14 nos. 1-5 Ja-P '84.

581.1.1.6. - Concept of scientific fact. *Uch. zap. TGU* no. 70:107-114 '84.

581 Exact sciences in general

581.1.1.1.1. - Mathematics, IU. S. - K. Marx and the problems of modern scientific and technological revolution. *Vop. iz. est. i tekhn.* no. 2:84-108 '84.

581.1.1.1.2. - Series 1] *Inform. bul. nov. inostr. knig, postap. v Bibl. kn. V. L. Len. Ser. I* 14 nos. 1-5 Ja-P '84.

581.1.1.1.3. - Concept of scientific fact. *Uch. zap. TGU* no. 70:107-114 '84.

581.1.1.1.4. - The October Revolution and scientific progress. *Kadrov, B., Mikulashuk, B. - Kommunist* 43 no. 16:35-40 M '84.

581.1.1.1.5. - Plans of the Soviet National Committee of the historians of natural sciences and technology. *Vop. iz. est. i tekhn.* no. 2:123 '84.

581 Natural history in general

581.1.1.1.1. - Mathematics
Ushakov, P. V. - Institute of Fisheries and Oceanography in Varna and the Natural History Museum in Bachevalov. *Vop. iz. est. i tekhn.* no. 2:978-973 '84.

581.7 Nature and wildlife protection. Wildlife management

581.7(470)—European U. S. S. R.
Bekdashyev, P. L. - More attention to the nature protection of the Kama region. *Berezh' priroda Priklum'a* no. 1:6-9 '84.

581.7(471.15)—Volgograd Province
Krishtik, V. V., Kadikov, K. A. - Twenty years of scientific research work at the Darwin Preserve. *Trudy DGS* no. 4:3-8 '84.

581.7(471.15)—Perm Province
Chudinov, S. K. - Role of local studies and school tourism in nature protection. *Berezh' priroda Priklum'a* no. 1:130-135 '84.

581.7(471.15)—First steps (from the experience of the initial organization of Ballad in Kurgan District). *Berezh' priroda Priklum'a* no. 1:136-140 '84.

581.7(471.15)—To teachers and students. *Berezh' priroda Priklum'a* no. 1:141-145 '84.

581.7(477)—Ukrainian S. S. R.
Makymchuk, P. S. - Nature protection in Vinnytsia Province. *Rad. shk.* 47 no. 1:17-22 M '84.

51 MATHEMATICS

51.1.1.1. - Mathematics and sociology
Vop. iz. est. i tekhn. no. 1:104-114 '84.

51.1.1.2. - Contribution of mathematics to production. *Prost. Arm.* 34 no. 8:80-83 '84.

51.1.1.3. - K. Marx and mathematics (on Karl Marx's "Mathematical manuscripts"). *Vop. iz. est. i tekhn.* no. 2:101-113 '84.

51.1.1.4. - Mathematical model of an information transmission system. *Vest. TGU MPB* 27 no. 6:54-59 '84.

51.1.1.5. - The use of mathematics in chemical studies. *Uch. zap. TGU* no. 70:164-170 '84.

511 Arithmetic

511.1.1.1. - Linear form of logarithms of algebraic numbers. *Dokl. AN BSSR* 183 no. 5:1278-1279 '84.

511.1.1.2. - Refined estimates of a linear form in the logarithms of algebraic numbers. *Mat. shk.* 77 no. 3:423-433 M '84.

511.1.1.3. - Integral limit theorems for some classes of additive arithmetical functions (presented on the 60th birthday of A. O. Gel'fand). *Trudy Mosk. mat. ob-va* 18:19-24 '84.

511.1.1.4. - Number of representations of numbers by the forms $x^2 + 3y^2 + 3z^2$ and $x^2 + 3y^2 + 3z^2$. *Soob. AN Gruz. SSR* 61 no. 7:123-20 JI '84.

511.1.1.5. - A method for calculating the convergents of continued fractions of any period by decomposition of \sqrt{D} into a continuous fraction (D is a positive integer). *Nauch. trudy Krusnodar. ped. inst.* no. 4:80-88 '84.

511.1.1.6. - On the quadratic irrationality of \sqrt{D} with given length of the period of its continued fraction. *Nauch. trudy Krusnodar. ped. inst.* no. 4:111-119 '84.

511.2 Theory of numbers

511.2.1.1. - On an extremum problem on the 60th birthday of A. O. Gel'fand. *Trudy Mosk. mat. ob-va* 18:23-30 '84.

511.2.1.2. - On an asymptotic formula. *Trudy Mosk. mat. ob-va* 18:77-83 '84.

511.2.1.3. - Generalization of the concept of the p-rank of graphs. *Dop. AN USSR, Ser. A* 30 no. 11:843-846 N '84.

511.3 Diophantine equations

511.3.1.1. - Rationality of the remainder term in the approximation theorem of Krasovskiy-Weyl. *Teor. funkts. anal. i ikh prilozh.* no. 6:84-88 '87.

512 Algebra

512.1.1.1. - Factorization problem in abstract Banach algebras. Part I. Decomposing algebras. *Mat. issl.* 2 no. 3:23-31 '87.

512.1.1.2. - Experience in psychological analysis of algebraic errors. *Vop. psikhol.* 14 no. 3:103-109 My-Je '84.

512.1.1.3. - Frobenius' theorem on solvability in a group of the equation $x^2 - a$. *Nauch. trudy Krusnodar. ped. inst.* no. 4:119-124 '84.

512.13 Equations and inequalities

512.13.1.1. - Hilbert's analog of A. O. Gel'fand's inequality. *Trudy Mosk. mat. ob-va* 18:45-78 '84.

512.13.1.2. - Differential inequalities and generalized Bernstein conditions. *Izv. mat. eshig.* no. 4:208-214 '84.

512.2 Equations

512.2.1.1. - Note on the equation $x^2 = 5$ in \mathbb{R}_p . *Nauch. trudy Krusnodar. ped. inst.* no. 4:127-133 '84.

512.2.1.2. - Two-tangent methods for non-linear solutions of nonlinear algebraic and transcendental equations. *Vych. i pril. mat.* no. 4:60-97 '87.

512.2.1.3. - Solvability of infinite systems of linear algebraic equations. *Izv. mat. eshig.* no. 4:231-268 '84.

512.31 Polynomials

512.31.1.1. - Factorization of the polynomials $x^n - 1$, $x^n + 1$, $x^{2n} + x^n + 1$, $x^{2n} - x^n + 1$, etc. into irreducible factors. *Nauch. trudy Krusnodar. ped. inst.* no. 4:11-18 '84.

512.3 Interpolation

512.3.1.1. - On the piecewise-polynomial interpolation. *Izv. mat. eshig.* no. 4:146-148 '84.

512.33 Matrices

512.33.1.1. - On the theory of S -matrices of canonical differential equations with evanescent potential. *Dokl. AN Arm. SSR* 48 no. 4:180-183 '84.

512.33.1.2. - Hybrid matrix of an electronic circuit. *Radioelektronika* 23 no. 11:78-84 M '84.

512.3 Vector analysis. Calculus of tensors

512.3.1.1. - A class of representations of canonical commutative relations in quantum field theory. *Dokl. AN BSSR* 183 no. 1:84-89 '84.

513 Geometry

513.1.1.1. - Distribution function of the chord length of an oval and ovaloid and its relation to the diameter distribution inside an oval and ovaloid. *Izv. mat. eshig.* 7 no. 3:408-423 '87.

513.1.1.2. - Construction of surfaces by isolating their continuous linear skeletons from multiparametric sets of lines. *Trudy Un. druzh. nar. Mat.* 26:43-47 '87.

513.1.1.3. - Cyclic skeletons from conic curves. *Trudy Un. druzh. nar. Mat.* 26:66-78 '87.

513.1.1.4. - Some problems affecting the construction of surfaces by means of Fresnel's trihedron. *Trudy Un. druzh. nar. Mat.* 26:23-32 '87.

513.1.1.5. - Convolution of a developable surface based on a given involute. *Trudy Un. druzh. nar. Mat.* 26:113-117 '87.

513.1.1.6. - Construction of line surfaces of higher order from a rectilinear congruence. *Trudy Un. druzh. nar. Mat.* 26:98-99 '87.

513.1.1.7. - Construction of line surfaces of the third and second order from a linear congruence. *Trudy Un. druzh. nar. Mat.* 26:79-84 '87.

513.1.1.8. - Construction of special net-type skeletons. *Trudy Un. druzh. nar. Mat.* 26:44-58 '87.

513.1.1.9. - Some aspects of the geometry of net-type skeletons of transfer surfaces. *Trudy Un. druzh. nar. Mat.* 26:63-67 '87.

513.1.1.10. - Construction of surfaces of the second, third, and higher orders. *Khim. mashinost.* no. 5:41-47 '86.

513 (Continued)

- Paraske, V.S. - Method of plotting plane cross sections of ruled surfaces. *Trudy Khark. polit. inst.* no. 7 67-71 '67.
- Rudikova, M.P. - Kinematics of the generation of a cyclic surface. *Trudy Uzh. druzh. nar. Mst.* 25 100-104 '67.
- Rudikova, M.P. - Surfaces of revolution as envelopes. *Trudy Uzh. druzh. nar. Mst.* 25 104-113 '67.
- Ryzhov, N.M. - Parametrization of surfaces. *Trudy Uzh. druzh. nar. Mst.* 25 113-122 '67.
- Ryzhov, N.M. - Skeleton theory of the conception and construction of surfaces. *Trudy Uzh. druzh. nar. Mst.* 25 122-127 '67.
- Ryzhov, N.M., Jamborakid, A.M., Ozerakova, I.P. - Parametrization of the geometric conditions and an algorithm for solving a set of problems in applied geometry of surfaces. *Trudy Uzh. druzh. nar. Mst.* 25 128-133 '67.
- Tarakanov, I.I. - Problem of optimum approximation of a curvilinear profile by means of circumference arcs. *Teor. vychisl. matem.* no. 4 27-35 '67.
- Troshchinskii, R.N. - Two fundamental structural problems. *Trudy Uzh. druzh. nar. Mst.* 25 133-138 '67.

513.3 Solid geometry

- Bakharov, Y.M. - Method for systematic decomposition and listing of members of the decomposition of the determinants of a linear directional graph. *Izv. vuz. ucheb. zav. elektronika.* no. 10 112-119 '68.

513.7 Line and constructive geometry. Complexes. Congruences.

- Bakharov, Y.M. - Invariant points and surfaces of families of planes in A_3 -space. *Litv. mat. zbir.* no. 4 22-30 '68.
- Derjabin, S.A. - On the differentials of a spectral sequence. *Soob. AN Gruz. SSR.* 51 no. 1-2 14-17 '68.
- Sukhachev, L. - Hyperbolicity of bilinear maps projective space. *Litv. mat. zbir.* 7 no. 3 517-523 '67.
- Vasilenko, A.M. - Invariant differential algebras. *Sib. mat. zh.* 9 no. 4 751-773 51-Ag '68.

513.8 Non-Euclidean, multidimensional and other forms of geometry. Functional and Hilbert spaces

- Bogdan, A.A. - Infinitesimal operators of unitary transformations. *Dokl. AN BSSR.* 12 no. 3 223-225 51-Ag '68.
- Dikova, Z.T. - Conditions for the boundedness of sets in an extended K -space. *Sib. mat. zh.* 9 no. 4 804-805 51-Ag '68.
- Dikova, Z.T. - Stability of a sphere in a class of convex surfaces of bounded spectral curvature. *Sib. mat. zh.* 9 no. 4 815-817 51-Ag '68.
- Enikova, T.Kh. - Cauchy problem for a class of nonlinear differential equations of the second order in Hilbert space. *Dokl. AN BSSR.* 12 no. 4 124-126 51-Ag '68.
- Krasikova, A. - Almost contact structures on hypersurfaces of four-dimensional contact manifolds of elliptic and hyperbolic type. *Litv. mat. zbir.* 7 no. 3 523-525 '67.
- Rutitskaya, V.V., Schwarz, A.S. - Duality of functions and density of subspaces. *Sib. mat. zh.* 9 no. 4 840-845 51-Ag '68.
- Milman, V.D., Milman, P.D. - Fixed points of non-compact mappings. *Dokl. AN BSSR.* 12 no. 1 41-44 51-Ag '68.
- Mirzakhani, T.L., Babadzhanyan, A.S., Tengel'man, A.A. - Hilbert spaces of some reproducing kernel and the equivalence of Gaussian measures. *Litv. mat. zbir.* 7 no. 3 459-462 '67.
- Rashtnikov, M.G. - Nonexpanding mappings in a space having a curvature of less than K . *Sib. mat. zh.* 9 no. 4 818-827 51-Ag '68.
- Rashtnikov, M.G. - Some estimates for almost ambivalent surfaces. *Sib. mat. zh.* 9 no. 4 803-817 51-Ag '68.
- Shvedko, R.L. - Fractional-linear transformations with operator coefficients, and operator spheres. *Mat. sb.* 77 no. 3 236-263 51-Ag '68.
- Vukobratovic, M.N. - Convariant operator of stochastic distribution in Banach space. *Soob. AN Gruz. SSR.* 51 no. 1-2 14-17 51-Ag '68.
- Vukobratovic, M.N., Tsel'nik, V. - Some problems concerning the approximation of the optimal value of infinite-dimensional problems of linear programming. *Sib. mat. zh.* 9 no. 4 798-801 51-Ag '68.

513.83 Topology

- Kozlov, E.I. - Structure of the fundamental sets of topological spaces of weight \aleph_1 . *Dokl. AN BSSR.* 12 no. 4 127-129 '68.
- Likhtshteyn, L.K. - Dimensionality of products of manifolds. *Dokl. AN BSSR.* 12 no. 4 127-129 '68.
- Milman, V.D., Milman, P.D. - Fixed points of non-compact mappings. *Dokl. AN BSSR.* 12 no. 1 41-44 51-Ag '68.
- Smolov, L.L. - Some conditions of extendibility of vector measures. *Sib. mat. zh.* 9 no. 4 827-840 51-Ag '68.
- Troshchinskii, R.N. - Conditionally convergent series and some P -spaces. *Teor. funkts. anal. i ikh prilozh.* no. 4 102-107 '67.

515 Descriptive geometry

- Ostapenko, B.N. - A course in descriptive geometry on the screen of closed direct television. *Vest. yuz. shkoly* 26 no. 10 50-53 '68.
- Troshchinskii, R.N. - Study of hyperbolicity. *Trudy Khark. polit. inst.* no. 7 67-71 '67.

516 Analytical geometry

- Kirichenko, T.W., Trunov, A.M. - Determining the transient part of a profile of occlusal teeth. *Teor. vychisl. matem.* no. 4 25-30 '67.

517.1 Mathematical logic

- Baron, L.A. - Periodicity of the sequence of degrees of an automorphic extension. *Uch. zap. Kaz. un.* 124 no. 2 123-126 '64.
- Golovinskiy, M.V. - On the equivalence of formulae implementing transformations of functions in k -valued logic. *Uch. zap. Kaz. un.* 124 no. 2 71-83 '64.
- Kochikarev, B.S. - Resolving sets and minimal disjunctive normal forms for monotone functions of algebra of logic. *Uch. zap. Kaz. un.* 124 no. 2 130-140 '64.
- Krasovskiy, A.I., Stalio, N.V. - Method for the construction of a test for evaluating the work capacity of composite devices. *Izv. vuz. ucheb. zav. elektronika.* no. 10 105-107 '68.
- Likhtshteyn, L.K. - Specialization of the form of derivation in the calculus of predicates with equality and functional symbols. Part 1. *Trudy Mat. inst.* 88 1-35 '68.
- Maslov, S.IU. - Inverse method for determining the derivability of logical entailment. *Trudy Mat. inst.* 88 36-37 '68.
- Musa, G.M. - Decidability of the derivability problem in L_1 calculus for a class of formulae not containing negative entries of quantifiers. *Trudy Mat. inst.* 90 121-126 '68.
- Musa, G.M. - On some cases of modal logic. *Trudy Mat. inst.* 90 127-131 '68.
- Musa, G.M. - On the construction of conservative logical deductions. *Trudy Mat. inst.* 90 131-135 '68.
- Ostapenko, B.N. - On Godel's classes of sequences. *Trudy Mat. inst.* 90 135-144 '68.
- Pliskarskiy, R.A. - The sequential variant of a calculus in constructive logic for normal formulae which does not contain constructional rules. *Trudy Mat. inst.* 90 144-148 '68.
- Podgorniy, V.I. - Functional realizability of sets of formal neurons. *Avtom. i vychisl. tekhn. (Bulg.)* no. 1 77-83 51-Ag '68.
- Trunov, A.M. - Equivalence of formulae relative to a given function of algebra of logic. *Uch. zap. Kaz. un.* 124 no. 2 104-111 '64.

517.2 Differential calculus

- Derjabin, S.A. - On the differentials of a spectral sequence. *Soob. AN Gruz. SSR.* 51 no. 1-2 14-17 51-Ag '68.

517.3 Integral calculus

- Marinkov, V.P., Borodina, K.S., Babits, K.P. - Solubility of problems in aromatic hydrocarbons. *Trudy UREA* no. 24 177-183 '68.
- Trifilov, T. - Use of the middle-point method in certain spatial cases. Part 2. *Litv. mat. zbir.* no. 4 262-265 '68.

517.382 Numerical calculation of definite integrals. Approximate methods. Quadrature formulas

- Likhtshteyn, M.I.A. - A highly accurate cubature formula. *Vychisl. prikl. matem.* no. 4 137-140 '67.
- Mikhailov, I.U.S. - On the convergence of cubature processes. *Vychisl. prikl. matem.* no. 4 118-123 '67.

517.43 Operators (mathematical). Invariants

- Chernovskiy, D.M. - Operator group in the problem of reflection for multipoint. *Teor. funkts. anal. i ikh prilozh.* no. 4 108-114 '67.
- Derjabin, S.A. - Analytical construction of the resolvent of a perturbed self-adjoint operator through a continuous spectrum. *Dokl. AN BSSR.* 12 no. 1 1-4 51-Ag '68.
- Egorov, I.U.V. - A class of pseudodifferential operators. *Dokl. AN BSSR.* 12 no. 4 127-129 '68.
- Kudry, G.L. - Systems of pseudodifferential equations with simple real characteristics. *Mat. sb.* 77 no. 3 174-200 '68.
- Ostapenko, B.N. - Multiplicative representations of J -nonexpanding operator functions. Part 1. *Mat. sb.* 77 no. 3 18-31 '67.
- Rashtnikov, M.G. - Continuity of matrix operators in sequence spaces. *Litv. mat. zbir.* no. 4 249-250 '68.
- Rashtnikov, M.G. - Description of all solutions of the truncated power problem of moments and some problems affecting operators. *Mat. sb.* 77 no. 3 114-123 '67.
- Laptev, G.I. - Linearization of some operator equations nonlinearly depending on the parameter. *Litv. mat. zbir.* no. 4 117-120 '68.
- Pliskarskiy, R.A., Rudkov, M.K. - First boundary value problem for a convolution operator in a cone. *Mat. sb.* 77 no. 3 223-280 '68.
- Smolov, L.L., Shchegolev, L.A. - Dirichlet's series for elliptic operators. *Dokl. AN BSSR.* 12 no. 4 128-131 '68.

- Vukobratovic, B.N. - Analytic properties of the resolvent for a class of bounded operators. *Mat. sb.* 77 no. 2 250-256 '68.

- Vukobratovic, M.N. - Convariant operator of stochastic distribution in Banach space. *Soob. AN Gruz. SSR.* 51 no. 1-2 14-17 51-Ag '68.
- Vukobratovic, I.U.M. - On strictly contractive operators. *Litv. mat. zbir.* 7 no. 3 260-263 '67.

- Zolotarev, R.L. - Operators of the Carleson type. *Sib. mat. zh.* 9 no. 4 823-833 51-Ag '68.

517.5 Theory of functions

- Ablov, V.A., Agabekov, S.A. - Approximation of entire functions by Fourier-Hermite series. *Dokl. AN BSSR.* 12 no. 4 124-126 '68.
- Abramson, L.A., Rudkov, A.P., Makarova, L.L. - Linear connectivity in C^2 . *Sib. mat. zh.* 9 no. 4 811-813 '68.
- Baron, L.A., Vekhov, P.P. - On an extremum on the 40th birthday of A. O. Gel'fond. *Trudy M. nat. ob-va* 18 1305 '68.
- Bulshakov, D.I. - Use of test functions in complex methods for searching the extrema of functions of several variables. *Avtom. i vychisl. tekhn. (Bulg.)* 13-15 51-Ag '68.
- Derjabin, S.A. - Analytical representation of Riemann ζ -function in any part of a complex plane. *Dokl. AN BSSR.* 12 no. 4 128-131 '68.
- Derjabin, S.A. - Extension of the quasi-analytic Denjoy-Carleman classes. *Izv. AN Arm. SSR.* 12 no. 3 111-114 '68.
- Malinetskiy, A.S. - Some asymptotic formulae for multiple functions and their applications. *Litv. mat. zbir.* 7 no. 3 536-546 '67.
- Podgorniy, V.P. - Generalized orthogonality of trigonometric functions with discrete argument. *AN URSS. Ser. A* 30 no. 11 1011-1018 '68.
- Prizman, G.A. - Relation between the increase in maximum module of an entire function and the increase in the maximum module of its generalized Dirichlet form. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Radikov, A.A. - Approximation of functions by L_2 interpolation polynomials in a complex domain. *AN Arm. SSR.* 12 no. 4 113-115 '68.

- Rashtnikov, M.G. - Differential-difference and L_2 functions. *Dokl. AN BSSR.* 12 no. 3 208-211 '68.

- Rashtnikov, M.G. - Multiplicative representations of J -nonexpanding operator functions. Part 1. *Mat. sb.* 77 no. 3 12-31 '67.

- Rashtnikov, M.G. - Normal solvability and index of a operator function. *Izv. AN Mold. SSR.* no. 11 1-2 '68.

- Rashtnikov, M.G. - Spectrum analysis of bounded functions on a semigroup. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Existence of solutions for a system of differential equations along the whole line and L_2 functions. *Mat. sb.* 77 no. 11 1015-1018 '68.

- Rashtnikov, M.G. - Quasi-analytic stochastic process. *Teor. funkts. anal. i ikh prilozh.* no. 4 120-123 '67.

- Rashtnikov, M.G. - Boundary value problems for linear configurations for functions holomorphic in bi-cylindrical regions. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Generalized Herglotz function of the elements of the causal H -matrix. *Dokl. AN BSSR.* 12 no. 4 124-126 '68.

- Rashtnikov, M.G. - Some integral transformations for the case of functions. *Uch. zap. Kaz. un.* 124 no. 2 123-126 '64.

- Rashtnikov, M.G. - Study of topics "Functions and identical convergence" in the H grade. *Rad. shk.* 47 no. 11 70-78 '68.

- Rashtnikov, M.G. - Description of all solutions of the truncated power problem of moments and some problems affecting operators. *Mat. sb.* 77 no. 3 114-123 '67.

- Rashtnikov, M.G. - Linear mappings containing a parameter. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Continuation of L_2 positive functions defined in a strip. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Expansion in eigenfunctions in a H region. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Some relations for Green's function of an automorphic lattice. *Izv. AN Mold. SSR.* no. 11 1-2 '68.

- Rashtnikov, M.G. - A property of the polarization operator of an automorphic lattice. *Izv. AN Mold. SSR.* no. 11 1-2 '68.

- Rashtnikov, M.G. - On singular points of functions representable by Dirichlet's series. *Litv. mat. zbir.* 7 no. 3 546 '67.

- Rashtnikov, M.G. - Theorem on the argument of almost periodic functions of several variables. *Litv. mat. zbir.* 7 no. 3 549-553 '67.

- Rashtnikov, M.G. - Measurability of symmetrically entire functions. *Teor. funkts. anal. i ikh prilozh.* no. 4 123 '67.

- Rashtnikov, M.G. - Expansion in the organization of class course in mathematics. *Rad. shk.* 47 no. 11 74-79 '68.

- Rashtnikov, M.G. - Series in Fourier's series and functions of class $W(L)$. *Sib. mat. zh.* 9 no. 4 863-878 51-Ag '68.

- Rashtnikov, M.G. - Generalized automorphic functions. *Sib. mat. zh.* 9 no. 4 880-890 51-Ag '68.

- Rashtnikov, M.G. - Note on the fundamental integral representation of p -analytic functions with the characteristic $p \neq 2$. *Vychisl. prikl. matem.* no. 4 144-148 '67.

- Rashtnikov, M.G. - Existence of singular points in functions which may be represented by the Laplace integral. *Dokl. AN BSSR.* 12 no. 3 230-234 '68.

- Rashtnikov, M.G. - Nonexpanding mappings in a space having a curvature of less than K . *Sib. mat. zh.* 9 no. 4 818-827 51-Ag '68.

- Rashtnikov, M.G. - Asymptotic decomposition of sequences generated by an iterative process. *Litv. mat. zbir.* no. 4 261-263 '68.

- Rashtnikov, M.G. - An analog of the canonical product of entire functions of several complex variables. *Trudy M. nat. ob-va* 18 134-136 '68.

- Rashtnikov, M.G. - Reliability of a system with stochastic and renewal time. *Litv. mat. zbir.* 7 no. 3 500-513 '67.

517.5 (Continued)

- Shidlovskii, A. B. - Algebraic independence of the values of some hypergeometric E-functions. *Trudy Mosk. mat. ob-va* 18 55-61 '68.
- Tartakovskii, I. L. - Optimum approximation with the aid of piecewise-continuous functions and its application to synthesis of mechanisms. *Teor. mekh. i mash.* no. 4 32-38 '67.
- Volkov, I. U. - Boundary properties of a class of functions, analytical in a circle. *Dokl. AN URSSR, Ser. A* 30 no. 11:956-972 M '68.
- Yakubovskii, V. P. - Bases and isomorphism of function spaces analytic in convex regions of several variables. *Teor. funkts. anal. i ikh prilozh.* no. 6:15-18 '67.
- Zinorovich, V. A., Barabchenko, V. P. - Relation of integral representations of the Riemann ζ -function with double series and integral representations of this function in any part of a complex plane. *Dokl. AN URSSR, Ser. A* 30 no. 11:959-972 M '68.

517.512 Series

- Andrianov, A. M. - Rationality of Boole's multiple series of a complete linear group and Hilbert's hypothesis on Boole's series of a symplectic group. *Dokl. AN SSSR* 183 no. 1:9-11 '68.
- Kravtchenko, Y. O. - Representations of polynomial roots in the form of power series and infinite determinants. *Vych. i prilozh. mat.* no. 4:70-88 '67.
- Maslovskaya, M. S. - Convergence of interpolation series. *Lit. mat. sbor.* 7 no. 3:471-481 '67.
- Olevskii, A. M. - Some characteristics of Fourier series in $L(p, q)$ spaces. *Mat. sbor.* 77 no. 3:251-268 O '68.
- Oskolkov, L. A. - On singular points of functions representable by Dirichlet's series. *Lit. mat. sbor.* 7 no. 3:483-490 '67.
- Petrovskii, M. D. Series in Liouville's system and functions of class $\Pi^1(W(L))$. *Mat. mat. sbor.* 9 no. 4:363-379 JI-Ag '68.
- Smalov, V. K., Mikhomarov, I. A. - Dirichlet's series for elliptic operators. *Dokl. AN SSSR* 183 no. 6:1250-1252 '68.
- Troianetski, Stanislav. - Conditionally converging series and some F -spaces. *Teor. funkts. anal. i ikh prilozh.* no. 5:102-107 '67.
- Vitanov, L. V., Kholodovskii, A. M. - Note on Yu. Ivar's theorem on the lower bound for moduli of zeros of power series. *Vych. i prilozh. mat.* no. 4:141-144 '67.

517.544 Dirichlet's problem. Boundary value problem

- Chaparov, V. M. - Solution of the first boundary value problem for a strip with cuts. *Dokl. AN URSSR, Ser. A* 30 no. 11:1010-1012 M '68.
- Danilov, I. U. A. - An approximate method for solving a three-dimensional Dirichlet problem. *Dokl. urav.* 4 no. 11:1111-1116 M '68.
- Didenko, V. I., Danilovskii, V. I. - Solution of problems involving flexure of prismatic rods for multiply connected domains. *Vych. i prilozh. mat.* no. 4:185-188 '67.
- Gastria, O. N., Landis, D. Sh., Marshenko, V. A. - A limiting case of the second boundary value problem. *Teor. funkts. anal. i ikh prilozh.* no. 5:118-120 '67.
- Ginsko, V. P. - Classical solutions of boundary value problems for degenerate second-order elliptic equations in arbitrary smooth regions. *Teor. funkts. anal. i ikh prilozh.* no. 6:177-178 '67.
- Kukichay, V. A. - Boundary value problems involving linear conjugation for functions holomorphic in bi-cylindrical regions. *Teor. funkts. anal. i ikh prilozh.* no. 6:177-178 '67.
- Kukichay, V. A. - Solvability of boundary value problems satisfying Hornstein's conditions. *Dokl. urav.* 4 no. 11:1135-1140 M '68.
- Krasnikov, S. M. - Boundary value problems for degenerate elliptic equations of the second order. *Mat. sbor.* 77 no. 3:250-254 M '68.
- Lapin, A. - Existence of the solution of a nonlinear boundary value problem for an ordinary differential equation of the n -th order with a singularity at the ends. *Lit. mat. sbor.* no. 4:185-188 '68.
- Lapin, A., Lapin, A. - Existence of the solution of a three-point boundary value problem for an ordinary differential equation of the third order. *Lit. mat. sbor.* no. 4:187-190 '68.
- Lisachenko, I. M. - Eigenvalues of rectangular membranes with cuts. *Vych. i prilozh. mat.* no. 4:13-15 '67.
- Litvin, O. M., Hvashev, V. I., Aronovskii, V. K. - Solution of a class of boundary value problems with mixed boundary conditions for regions of complex shape. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Lobachevskaya, I. G. - Boundary value problems for biharmonic equations of higher order. *Dokl. urav.* 4 no. 11:1011-1016 M '68.
- Plamenovskii, B. A., Udovik, M. K. - First boundary value problem for a convolution operator in a cone. *Mat. sbor.* 77 no. 3:223-230 O '68.
- Shelov, G. V., Khramov, K. I. A. - Passage of sound waves through narrow channels in a reflecting layer. *Teor. funkts. anal. i ikh prilozh.* no. 6:140-160 '67.
- Shelov, M. I., Kovtchenko, B. S. - An iterative process for solving a linear programming problem. *Vych. i prilozh. mat.* no. 4:104-106 '67.

517.5 Integrals

- Ladokhin, V. I. - The continuous integral $\int_0^T \int_0^T \tau_1(\tau) d\tau$ over a quasi-measure induced by an equilibrium parabolic according to G. E. Shilov. *Uch. zap. Kaz. un.* 124 no. 3:30-31 '64.

Rode, L. O., Shamonko, I. R. - Multidimensional singular integrals in classes of general higher moduli of smoothness. *Mat. mat. sbor.* 9 no. 4:523-536 JI-Ag '68.

517.5 Differential equations

- Akhmetiev, A. V., Sapozhnikov, M. P. - Solution of the minimal surface equation using the method of finite differences. *Lit. mat. sbor.* 7 no. 3:373-378 '67.
- Bokunovich, A. B. - Regularization algorithms for linear equations with unbounded operators. *Dokl. AN SSSR* 183 no. 1:13-14 '68.
- Bublik, B. M. - On the eigenvalues of a biharmonic equation for a rectangle with mixed boundary conditions on one or several sides. *Vych. i prilozh. mat.* no. 4:34-40 '67.
- Bublik, B. M. - Use of the method of summary representations in determining the eigenvalues of a biharmonic equation for a rectangle with cuts. *Vych. i prilozh. mat.* no. 4:132-136 '67.
- Chalenko, P. I. - Use of the method of summary representations in solving some problems for a biharmonic equation. *Vych. i prilozh. mat.* no. 4:61-64 '67.
- Daletsky, I. U., Korobkov, I. A. - An operator differential equation with a regular singular point. *Dokl. AN URSSR, Ser. A* 30 no. 11:871-873 M '68.
- Danylovich, V. P. - Theorem of existence of a limited solution of the inverse problem of logarithmic potential. *Dokl. AN URSSR, Ser. A* 30 no. 11:877-880 M '68.
- Drozdov, L. O., Petrovskii, V. I. - Parabolic equation with piecewise-smooth coefficients to describe a moving medium. *Dokl. AN URSSR, Ser. A* 30 no. 11:889-893 M '68.
- Dubinskii, I. U. A. - Quasi-linear elliptic-parabolic equations. *Mat. sbor.* 77 no. 3:354-356 M '68.
- Dubinskii, A. V. - Ritz's method for a nonlinear equation. *Dokl. AN URSSR, Ser. A* 30 no. 11:894-896 M '68.
- Dubinsky, T. D. - System of equations in the theory of a boundary layer for steady flow of an incompressible liquid. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Kukichay, V. A. - Couchy problem for a class of nonlinear differential equations of the second order in Hilbert space. *Dokl. AN URSSR* 183 no. 6:1254-1257 '68.
- Kukichay, V. A. - Boundedness conditions and classification of cells of a three-dimensional dynamical system without closed trajectories. *Dokl. AN SSSR* 183 no. 6:1283-1288 '68.
- Kukichay, V. A. - Systems of pseudodifferential equations with simple real characteristics. *Mat. sbor.* 77 no. 3:174-200 O '68.
- Foller, M. M. - Polyharmonic equation in a function space. *Dokl. AN URSSR, Ser. A* 30 no. 11:1005-1011 M '68.
- Ginsko, V. P. - Solution of the dynamics of a diesel generator with gas-turbine supercharging. *Trudy TSNIMF* 14 no. 84:105-117 '68.
- Ginsko, V. P. - Classical solutions of boundary value problems for degenerate second-order elliptic equations in arbitrary smooth regions. *Teor. funkts. anal. i ikh prilozh.* no. 6:177-178 '67.
- Ginsko, V. P. - Degenerate linear differential equations. Part 2. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Ginsko, V. P. - Appearance of discontinuities in conjugating the solutions of nonlinear mixed problems for hyperbolic equations on a plane. *Dokl. AN SSSR* 183 no. 6:1283-1288 '68.
- Aronov, M. G. - Stability of an automatic control system with variable structure. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Lisachenko, A. A. - Existence of solutions for a system of differential equations along the whole line and Liapunov's functions. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Kabatia, V. P. - Inverse problems in Hilbert space for linear equations with unbounded linear operators. *Lit. mat. sbor.* 7 no. 3:413-421 '67.
- Kukichay, V. A. - Three theorems on nonlinear equations with monotone operators. *Dokl. AN SSSR* 183 no. 1:33-34 '68.
- Kukichay, V. A. - Smoothness of heat potentials. Part 2. Heat potentials P and Q on surfaces of the type $L = \frac{x^2 + y^2 + z^2}{2} = 0$ and $L = \frac{x^2 + y^2 + z^2}{2} = 1$. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Kukichay, V. A. - Distribution of singular points of the differential equation $y'' + Q(x, y) = 0$ if it has at infinity a special type. *Trudy TSNIMF* 14 no. 84:105-117 '68.
- Kukichay, V. A. - Distribution of singular points of the differential equation $y'' + Q(x, y) = 0$ if the focus is $(0, 0)$. *Trudy TSNIMF* 14 no. 84:105-117 '68.
- Kukichay, V. A. - Stability of systems of stochastic differential difference equations. *Lit. mat. sbor.* no. 4:187-190 '68.
- Kukichay, V. A. - Stability of motion at continuously acting Sato perturbations. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Kukichay, V. A. - Numerical method for finding partially stable singular points of ordinary differential equations. *Dokl. AN SSSR* 183 no. 6:1271-1273 '68.
- Kukichay, V. A. - On the theory of S -matrices of canonical differential equations with symmetric potential. *Dokl. AN URSSR* 40 no. 4:160-165 '68.
- Kukichay, V. A. - Boundary value problems for degenerate elliptic equations of the second order. *Mat. sbor.* 77 no. 3:254-254 M '68.

- Ladokhin, V. I. - The continuous integral $\int_0^T \int_0^T \tau_1(\tau) d\tau$ over a quasi-measure induced by an equilibrium parabolic according to G. E. Shilov. *Uch. zap. Kaz. un.* 124 no. 3:30-31 '64.

- Lavrik, A. F. - On an approximate functional equation of Dirichlet's L-functions, on the 55th birthday of A. O. Gel'fond. *Trudy Mosk. mat. ob-va* 18 61-104 '68.
- Lapin, A. - A priori estimates for an ordinary differential equation of the second order. *Lit. mat. sbor.* no. 4:185-188 '68.
- Lapin, A. - Existence of the solution of a nonlinear boundary value problem for an ordinary differential equation of the n -th order with a singularity at the ends. *Lit. mat. sbor.* no. 4:185-188 '68.
- Lapin, A., Vlasovskii, L. - Generalized Bernstein conditions for systems of ordinary differential equations. *Lit. mat. sbor.* no. 4:183-188 '68.
- Lapin, A., Vlasovskii, L. - Existence of the solution of a three-point boundary value problem for an ordinary differential equation of the third order. *Lit. mat. sbor.* no. 4:187-190 '68.
- Levitski, R. S. - Uniqueness and nonuniqueness theorems on Frobenius's first problem for distributions of Goursat's class. *Dokl. AN SSSR* 183 no. 3:303-304 M '68.
- Lisachenko, M. I. A. - Numerical solution of the Cauchy problem for a class of nonlinear integrodifferential equations. *Vych. i prilozh. mat.* no. 4:183-188 '67.
- Likhtshteyn, L. M. - Application of the principle of the maximum in studying certain classes of equations. *Mat. sbor.* 77 no. 3:141-163 O '68.
- Marcenko, V. A. - Stability of the inverse problem in scattering theory. *Mat. sbor.* 77 no. 3:141-163 O '68.
- Millionashchikov, V. M. - Metric theory of linear differential equations. *Mat. sbor.* 77 no. 3:483-473 O '68.
- Millionashchikov, V. M. - Spectral theory of nonautonomous linear systems of differential equations. *Trudy Mosk. mat. ob-va* 18:147-188 '68.
- Millonov, V. I. - A priori estimates of solutions of elliptic equations in the class of analytic functions. *Dokl. AN SSSR* 183 no. 1:48-48 '68.
- Nasrakov, K. A. - Methods for approximating trajectories to a singular point. *Dokl. urav.* 4 no. 11:1040-1055 M '68.
- Pedavitskaya, V. - Rhombic and rhomboidal nets in three-dimensional Euclidean space. *Lit. mat. sbor.* 7 no. 3:497-504 '67.
- Pisarenko, L. I. - Conditions for the isochronism of systems of two differential equations. *Dokl. urav.* 4 no. 11:1001-1003 M '68.
- Polotskii, G. M., Mikrobogovskii, A. A. - Use of the method of summary representations in solving a biharmonic problem in the theory of elasticity for a semi-circle and a circle with a cut. *Vych. i prilozh. mat.* no. 4:141-144 '67.
- Prokopyov, V. P. - Stability of systems with aftereffects in the critical case of two zero roots. *Dokl. urav.* 4 no. 11:1007-1013 M '68.
- Rabik, L. I. - A system of radial equations describing collisions between electrons and atoms of noble gases. Solution of the equations for the mean atom. *Atom. sbor.* no. 4:163-184 '67.
- Rabinovich, U. - On some extremum problems related to a linear elliptic equation. *Lit. mat. sbor.* no. 4:187-190 '68.
- Rumina, A. G. - Equations of the first kind. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Rozendukha, K. G. - Uniqueness theorem for an inverse problem in heat conduction theory. *Unsteady state. Mat. sbor.* 9 no. 4:506-508 JI-Ag '68.
- Rutitski, M. L. - Solution of a nonlinear problem of the dynamics of the atmospheric boundary layer. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Rutitski, M. L. - The center and focus problem. *Dokl. urav.* 4 no. 11:1005-1010 M '68.
- Shil'shtov, L. P. - On the existence of a periodic motion from a trajectory bi-impulsive to the equilibrium state of the saddle type. *Mat. sbor.* 77 no. 3:468-473 M '68.
- Shirskii, K. R. - Problems of the existence of a center. *Dokl. urav.* 4 no. 11:1007-1013 M '68.
- Shirskii, K. R. - Solving the problem of the center for the differential equation $y'' + Q(x, y) = 0$. *Lit. mat. sbor.* no. 4:187-190 '68.
- Smol'skii, A. I. U. - Deriving equations of the disturbed state of a waste heat regenerator with forced circulation. *Trudy TSNIMF* 14 no. 84:105-117 '68.
- Special type. *Trudy TSNIMF* 14 no. 84:105-117 '68.
- Trubitsyn, M. F. - Criterion of the stability of linear systems with variable coefficients. *Dokl. urav.* 4 no. 11:1004-1010 M '68.
- Trubitsyn, M. F. - Stability of linear stochastic differential equations of the second order with delay. *Lit. mat. sbor.* no. 4:185-188 '68.
- Vainberg, B. R. - Analytic properties of the resolvent for a class of bundles of operators. *Mat. sbor.* 77 no. 3:254-254 O '68.
- Vlasovskii, B. V. - Use of the method of summary representations in solving a mixed phase problem in the theory of elasticity. *Vych. i prilozh. mat.* no. 4:104-106 '67.
- Volkov, M. A. - Stability of Dobrov - Geller's method for first-order equations in Hilbert space. *Mat. sbor.* 9 no. 4:506-508 JI-Ag '68.
- Zhukovskii, I. A. - Method of uniqueness of the solution of the Cauchy problem for second-order equations. *Teor. funkts. anal. i ikh prilozh.* no. 6:178-183 '67.

517.546 Functional equations

- Gol'dberg, A. A. - On a certain functional equation. *Teor. funkts. anal. i ikh prilozh.* no. 6:34-35 '67.
- 517.56 Integral equations
- Khramov, K. B. - Approximate solution of linear integral equations of mixed type with delayed argument using a variant of I. U. D. Sokolov's method. *Dokl. urav.* 4 no. 11:1004-1010 M '68.

- Kashchuk, E. Kh. - Crystallization of a binary alloy forming a solid solution. *L'vov. mat. zh.* no. 4:132-143 '84.
- Kashchuk, E. Kh. - Crystallization of binary eutectic alloy. *L'vov. mat. zh.* no. 4:123-133 '84.
- Kravtsov, E. A., Moshchuk, A. V. - Diffraction of a plane electromagnetic wave on two parallel radially non-uniform circular plasma cylinders. *Dokl. AN USSR* 28 no. 3:297-301 Apr. '84.
- Kravtsov, E. A. - Approximate solution of a class of singular integral equations. *Dop. AN USSR, Ser. A* 30 no. 11:898-900 M '83.
- Lorenzov, A. M., Valenko, A. P. - Solution of Volterra type integral equations using a Runge-Kutta type method. *Dokl. AN USSR* 28 no. 3:291-294 M '84.
- Narvskiy, A. R. - Some properties of generalized Volterra-type equations. *Dokl. AN USSR* 28 no. 4:145-148 '84.
- Rabinovich, V. S. - The n -dimensional Wiener-Hopf equation for cones. *Teor. funk. anal. i ikh prilozh.* no. 3:58-67 '87.
- Shchukin, L. P. - Onsets of a periodic motion from a trajectory biocyclic to the equilibrium state of the saddle type. *Mat. sb.* 77 no. 3:438-472 M '83.
- Talant, K. R. - Stability of Volterra equations. *Dokl. AN USSR* 28 no. 3:291-294 M '84.
- Ved, I. A., Kiselev, L. M. - Limit problems for differential equations of the second order with retarded argument. *Mat. sb.* 77 no. 4:173-182 JI-Ag '84.
- Vorobeychikov, L. L. - Estimation of the maximum term in the asymptotic expansion of Krasovskiy-Weyl. *Teor. funk. anal. i ikh prilozh.* no. 3:54-58 '87.
- 818 Special methods of calculation. Computing aids. Graphical calculation.**
- Belitskiy, O. A., Gorbachev, V. M. - Methods of selecting optimum technical solutions by combination of criteria. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:78-84 '83.
- Belitskiy, O. A., Gorbachev, V. M. - Optimal topology of the network of mining operations. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Chumakov, D. M. - Operator group in the problem of reflection for multipoles. *Teor. funk. anal. i ikh prilozh.* no. 3:58-67 '87.
- Dimitriy, J. - Properties of some polynomials linked with matrices of system and sets of graphs. *L'vov. mat. zh.* no. 4:39-71 '84.
- Dmitriy, G. P. - Network method of selecting a partial subgraph with given properties on the multigraph. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Makarenko, V. I. A. - Determining optimum parameters for mechanical slopes in flat mines. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:44-47 '83.
- Milgromskiy, K. I., Gerdovskiy, V. K. - Computing schemes in the matrix drift method. *Vychisl. tekhn. i fiz. nauch. i ikh prilozh.* no. 4:133-138 '87.
- Pol'kov, V. O., Kravtsov, E. A. - Numerical solution of the problem of the method of successive representations to inverse problems in percolation theory. *Vychisl. tekhn. i fiz. nauch. i ikh prilozh.* no. 4:133-138 '87.
- Orlovskiy, K. - Planar homogeneous graphs of degree three without Hamiltonian cycles. *L'vov. mat. zh.* no. 4:39-71 '84.
- Krasovskiy, M. D., Krasovskiy, E. R. - Analysis method of calculating the absorption scheme. *Mat. i mekhanika* no. 4:71-78 '84.
- Milgromskiy, K. I. - Industrial distribution of the production of a mine by shifts. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Milgromskiy, K. I. - Method of determining the annual capacity of a mine. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Milgromskiy, K. I., Dmitriy, V. M. - Nonlinear problem of the distribution of resources. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Milgromskiy, K. I., Dmitriy, V. M. - Distribution of ore crop by blocks. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Orlovskiy, K. - Analysis of network schemes graphs by the iteration method. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Rabinovich, G. K. - Calculation of networks along the principle of minimum capacity. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Rogov, K. I., Bely, S. V. - Stochastic method of determining degrees of the effect of phase variables on the optimization criteria in mathematical modeling of large systems. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Shchukin, L. P., Orlovskiy, A. M., Priznak, L. I. - Network methods in planning and organization of the repair of blast furnaces. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Timofeev, T. - Use of the saddle-point method in certain special cases. Part 2. *L'vov. mat. zh.* no. 4:39-71 '84.
- Timofeev, T. - Mathematical model of the opening of a mining area. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Yak, S., Rabinovich, G. K. - Optimal policy in controlling ventilation networks. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:34-38 '83.
- Zolotarev, A. M., Shagov, I. V., Rabinovich, V. I. - Network methods as a means of operations planning and management in assembly shops. *Kom. i organ. prom. protv.* no. 3:140-144 '84.

- 819(44) - France**
- A. V. - Computerized astrology. *Nov. vrazh.* 24 no. 50: 52 D '82.
- 819 Mathematical games**
- Isakovskiy, E. B. - Asymptotic games played in fractional spaces. *L'vov. mat. zh.* 7 no. 3:47-57 '87.
- Krasovskiy, E. B. - A differential game for redress of controlled objects. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Petrovskiy, L. A. - A class of games of kind. *Izv. AN Arm. SSR, Mat.* 3 no. 3:345-358 '83.
- Vakrushev, S. - A stochastic dynamic game based on repetition of the bimatrix game. *Mat. sb.* 77 no. 3:261-277 '83.
- Vakrushev, S. - Generalization of the concept of the p -sum of graphs. *Dop. AN USSR, Ser. A* 30 no. 11:898-900 M '83.
- Vakrushev, S. - Attention, it is an exponential curve. *NTS* 10 no. 11:6-13 M '84.
- 819 Probability theory**
- Isakovskiy, E. B. - Central limit theorems of sums of discrete renewal processes. *L'vov. mat. zh.* 7 no. 3:261-277 '83.
- Isakovskiy, E. B., Zakharov, V. A. - Convergence of some functions composed with two-dimensional normal distribution. *L'vov. mat. zh.* 7 no. 3:261-277 '83.
- Isakovskiy, E. B. - A random variable implying a certain applicable class of random variables. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Some generalizations in the theory of stochastic automata. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Lower limit for estimating the rate of convergence in a local theorem. *L'vov. mat. zh.* 7 no. 3:261-277 '83.
- Isakovskiy, E. B. - Distribution function of the second length of an oval and ovaloid (its relation to the distance distribution inside an oval and ovaloid). *L'vov. mat. zh.* 7 no. 3:261-277 '83.
- Orlovskiy, E. B. - Processes stationary relative to a certain linear group of transformations. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Orlovskiy, E. B., Orlovskiy, O. V. - On a Gaussian process of a special kind. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Quasi-analytical stochastic processes. *Teor. funk. anal. i ikh prilozh.* no. 3:58-67 '87.
- Krasovskiy, E. B., Isakovskiy, E. B., Orlovskiy, E. B. - Use of the method of statistical processing for the detection of characteristics of NRO in local lesions of the brain. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Isakovskiy, E. B., Isakovskiy, E. B. - Integral limit theorems for some classes of additive stochastic functions (first stated on the 60th birthday of A. O. Gal'vond). *Trudy Mosk. mat. ob-va* 18:13-14 '83.
- Isakovskiy, E. B. - Solution of the problem of the asymptotic behavior of natural numbers in the problem of the formation and the role of mathematical methods in mineralogical crystallography. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Stochastic generalization of metric spaces. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Measurement volume and prediction in measuring the behavior of the wool-spinning industry. *Teor. funk. anal. i ikh prilozh.* no. 3:58-67 '87.
- Isakovskiy, E. B. - Probabilities of large deviations for the sum of a random number of independent random variables. *L'vov. mat. zh.* 7 no. 3:261-277 '83.
- Isakovskiy, E. B. - A family of uniform nets of normal neurons. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Isakovskiy, E. B. - Estimation of distribution parameters by Isakovskiy's method of the minimum χ^2 and criterion χ^2 in the parametric case. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Testing the hypothesis of normal distribution by small samples (multidimensional case). *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B. - Discrete analysis of a certain uniform degree. *Trudy Kish. polit. i ikh prilozh.* no. 7: 18-24 '87.
- 819 Mathematical statistics**
- Chernovskiy, V. I. - Correlative analysis of the cost of precision casting. *Kom. i organ. prom. protv.* no. 3: 140-144 '84.
- Chernovskiy, V. I. - Improving planning for the consumption of coke in an important petrochemical for reducing the cost of iron. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Derg, V. A., Korov, S. G. - Mathematical model of life-support system. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Orlovskiy, E. B., Krasovskiy, E. B., Orlovskiy, E. B. - Planning of a single-factor chemical experiment. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Orlovskiy, E. B. - Calculating the progressive percentage of fulfilling the output norm. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Orlovskiy, E. B., Derg, V. A. - Statistical studies of sequences in stochastic. *L'vov. mat. zh.* no. 4:39-71 '84.
- Krasovskiy, E. B., Isakovskiy, E. B. - Effect of the duration of hidden delay on the hourly production of sheet rolling mills. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Isakovskiy, E. B., Chernovskiy, E. B., Fedorov, I. V. - Statistical processing of experimental data on extrusion forces. *Sbor. trud. Tsvetmet* no. 2:14-18 '87.
- Isakovskiy, E. B., Lipina, L. N. - Determining the minimum volume of a sample for a reliability test by the Wald distribution. *Sbor. trud. Tsvetmet* no. 2:14-18 '87.

- Krasovskiy, E. B., Isakovskiy, E. B., Fedorov, I. V. - Improving the use of capital production funds in the coal industry of the Ukrainian S. S. R. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Isakovskiy, E. B., Isakovskiy, E. B., Priznak, L. I. - Forecasting the duration of the open hearth process. *Kom. i organ. prom. protv.* no. 3:140-144 '84.
- Isakovskiy, E. B. - Use of mathematical methods in solving managerial work problems. *Uch. zap. Kaz. un.* 134 no. 3:64-70 '84.
- Isakovskiy, E. B., Priznak, L. I. - Statistical properties of a field scattered by a rough surface. *Izv. vuz. uch. zap. kaz. un.* 134 no. 3:64-70 '84.
- 819 Calculus of variations. Functional analysis**
- Isakovskiy, E. B. - Interpolation of functions of several variables in a phase space. *Trudy Inst. gor. dok. AN Kazakh SSR* 22:78-84 '83.
- Isakovskiy, E. B. - Optimization of a class of dynamic systems. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Isakovskiy, E. B. - Integration of continuous bounded functionals on a function space. *Trudy Mosk. mat. ob-va* 18:13-14 '83.
- Isakovskiy, E. B., Isakovskiy, E. B. - Extension of variational problems. *Trudy Mosk. mat. ob-va* 18:13-14 '83.
- Isakovskiy, E. B., Isakovskiy, E. B. - Functional derivatives in thermodynamics. *Izv. AN Mold. SSR* no. 1: 140-144 '83.
- Isakovskiy, E. B. - A transformation of extremal problems. *L'vov. mat. zh.* no. 4:39-71 '84.
- 819 Theory of groups**
- Isakovskiy, E. B. - Rationality of Hecke's multiple series of a complete linear group and Shimura's hypothesis on Hecke's series of a symplectic group. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Isakovskiy, E. B. - Isomorphism conditions for some modular structures. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Semigroups generated by linear systems of the natural type. *Sob. AN Gruz. SSR* 2 no. 1:1-10 JI '87.
- Isakovskiy, E. B. - On a class of WJP-loops. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Locally inverse quasi-groups and loops. *Izv. AN Mold. SSR* no. 1:1-10 JI '87.
- Isakovskiy, E. B. - Note on the equation $x^n = 6$ in S_n . *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Borel points and minimal sets in partially ordered dynamic systems. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Multiplication tables for finite quasi-groups and semigroups. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - New families of Mal'tsev operations. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - On free products of loops with a finite number of generators. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B., Isakovskiy, E. B. - Relatively convex subgroups of ordered groups. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Unstable semigroups of transformations. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B., Isakovskiy, E. B. - Pseudo-subgroups of Lie groups presented on the 60th birthday of A. O. Gal'vond. *Trudy Mosk. mat. ob-va* 18:13-14 '83.
- Isakovskiy, E. B. - Geometrical problems affecting certain modular quasi-groups. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - On extraneous decompositions. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Frobenius' theorem on solvability is a group of the equation $x^n = 6$. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Ideals of a semigroup of endomorphisms of a certain type of partially ordered sets. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Some properties of a semigroup of automorphisms of a group. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Linear groups over rings. *Mat. sb.* 77 no. 3:438-472 M '83.
- 819 Algebraic fields, rings, ideals**
- Isakovskiy, E. B. - Baur's topological radical and the decomposition of rings. *Izv. AN Mold. SSR* no. 1:1-10 JI '87.
- Isakovskiy, E. B., Krasovskiy, E. B. - Lie algebras with supplementary structure. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Isolated subalgebras in noncommutative rings. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - On quasi-ternary ideals. *Mat. sb.* 77 no. 3:438-472 M '83.
- Isakovskiy, E. B. - Structure of irreducible representations with the leading vector of semisimple Lie algebras. *Dop. AN USSR, Ser. A* 30 no. 11:898-900 M '83.
- Isakovskiy, E. B. - Embeddings of radicals. *Izv. AN Mold. SSR* no. 1:1-10 JI '87.
- Isakovskiy, E. B. - On primality. *Mat. sb.* 77 no. 3:438-472 M '83.
- 819 Theory of sets**
- Isakovskiy, E. B. - Complexity of programs recognizing natural numbers not exceeding n as belonging to a recursively enumerable set. *Dokl. AN USSR* 28 no. 3:297-301 M '84.
- Isakovskiy, E. B. - Different concepts of the limit directivity of closed sets. *Izv. AN Mold. SSR* no. 1: 140-144 '83.

Kozlov, E. L. - Projective sets of topological spaces of weight γ . Dokl. AN SSSR 183 no. 1:37-40 '85.
Kozlov, E. L. - Structure of the fundamental sets of topological spaces of weight γ . Dokl. AN SSSR 183 no. 8: 1288-1290 '85.
Pavlov, E. A. - On some classes of hyperimman sets. Izv. AN Mold. SSR, no. 11:38-32 '83.
Shirskii, K. S., Stakht, A. M. - Limit properties of partially ordered disperse dynamic systems. Izv. AN Mold. SSR, no. 11:43-49 '83.
Strigalo, A. M. - Ideals of a semigroup of endomorphisms of a certain type of partially ordered sets. Mash. teoryi Krasnodar, ped. inst. no. 41:9-19 '83.

§18.3 Information theory and cybernetics

Bocharov, N. P., Dzhirhava, M. S. - Structural methods in the theory of control. Uch. zap. TGU no. 84:3-12 '80.
Dzhigol, K. P. - Method for automatic indexing and referencing. Sborn. AN Odesk. SSR, 81 no. 1:47-50 '81.
Kulikov, I. I., Sokolov, O. B. - Generalization of Read-Miller codes. Uch. zap. Kaz. un. 124 no. 2:118-120 '84.
Jorgensen, T. L. - Estimation of the interrelation of letters in the Tatar literary language. Uch. zap. Kaz. un. 124 no. 3:141-145 '84.
(Journal of abstracts: Cybernetics) Ref. zhur. ' Kib. no. 8 '85.
Kondratiev, G. V. - Some problems of synthesis from the viewpoint of the theory of general systems. Sborn. AN Odesk. SSR, 81 no. 1:41-48 '81.
Krasovskii, G. A. - Symposium held in Leningrad. Avtom., telemekh. i svyaz' 13 no. 10:25 O '80.
Ljanskii, V. I. A. - Structure of meiotic action. Probl. tekh. psikh. no. 3:178-197 '85.
Nevel'skii, P. B. - Volume of memory and the amount of information. Probl. tekh. psikh. no. 3:19-118 '85.
Polikhin, T. T. - Models in philosophy and biology. Sborn. tekh. psikh. no. 10:67 '85.
Rykhin, V. V., Sereda, O. K. - Some conditions for the effective use of memory in a training process. Probl. tekh. psikh. no. 3:17-23 '85.
Rykhin, G. V. - Study of operational memory. Probl. tekh. psikh. no. 3:116-128 '85.
Rykhin, N. L. - Methods for information coding. Probl. tekh. psikh. no. 3:188-178 '85.
Shcherbin, A. N. - Stochastic generalization of metric spaces. Uch. zap. Kaz. un. 124 no. 2:3-11 '84.
Shcherbin, A. N. - A thermodynamic model of adaptation. Dokl. AN SSSR 183 no. 8:138-143 '85.
Statistik, A. N. - Special aspects of analogy and modeling in science and art. Uch. zap. TGU no. 70:28-36 '84.
Zaitseva, L. M. - Genesis of the operations in meiotic action. Probl. tekh. psikh. no. 3:107-117 '85.
Zaitseva, P. I., Zaitseva, V. P. - Study of memory in connection with problems in engineering psychology. Probl. tekh. psikh. no. 3:12-18 '85.

§18.4 ASTRONOMY, SURVEYING, GEODESY

[Astronomy] Ref. zhur. Astron. no. 10-11 O-M '80.
Mikhailov, A. D., Zabolotny, V. P. - Astronomical observations during November and December 1984. Zem. i vesol. no. 5:58-57 S-O '85.

§21 Theoretical astronomy

Artamov, A. V. - Concerning the magnetogravitational capture. Astron. vest. 3 no. 4:230-231 O-D '80.
Chabotarov, G. A. - HILFs gravitational sphere and the stability of satellite orbits. Biol. inst. teor. astron. 11 no. 6:341-358 '85.
Dobrotova, K. V. - Method of asymmetric errors of proper motions and of the secular motion of the pole on the results of determination of secular variations of longitudes. Uch. zap. LGU no. 337:138-144 '85.
Dobrotova, G. M., Aksekov, K. P. - Brief news. Biol. inst. teor. astron. 11 no. 6:400-401 '85.
Ivanov, V. A. - Determination of the astronomical unit and orbital elements of Venus and of the earth by radar observations of Venus. Biol. inst. teor. astron. 11 no. 6:365-378 '85.
Mironov, V. S. - Lagrangian multipliers of the variational problem and isochronous derivatives in the gravitation field of an axisymmetric planet. Uch. zap. LGU no. 337:117-126 '85.
Sofianova, A. S. - Determination of corrections to initial coordinates and velocities of a minor planet from observations made in several oppositions. Biol. inst. teor. astron. 11 no. 6:377-381 '85.

§22 Practical astronomy

Azouev, K. I. - Examples of the complex design of astronomical and geophysical data. Inform. bzil. Mikhvid, boofix, kom. no. 6:133-138 '84.
Brief news. Izv. Krym. astrofiz. obser. 36:274-276 '85.
Dobrotova, V. A., and others. - "The 18" refractor A27-453 with auxiliary equipment of Byuran Station of the Astronomical Observatory of Leningrad State University. Uch. zap. LGU no. 337:88-93 '85.
Gail'skikh, G. B. - Radiotelescopes of extremely high receiving power. Uch. zap. LGU no. 337:87-97 '85.
Gail'skikh, G. B. - Some results of laboratory testing of type PKU-79 photomultipliers with a radiolabel photocathode. Uch. zap. LGU no. 337:77-81 '85.
Ivanov, V. N., Molisev, I. G., Monin, I. I. G. - New radiotelescope of the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. with a 28 m parabolic reflector. Izv. Krym. astrofiz. obser. 36:141-148 '85.
Kozlov, G. V. - Single-channel infrared astrophotometer. Uch. zap. LGU no. 337:68-77 '85.

Mikhov, M. M. - News on telescopes for amateur astronomers. Part 2. Zem. i vesol. no. 5:78-85 S-O '85.
Mikhailov, M. P., Shirskiy, A. V. - Some results in the processing of data obtained with the transit instrument of the Luna service of Leningrad State University. Uch. zap. LGU no. 337:121-128 '85.
Mironov, G. M. - Observation of the solar chromosphere using a large externally darkened coronagraph. Zem. i vesol. no. 5:25-28 S-O '85.
Observations of occultations of stars by the moon in Leningrad. Uch. zap. LGU no. 337:144-148 '85.
Photographs of the minor planet Icarus. Zem. i vesol. no. 5:54 S-O '85.
Popov, G. M. - Two-mirror Cassegrain-type optical systems. Izv. Krym. astrofiz. obser. 36:268-273 '85.
Prodan, L. I., Chernov, K. K. - Photographic photometry in the galaxy NGC 625. Izv. Krym. astrofiz. obser. 36:250-252 '85.
Solonik, M. A. - Experimental prediction cell for the spectrograph of the Astronomical Observatory of Leningrad State University for the determination of Fraunhofer line shifts according to latitude. Uch. zap. LGU no. 337:84-88 '85.

§23 Descriptive astronomy

Ivanov, A. A., Mikhov, V. A. - Some aspects in the study of the surface of particles of micral tron of the Shklov-Alex' meteorite. Mzh. sbor. 2 no. 4:288-294 '87.
Ivanov, I. M. - Some problems concerning the origin and maintenance of magnetic fields in space. Izv. AN SSSR, Mekh. i fiz. 13 no. 4:2-20 '85.
Yaroslav, A. K. - Interrelationship of small bodies and the solar system. Inform. bzil. Mikhvid, boofix, kom. no. 6:11-15 '84.

§23.02 Astrophysics

Artamov, A. V. - Concerning the magnetogravitational capture. Astron. vest. 3 no. 4:230-231 O-D '80.
Bellaiche, T. R. - Colors of symbiotic stars. Izv. Krym. astrofiz. obser. 36:171-178 '85.
Bollard, A. A. - Spectrophotometric investigation of Z And during 1980-1981. Izv. Krym. astrofiz. obser. 36:164-170 '85.
Bollard, A. A., Gersberg, R. E., Godovnikov, M. V. - Formulas, graphs, and tables for the quantitative analysis of hydrogen radiation of emission objects. Izv. Krym. astrofiz. obser. 36:208-219 '85.
Dobrotova, L. M. - Polarization studies of the inner corona. Astron. vest. 3 no. 4:193-197 O-D '80.
Gushakov, P. P. - Photospheric observations of flare stars. Part 4. Photometry in H β . Flow of flares of UV Cet. Izv. Krym. astrofiz. obser. 36:200-204 '85.
Dobrotova, V. A., Polikhov, T. A., Iakovlev, V. A. - Time variations of the polarization of radiation of some variable stars. Uch. zap. LGU no. 337:28-45 '85.
Gersberg, R. E. - Analysis of simultaneous photometric and spectrographic observations of Ad Leo and UV Cet flares. Izv. Krym. astrofiz. obser. 36:177-180 '85.
Gollard, G. P., Chab, A. T. - Investigation of the spectrum of turbulence in the application for stellar atmospheres. Izv. Krym. astrofiz. obser. 36:220-244 '85.
Gorbunov, V. G. - Viktor Amasapovich Aghazizadeh his 60th birthday. Zem. i vesol. no. 5:84-90 S-O '85.
Korovnikov, I. I. P. - Change with altitude of ionization in the atmosphere of a comet. Uch. zap. LGU no. 337:27-31 '85.
Mugler, D. L. - Multiple scattering of light in semi-infinite medium. Uch. zap. LGU no. 337:3-17 '85.
Mikhov, A. A. - Solutions for the structure of Raman spectra of complex stars. Part 2. Uch. zap. LGU no. 337:17-27 '85.

§23.1 Universe and its structure. Cosmology. Space

Vasilevich, V., Zaitsev, I. U. - Space research is an international concern. Nov. vrem. 27 no. 1:16-18 '85.

§23.16 Various cosmic phenomena: dust, rays, etc.

Brak, U. M., and others. - Experimental study of multilevel arrays of radio telescopes UTR-1. Izv. vyz. uch. i tekhn. rad. 11 no. 1:28-43 '85.
Dorman, L. L. - Cosmic rays and the solar wind. Zem. i vesol. no. 5:2-7 S-O '85.
Khanov, V. A., Molisev, I. G. - Observation method of solar radio emission bursts by sharp-directed antennas. Izv. Krym. astrofiz. obser. 36:149-154 '85.
Gail'skikh, G. B., Kuznetsov, B. G. - Possibility of detecting thermal radiofrequency radiation from stars. Uch. zap. LGU no. 337:84-87 '85.
Mikhov, M. M., Solodovnikov, G. K., Kosolov, I. I. A. - Possibility of single-valued experimental calculation of Faraday rotation angle of polarization plane of radio signals transmitted from space objects. Kosm. issl. 8 no. 9:730-738 S-O '80.
Ogasanov, D. B. - Spectrum of relativistic electrons in planetary nebulae with nonthermal radio emission. Dokl. AN SSSR, 183 no. 8:176-178 '85.
Pavlov, V. D., Troshchey, O. A. - Currents of quasi-trapped particles and their interaction in a geomagnetic field (symmetric approximation). Kosm. issl. 8 no. 9:707-718 S-O '80.
Solonik, V. A. - New facts concerning the pulsars. Zem. i vesol. no. 5:50-51 S-O '85.
Stralov, G. M. - Radiation of Venus near λ 1.38 cm. Astron. vest. 3 no. 4:187-190 O-D '85.
Zaitsev, I. U. - New developments in outer space research of Soviet scientists. Nov. vrem. 28 no. 6:114-18 '85.

§23.3 The moon

Academician L. I. Sedov on the "Apollo-8" flight. Nov. vrem. 27 no. 2:12-13 '85.
Bondarenko, L. M. - Polarization studies of the inner corona. Astron. vest. 3 no. 4:193-197 O-D '85.
Chalakov, V. P. - Observations of total lunar eclipses on April 24 and October 10, 1987. Astron. vest. 3 no. 4: 217-220 O-D '85.
Gubin, A. M. and others. - A description mechanism underlying the loss of the lunar atmosphere. Dokl. AN SSSR 183 no. 8:1264-1266 '85.
Mironov, G. M. - Reflection factor of the lunar surface. Izv. vyz. uch. i tekhn. rad. 11 no. 1:147-148 '85.
Zabolov, M. I. and others. - Statistical classification of lunar and Martian ring formations according to diameters. Astron. vest. 3 no. 4:198-210 O-D '85.

§23.4 Planets

Andrianov, M. K. - Some results of visual observations of the red spot Jupiter in 1980-1987. Astron. vest. 3 no. 4: 223-224 O-D '85.
Khalilov, G. M. - Planctological organizations in the U.S.S.R. and in foreign countries. Astron. vest. 3 no. 4:225-226 O-D '85.
Obukhov, A. M., Gail'skikh, G. B. - Estimation of the lower boundary and thickness of the cloud layer on Venus. Kosm. issl. 8 no. 9:756-764 S-O '80.
Photographs of the minor planet Icarus. Zem. i vesol. no. 5:54 S-O '85.
Rizhik, O. M. - Mars. The composition of its surface. Zem. i vesol. no. 5:37-43 S-O '85.
Stralov, G. M. - Radiation of Venus near λ 1.38 cm. Astron. vest. 3 no. 4:187-190 O-D '85.
Sofianova, A. S. - Determination of corrections to initial coordinates and velocities of a minor planet from observations made in several oppositions. Biol. inst. teor. astron. 11 no. 6:377-381 '85.
Tafel, V. G. - Optical properties and the structure of Jupiter's atmosphere. Part 1: Photometric contrasts, molecular absorption, and a possible structure of the dark equatorial band in 1982-1983. Astron. vest. 3 no. 4: 223-225 O-D '85.
Zabolov, M. I. and others. - Statistical classification of lunar and Martian ring formations according to diameters. Astron. vest. 3 no. 4:198-210 O-D '85.

§23.5 Meteors, bolides, fireballs

Dan'kashko, V. I., Yaroslav, A. K., Shcherbin, L. M. - Orbits of meteoric bodies based on photographic observations in 1987-1988. Inform. bzil. Mikhvid, boofix, kom. no. 6:22-25 '84.
Kondratiev, G. V., and others. - Micrometeorite studies conducted on Kosmos-132 satellite. Kosm. issl. 8 no. 9:736-751 S-O '80.
Krivitskiy, I. U. M., Koshchinskaya, V. G., Khil'man, L. M. - Determination of radius, altitude, and velocities of meteoroids observed in Kiev in 1988. Inform. bzil. Mikhvid, boofix, kom. no. 6:26-31 '84.
Koslov, T. N., Komisarov, G. D., Vashkova, Z. V. - Recording meteor particles by piezoelectric transducers. Kosm. issl. 8 no. 9:757-758 S-O '80.
Mikhov, V. V., Dan'kashko, A. A., Dan'kashko, V. V. - Determination of masses and densities of meteoric bodies based on photographic observations in 1986-1988. Inform. bzil. Mikhvid, boofix, kom. no. 6:38-44 '84.
Stralov, V. A. - Photometric effect of the extended nature of a meteor. Inform. bzil. Mikhvid, boofix, kom. no. 6:16-19 '84.

§23.6 (5711, 63) - Maritime Territory

Krinov, E. L. - Searching for meteoroids at the Shklov-Alex' Range. Zem. i vesol. no. 5:68-77 S-O '85.

§23.6 Comets

Chernykh, M. S. - "Synchrotron" formations in the tail of the comet Neys-Bek. Izv. Krym. astrofiz. obser. 36:248-251 '85.
Vasilevich, V. K. - Comets in the period of the KOSY. Inform. bzil. Mikhvid, boofix, kom. no. 6:14-19 '84.

§23.7 The sun

Gopash, E. I. - Some characteristics of velocity fields in a developed active region. Izv. Krym. astrofiz. obser. 36:68-77 '85.
Ivanov, V. I. - Some characteristics of magnetic fields in the solar corona. Inform. bzil. Mikhvid, boofix, kom. no. 6:46-54 '84.
Kozlov, P. E. - Variation of magnetic fields of sunspots in time. Izv. Krym. astrofiz. obser. 36:68-84 '85.
Kul'-Zade, D. M. - Velocity of turbulent motions in the solar photosphere. Uch. zap. LGU no. 337:49-53 '85.
Kurochka, L. M. - Profiles of hydrogen lines caused by a combined action of broadening factors. Izv. Krym. astrofiz. obser. 36:88-109 '85.
Mikhov, G. M. - Observation of the solar chromosphere using a large externally darkened coronagraph. Zem. i vesol. no. 5:25-28 S-O '85.
Mironov, G. M., Tlap, T. T. - Time variations of a chromospheric network. Izv. Krym. astrofiz. obser. 36:93-95 '85.
Ogil, M. B. - Two types of chromospheric flares. Izv. Krym. astrofiz. obser. 36:78-81 '85.
Sevany, A. B. - Magnetic asymmetry and variations of the general magnetic field of the sun. Izv. Krym. astrofiz. obser. 36:3-31 '85.
Shaffer, E. K. - Measurement of the scattered solar L α -radiation in the upper terrestrial atmosphere at altitudes from 100 km to 1500 km. Kosm. issl. 8 no. 9:726-737 S-O '80.
Shcherbin, M. V. - Magnetic fields of solar flares. Izv. Krym. astrofiz. obser. 36:151-155 '85.

831.1.1

- Abrahamson, A. M., Prokof'ev, V. V. - Application of television for the search of supernovae. *Izv. Krym. astrofiz. obser.* 30:252-254 '68.
- Andreev, M. P. - Theoretical and experimental distribution of the configuration of triple stars. *Uch. zap. LGU* no. 3:17-20 '68.
- Antonov, V. A. - Concerning the collective processes in gravitating systems. *Uch. zap. LGU* no. 3:17-20 '68.
- Bedakida, T. S. - Colors of symbiotic stars. *Izv. Krym. astrofiz. obser.* 30:171-176 '68.
- Bolarchuk, A. A. - Spectrophotometric investigation of Z And during 1965-1968. *Izv. Krym. astrofiz. obser.* 30:165-170 '68.
- Brashnikova, E. V. - Mystery of double spectrum stars. *Zem. i vesl.* no. 8:37-39 5-O '68.
- Chugalev, P. P. - Photoelectric observations of flare stars. Part 4: Photometry in the line of flares of UV Cet. *Izv. Krym. astrofiz. obser.* 30:200-204 '68.
- Danilovich, E. G., Yezhik, A. P. - Observations of occultations of stars by the moon in Gorkiy (1947). *Astron. vest.* 2 no. 4:183-184 '68.
- Gerasberg, B. E. - Analysis of simultaneous photo-metric and spectrographic observations of Ad Leo and UV Cet flares. *Izv. Krym. astrofiz. obser.* 30:177-189 '68.
- Gelfand, O. P., Chub, A. T. - Investigation of the spectrum of turbulence in the application for stellar atmospheres. *Izv. Krym. astrofiz. obser.* 30:225-244 '68.
- Ikimov, S. P. - Determining the mass of double galaxies. *Uch. zap. LGU* no. 3:17-20 '68.
- Kashchinskii, L. V., Shakhovskoi, M. M. - Spectrum of star oscillations in the region of ultra-low frequencies on the 12 cm telescope. *Izv. Krym. astrofiz. obser.* 30:251-257 '68.
- Madarski, D. K. - On the cause of the explosion of supernovae. *Zem. i vesl.* no. 8:37-39 5-O '68.
- Matkovich, M. L., Slavitskaya, A. A. - Changes in errors of latitude in the course of night according to observation data with Deje's prism astrolabe in Polara. *Izvestiya Mikhvid. beofis. kom.* no. 8:23-26 '68.
- Prosk, L. L., Chernov, K. K. - Photographic photometry in the galaxy M33. *Izv. Krym. astrofiz. obser.* 30:213-221 '68.

831.1.2

- Gerasimov, B. M., Orlov, O. L. - Training ionospheric disturbances (review). *Izv. vyz. ucheb. zav. i radiofiz.* II no. 1:5-17 '68.
- Kaschinskii, T. V. - Soil electron energy measurement in the upper atmosphere on December 21, 1965. *Kosm. issl.* 5 no. 8:184-197 5-O '68.
- Mishra, V. A., and others. - Measurement of the ionosphere parameters by the method of "two-beam" radio-wave scattering. *Kosm. issl.* 5 no. 8:176-179 5-O '68.
- Vladimirov, B. M. - Mirror (are effects in cosmic rays according to measurements in the atmosphere. *Izv. Krym. astrofiz. obser.* 30:153-160 '68.

831.1.3

- Algin, M. P., Chochia, M. S. - Practice in making a topographic map for large-scale landform studies. *Vest. LGU* 23 no. 12:143-151 5-O '68.
- Algin, M. P., Dorov, A. G. - Topological conference on cartography. *Vest. LGU* 23 no. 12:152-160 5-O '68.
- Amberg, R. A. - Theoretical problems in the genetic classification of the earth's relief. *Vest. LGU* 23 no. 12:161-168 5-O '68.
- [Catalog of Publications received by the World Data Center for Longitudes and Latitudes. *Geodesy, Gravimetry, Upper Mantle*] Kat. publ. Mtr. tsentra daz. M. Doly. i shr. Bolsh. Gruzmet. Verkh. mant. nos. 13-16 Ja-D '68; no. 17 Ja-D '69.
- Kramarska, M. S. - Practice of engineering-geology decoding of aerial photographs in linear studies. *Vest. LGU* 23 no. 12:169-175 5-O '68.
- Galevich, R. N., Edskii, B. L. - Training aqueducts in the educational process. *Akad. zap. obs.* 13 no. 4: 9-10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

831.1.4.1—Ural regions
Krivtsov, A. I. - Practice in compiling large scale maps of metamorphic and volcanic formations, as revealed by a study made in the Burtayskaya ore zone, the Southern Ural. *Sov. geol. izv.* no. 8:25-27 5-O '68.

831.1.4.2—Lithuania S. S. R.
Bogdanovskiy, I., Pashkevich, G. - Geobiochemical regionalization of Lithuania and biogeochemical characteristics of Lithuanian landscapes. Part 2: Practice in the mapping and classification of geobiochemical facies in a hilly-mountain relief. *Trudy AN Lit. SSR. Ser. B* no. 3:153-163 '68.

831.1.5

Physics and Mechanics
Tolstoy, M. I., Kravtsov, M. P. - Effect of negative temperatures on the physical state and properties of substances. *Zap. Vses. min. ob-ve Ser. B* 67 no. 3:572-575 '68.

831.1.6 Equipment, apparatus, models, etc.
Orlov, I., Vasilenko, R. - Instruments for scientific research. *Zav. lab.* 34 no. 5:1030-1033 '68.

831.1.7 Measurements: principles, methods
[Measurements and measurement techniques] *Rat. konstr. i metr. i kom. tekhn.* no. 10 5-O '68.

831.1.8 General principles of physics
Born, Max. - Relativistic electrodynamics. *Vop. fiz. i tekhn.* 1968-1970 '68.
Krivtsov, A. V. - Correlation among observation, space, and time in modern quantum field theory and the theory of relativity. *Uch. zap. LGU* no. 3:163-168 '68.
Golubev, R. G., Shchepkin, D. F. - Capillary hygrometer for measuring the humidity of air in heated volumes. *Vys. elektr.* no. 8:124-125 '67.
Lisovskiy, M. M. - Perspectives in modern physics. *Vop. fiz. i tekhn.* no. 19:16-20 '68.
Vladimirov, I. Z. - Concepts of extension and the description of physical reality. *Vop. fiz. i tekhn.* no. 19:21-25 '68.
Krivtsov, V. I. - Development of the concepts of the unity of the constant and the invariant in the theories of the space and time of the microcosm. *Uch. zap. LGU* no. 3:169-174 '68.

831.1.9 Quantum theory. Wave mechanics
Alday, E. V., Volkovskiy, G. V. - Characteristics of the radiation from a source moving near a oriented structure. *Izv. vyz. ucheb. zav. i radiofiz.* II no. 1: 21-31 '68.
Krivtsov, V. I., Sokolov, V. P. - Bifurcation and eigenvalues of the Schrödinger equation. *Zh. eksp. i teor. fiz.* 44 no. 5:1865-1888 '68.
Khodovskiy, L. Sh. - Generalized Bogolyubov functions and the elements of the canonical S-matrix. *Dokl. AN SSSR* 233 no. 5:1294-1296 '68.
Lipshits, L. M. - Motion of Coulomb pairs in the J-plane in quantum electrodynamics. *Zh. eksp. i teor. fiz.* no. 5: 1297-1305 '68.
Lisovskiy, M. A. - Description of weak lepton interaction outside the perturbation theory. *Izv. fiz.* 8 no. 5:1245-1251 '68.
Ponomarev, R. V. and others. - New type of oscillations of the longitudinal magnetic resistance. *Zh. eksp. i teor. fiz.* 44 no. 5:1247-1261 '68.
Savchenko, O. I. A. - Lower estimate of the energy of a system of interacting particles within the framework of the Bethe-Salpeter equation. *Izv. fiz.* 8 no. 5:1252-1263 '68.
Shchepkin, D. F. - Concerning the theory of coherent spontaneous emission. *Zh. eksp. i teor. fiz.* no. 5:1264-1265 '68.
Turkhanov, R. G. - Quantum oscillations of the thermoelectric coefficient in a transverse magnetic field in x-junctions. *Izv. AN Arm. SSR. Fiz. i mat. nauk* 3 no. 6:432-436 '67.
Zaslavskiy, O. I., Shchepkin, D. F. - A class of representations of canonical commutation relations in quantum field theory. *Dokl. AN SSSR* 233 no. 1:84-86 '68.

831.1.10 Principles of causality and probability
Krivtsov, A. V. - Correlation of the causality of space and time. *Uch. zap. LGU* no. 3:169-174 '68.

831.1.11 Statistical principles. Analogies
Orlovskiy, K. V., Pashkevich, G. G. - Modeling sand waves by magnetohydrodynamic analogy. *Trudy LITV* no. 83: 18-21 '67.
831.1.12 Theory of potentials
Khodovskiy, L. I. - Smoothness of local potentials. Part 2. Local potentials P and Q on surfaces of the type $z = z(x, y)$ and $z = z(x, y, t)$. *Dokl. vuz. i shk. fiz. i mat. nauk* 3 no. 6:437-440 '67.
no. 11:2034-2036 '68.

831.1.13 Mechanics
Dobronravov, V. V., Lisovskiy, D. F., Shchepkin, D. F. - Continuity working. *Vest. vyz. shkoly* 24 no. 10:46 5-O '68.

831.1.14 Stability of the motion
Gerasimov, V. T. S., Movseyan, L. A. - Stability of the motion of a cylindrical shell. *Dokl. AN Arm. SSR* 44 no. 1:15-16 '68.
Krivtsov, A. I. - Third All-Union Congress on Theoretical and Applied Mechanics. *Mech. i tekh. fiz.* no. 4:44 '68.

831.1.15 Ukrainian S. S. R.
Protsenko, O. P. and others. - Work of the scientific seminars at the Institute of Mechanics of the Academy of Sciences of the Ukrainian S. S. R. in the second half of 1967. *Pril. mekh.* 4 no. 5:141-143 '68.

831.1.16 Kinematics
Krivtsov, A. I., Savchenko, O. I. - Ciliomorphological characteristics of homodynamic features in the human system of the eye in rabbits under the effect of sclerotomy. *Kosm. biol. i med.* 3 no. 2:36-41 '68.
Pashkevich, G. G. - Generalized equation of the kinematic process of movement after a side impact on a triangle. *Trudy Tekhn. shkoly, inst.* 10:63-65 '68.

831.1.17 Statics and graphical statics
Zorin, L. M. - Theory of the stability of systems with distributed parameters. *Dokl. AN URSR, Ser. A* 30 no. 2:202-206 '68.

831.1.18 Dynamics. Kinetics
Krivtsov, O. P. - Stability of the balanced base of a kinetic navigation system with friction in the actuators. *Dokl. AN URSR, Ser. A* 30 no. 1:123-126 '68.
Krivtsov, O. P., Savchenko, O. I. - Motion of a body containing a cavity filled with liquid. *Dokl. AN URSR, Ser. A* 30 no. 1:127-129 '68.
Lyubchik, I. P. - Generalized equation of the dynamic system in a direct flow. *Astr. khim. i fiz.* no. 1:108-109 '68.
Savchenko, O. I. - Dynamics of the drive of the testing machine. *Izv. vyz. ucheb. zav. i tekhn. lag. prom.* no. 1:153-154 '68.

831.1.19 Friction
Krivtsov, V. P. - Determination of the dynamic coefficient of friction in steel impacts on a rough surface. *Uch. zap. LGU* no. 3:169-174 '68.
Savchenko, O. I., Pashkevich, G. G. - Regularities of changes in the friction coefficient during rolling. *Dokl. AN URSR* 30 no. 2:202-206 '68.

831.1.20 Geodesy. Methods
Baklanov, V. G., Kravtsov, M. P. - Comparison of Perseus's methods of harmonic analysis for 10- and 20-day series of observations of tidal changes of gravity. *Izv. Mikhvid. beofis. kom.* no. 8:27-34 '68.
[Catalog of Publications received by the World Data Center for Longitudes and Latitudes. *Geodesy, Gravimetry, Upper Mantle*] Kat. publ. Mtr. tsentra daz. M. Doly. i shr. Bolsh. Gruzmet. Verkh. mant. nos. 13-16 Ja-D '68; no. 17 Ja-D '69.
Lebedev, V. I., Chuchin, I. M. - Role of the vestibular analyzer in human spatial orientation under conditions of weightlessness during flights. *Kosm. biol. i med.* 3 no. 2:178-179 '68.

831.1.21 Mechanical energy. Conservation. Impact
Andriashin, E. I., Shchepkin, D. F. - Impact depth in the impact of meteor particles with prethreshold velocities. *Kosm. issl.* 5 no. 5:712-713 5-O '68.

831.1.22 Geometrical, mechanical magnitudes: measurement, etc.
Baklanov, V. G., Kravtsov, M. P. - Foreign levelling pressure transducers. *Priborostroyeniye* no. 5:77-80 '68.
Krivtsov, V. S., Dolgin, V. P. - Device signaling total extension. *Priborostroyeniye* no. 4:89 '68.
Dolgin, V. P., Filippov, M. M., Krasovskiy, D. D. - Signaling device for pressure gauges using photoresistors. *Priborostroyeniye* no. 4:90 '68.
Krasovskiy, D. D., Krasovskiy, P. A. - Method for determining the critical density of a saturated substance according to experimental data. *Dokl. - fiz. khim.* 3 no. 2:223-225 '68.
Krivtsov, V. I. - Measurement of depth pressures using specially manufactured transducers. *Priborostroyeniye* no. 5:77-80 '68.
Krivtsov, V. I. - Determining dimensions of a die impression. *Avt. prom.* 34 no. 9:30-40 '68.
Ratny-type electric clocks. *Avtom. i telex. i svyaz'* 11 no. 10:43 5-O '68.
Shchepkin, D. F. - Methodology for verification of calculation of dynamometer elements. *Priborostroyeniye* no. 5:77-80 '68.
Shchepkin, D. F., Radomskiy, M. A. - Device for marking at distances. *Mashinostroyeniye* no. 5:10 '68.
Krivtsov, V. I., Shchepkin, D. F. - Methods and instruments in metrology. *Priborostroyeniye* no. 5:11 '68.
Krivtsov, V. I., Shchepkin, D. F. - Selection of the form of pressure transducers with full type sensing elements. *Priborostroyeniye* no. 5:12 '68.
Vladimirov, I. Z. - Improvement of the D-4 transducer of the URSU-1M level signaling unit. *Priborostroyeniye* no. 5:13-14 '68.

wank, and prancers. Dynamometers, manometers, turn meters, barometers, and others. - Possibility of using optical power transmission of a tractor as dynamometer. Izv. vys. ocheb. zav. i mashinost. 1968.

also by means of a diffusion of particles in
fields with variable gradients. X-ray, struk,
no. 8124-240 X-D 54.

TEMPERATURE RECORD, REV. AND EXPANDED, MODEL 1
NO. 41887-301 J1-Ag 104.

00-102 31-Ag (en)

522.66 (Continued)

- Ortigueira, M. R., Jakimov, I. L. - Motion of small-gas body in water in the presence of an external flow. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:178-80 *JI-Ag* '82.
- Kevlar, V. L. - Method of calculating nonlinear rolling of ships on water-wave wings. *Gidrotekhn. bol'sh.* no. 4:17-23 '82.
- Balashov, M. V., Yabluch, V. A. - On Richtmyer and Alfvén waves. *Gidrotekhn. bol'sh.* no. 4:13-19 '82.

522.6 Surface phenomena. Capillarity

- Akhmediev, N. M. - First and second sound dispersion in a cylindrical capillary filled with He II. *Ukr. fiz. zh.* no. 1:1001-1009 *Je* '84.
- Arce, P. L., Ryher, V. L. - Simplest method of determination of the contact angle of liquids in porous bodies with hydrophobic surfaces. *Uch. zap. Khark. univ.* 50:24-26 '82.
- Belitskiy, M. A., Arce, P. L. - Concerning the theory of capillary equilibrium and movement of liquids in porous media allowing for the evaporation from the saturation front. *Uch. zap. Khark. univ.* 50:21-23 '82.
- Derjagin, B. V., Fuchs, M. M. - Gilding of liquids in capillaries. *Dokl. AN SSSR* 183 no. 6:1300-1302 '82.
- Muller, G. E. - Surface properties of quartz. *Zh. fiz. khim.* 56 no. 4:1323-1326 *JI-Ag* '82.
- Viktorov, G. W., Mironov, G. M. - Solution of inverse problem of profile of surface on endometrial surface of current in a variable layer. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-89 *JI-Ag* '82.

522.7 Kinetic theory of liquids. Diffusion, etc.

- Balashov, M. V., Orlovskaya, T. L. - Role of water in some crystal hydrates of paraffinates formed by elements of the group II of D. I. Mendeleev's periodic system. *Strukt. i rol' vody v khim. org.* no. 1:114-126 '82.
- Chudak, V. L. - Nuclear magnetic relaxation in some water solutions of electrolytes. *Strukt. i rol' vody v khim. org.* no. 1:127-131 '82.
- Dolov, V. L., Molodtsova, M. B. - Strength of chelate-phosphate acids in some oxygen-containing solvents. *Izv. vuzov, khim. i tekhn. nauch. i tekhn. nauch.* 11 no. 6:564-567 '82.
- Krasovskiy, E. V. - Calculating the diffusion of pressure energy in shifting flow. *Gidrotekhn. bol'sh.* no. 4:143-145 '82.
- Orlovskiy, K. A. - Spectra of combined water scattering, saturated water solutions of electrolytes and sea water. *Strukt. i rol' vody v khim. org.* no. 1:124-125 '82.
- Ostrov, I. V. - Water structure phenomena in the spectrum of stretching bands of H₂O molecules. *Strukt. i rol' vody v khim. org.* no. 1:123-127 '82.
- Kozlov, L. A., Shukla, A. M. - Study of the disturbance of water molecules through the polymeric barrier of materials with the help of mass spectrometry analysis. *Strukt. i rol' vody v khim. org.* no. 1:128-133 '82.
- Kisilevskiy, L. D. - Stabilizing active complexes in dehydrated structures of water. *Strukt. i rol' vody v khim. org.* no. 1:134-137 '82.
- Krasovskiy, L. A., Yabluchskaya, I. V., Molodtsova, M. B. - Temperature dependence of the equilibrium of H₂O₂ dissolved in carbon dioxide in the neighborhood of the solvent critical point. *Dokl. AN SSSR* 183 no. 11:144-147 '82.
- Mironov, I. V., Drabkin, G. M. - Study of water solutions of acetoacrylates by spin echo method. *Strukt. i rol' vody v khim. org.* no. 1:138-139 '82.
- Ryher, V. L., Yabluchskaya, G. E. - Temperature dependence of the surface energy of liquids. *Uch. zap. Khark. univ.* 50:27-30 '82.
- Shukla, L. D. - Libration vibration of water in solutions. *Strukt. i rol' vody v khim. org.* no. 1:140-143 '82.
- Vdovskiy, V. M., Ostrov, I. V., Legat, M. K. - Use of two-structure model for studying the state of water in water solutions. *Strukt. i rol' vody v khim. org.* no. 1:144-147 '82.
- Zakharov, V. M. - Study of gas-solution-water interface. *Strukt. i rol' vody v khim. org.* no. 1:148-153 '82.
- Zakharov, V. M., Belitskiy, M. G. - Effect of efficient (local) field of light waves on infrared absorption spectrum of liquid water in the region of stretching bands. *Strukt. i rol' vody v khim. org.* no. 1:154-158 '82.

523 Gas mechanics. Aeromechanics. Rarefied gas

- Akhmediev, N. M., Yabluchskaya, A. B., Balitskiy, M. M. - Approximate dependence on the temperature of the pressure at the initial stage of retrograde phenomena in the system water - natural gas. *Dokl. AN SSSR* 183 no. 4:17-23 '82.
- Akhmediev, N. M., Yabluchskaya, L. O. - Approximate method for calculating a gas flow with a discontinuity in the generalization. *Dokl. AN SSSR* 183 no. 11:144-147 '82.
- Arkhutskiy, G. M. - Damping of a shock wave against a wedge which is moving at supersonic velocity. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:184-186 *JI-Ag* '82.
- Arkhutskiy, G. M. - Interaction between a shock wave and a wedge. *Dokl. AN SSSR* 183 no. 4:180-182 '82.
- Shukla, A. P., Trubova, O. N., Chistykh, I. P. - Calculating the flow of ideal gas around elliptical cones at large angles of attack. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Berg, P. P., Golev, E. B., Arkhutskiy, V. P. - Influence of the technology of vacuumizing aluminum alloys on their gas content. *Lit. prot. no. 8:23-24 Ag* '82.
- Boris, A. L. - Analysis of gas flow distribution along the periphery of a blunt fuselage. *Met. i tekhn. nauch.* no. 6:1-23 '82.
- Nikolayev-Kagan, G. E. - Role of radiation in the formation of water wind. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Dogodov, V. V., Zakh, I. G., Meland, V. A. - Calculating the flow of nonviscous radiative gas past a blunt body. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:184-189 *JI-Ag* '82.

- Bozhov, V. A. - Selecting the optimum radius of bluntness for an axisymmetric body considering various radiation. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Chernov, I. U. - Reflection of a plasma moving from a metal surface. *Ukr. fiz. zh.* 13 no. 6:1030-1031 *Je* '82.
- Dudkov, B. L., Morozov, L. V. - Nonstationary supercritical flow past a cone with a dielectric shield. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:184-186 *JI-Ag* '82.
- Davydov, T. O., Delestravskiy, I. M. - Channelled oscillations of a high density plasma in an electric field. *Ukr. fiz. zh.* 13 no. 6:1032-1033 *Je* '82.
- Derov, A. V. - Aerodynamic problems of high speed traffic. *Vysk. TSNi MPR* 57 no. 4:12-13 '82.
- Podolskiy, A. M. - Transformation of a longitudinal plasma wave into an electromagnetic wave on the interface plasma - dielectric. *Ukr. fiz. zh.* 13 no. 6:1034-1035 *Je* '82.
- Podorov, V. K., Litvinskiy, M. M. - Study of the heat transfer in a transverse gas flow past a rectangular wedge. *Zh. fiz. khim.* 56 no. 4:171-173 *Ag* '82.
- Podolskiy, I. M., Mikhlin, M. M. - Investigating relative phase motion during the flow of mixtures with air in pipes of different cross-sections. *Khark. mashinstv.* no. 6:76-80 '82.
- Orlovskiy, K. A., Madzeder, M. M. - Influence of the gas flow distribution over a cross section on radiation processes in a blunt fuselage. *Met. i tekhn. nauch.* no. 6:1-23 '82.
- Orlovskiy, I. P., Karpova, L. V. - Effect of a turbulent free-stream on the friction and heat transfer of a plate in a turbulent gas flow. *Zh. fiz. khim.* 56 no. 4:174-175 *Ag* '82.
- Orlovskiy, I. M. - Resistance of fibrous filters in a free molecular flow. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:176-181 *JI-Ag* '82.
- Orlovskiy, V. P. - Effect of air resistance on the transformation of initial sugar beet seed flow in free flight. *Uch. zap. Khark. univ.* no. 50:21-23 '82.
- Orlovskiy, K. R., Trubova, O. N. - Aerodynamic and heat transfer of a falling (free) non-blow-through body. *Zh. fiz. khim.* 56 no. 4:177-178 *Ag* '82.
- Orlovskiy, K. R., Krasovskiy, L. M. - Aerodynamic study of large-volume tanks. *Strukt. i rol' vody v khim. org.* no. 1:134-137 '82.
- Orlovskiy, G. R. - Calculating the viscosity of natural-gas mixtures at high pressures and temperatures. *Met. i tekhn. nauch.* no. 6:1-23 '82.
- Ostrov, I. V., Krasovskiy, T. V. - Flows in streams disturbed by inhomogeneously widened jets. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:181-186 *JI-Ag* '82.
- Podolskiy, I. M., Krasovskiy, L. M. - Pseudopotential for a quasi-one-dimensional plasma. *Ukr. fiz. zh.* 13 no. 6:1036-1037 *Je* '82.
- Podorov, A. A., Bakhov, L. L., Trubova, O. N. - Effect of a high-frequency magnetic field on plasma instabilities. *Zh. fiz. khim.* 56 no. 4:179-180 *Ag* '82.
- Podorov, V. M., Pashin, T. A. - Ignition of combustible mixtures by filaments of low-power lamps. *Vysk. TSNi MPR* 57 no. 4:12-13 '82.
- Krasovskiy, A. A., Popov, I. A., Krasovskiy, M. V. - Calculation of an arc-type short circuit during the ignition of a combustible mixture in electrical equipment enclosures. *Vysk. TSNi MPR* 57 no. 4:12-13 '82.
- Krasovskiy, A. A., Bakhov, V. K., Krasovskiy, L. K. - One-dimensional approximation solution of a variational problem on the construction of maximum-thrust nozzle during the flow of gas with aerodynamic losses. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Krasovskiy, A. A., Podolskiy, V. P. - Experimental investigation of aerodynamic characteristics of a cylinder in a free flight up to Mach 10. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:184-186 *JI-Ag* '82.
- Krasovskiy, R. S., Litvinskiy, M. M., Shukla, V. O. - Kinetic calculations on the liquid and vapor interface. *Ukr. fiz. zh.* 13 no. 6:1038-1039 *Je* '82.
- Krasovskiy, M. D., Krasovskiy, M. R. - Determining the aerodynamic resistance of the gas and liquid phases. *Khark. mashinstv.* no. 6:76-80 '82.
- Larion, L. R. - Density field around a cone in a free stream. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:181-186 *JI-Ag* '82.
- Litvinskiy, I. U. - Transonic flow past slender bodies. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:180-183 *JI-Ag* '82.
- Lipatov, O. S. - Variational problems for the profile of a blunt body. *Gidrotekhn. bol'sh.* no. 4:113-115 '82.
- Makhar, G. L. - Vortices behind the main shock wave. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-186 *JI-Ag* '82.
- Makhar, L. E., Krasovskiy, B. G. - A system of plane turbulent jets. *Zh. fiz. khim.* 56 no. 4:170-173 *Ag* '82.
- Makhar, V. A., Lova, V. D., Danilova, V. A. - Measurement of specific surface area of powders by Peltier's component of air permeability. *Zh. fiz. khim.* 41 no. 4:14-20 *Ag* '82.
- Makhar, V. A. - Principles of a free nonisothermal stream having a hollow conical shape bent by gravitational forces. *Zh. fiz. khim.* 56 no. 4:174-175 *Ag* '82.
- Makhar, V. A., Makhar, V. L., Orlovskiy, P. N. - Device for controlled extraction of a gas flow. *Zav. lab.* 34 no. 8:1034-1037 '82.
- Makhar, V. A. - Studying air-jet curtains over the sources of lateral emanations. *Zh. fiz. khim.* 56 no. 4:176-177 *Ag* '82.
- Makhar, V. A. - Calculation of minimal energy of ignition and its dependence on the content of combustible substances. *Vysk. TSNi MPR* 57 no. 4:12-13 '82.
- Makhar, V. A., and others. - Controlling and regulating the distribution of gas flow in blunt fuselages. *Met. i tekhn. nauch.* no. 6:1-23 '82.
- Makhar, V. A., Makhar, V. P. - Hydrogen viscosity with constant density in the 10³°-300° K range. *Ukr. fiz. zh.* 13 no. 6:1040-1041 *Je* '82.
- Makhar, V. A. - Effect of temperature drop in the gap on the carrying capacity of a radial gas bearing of finite length. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.

- Makhar, V. A. - Flows with subsonic peculiarities on a shock wave. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Makhar, V. A. - Deviations from the Maxwellian distribution of electrons by energies in a weakly ionized plasma. *Zhur. eksp. i teor. fiz.* 84 no. 5:1354-1356 *My* '82.
- Makhar, V. A. - Magnetohydrodynamic oscillations near the zero line of the magnetic field. *Zhur. eksp. i teor. fiz.* 84 no. 5:1357-1358 *My* '82.
- Makhar, V. A. - Some one-dimensional flows of an ideal gas carrying shock waves. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Makhar, V. A. - Effect of the space charge on the stability of the form of a plasma column with free boundary. *Izv. AN SSSR, Fiz. 3* no. 6:144-145 *Je* '82.
- Makhar, V. A., Makhar, V. P. - Numerical solution to the problem of supercritical gas flow past a random surface disturbance in the area of compression. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:184-186 *JI-Ag* '82.
- Makhar, V. A. - Effect of initial variable density on the motion of a shock wave. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.

523.7 Kinetic theory of gases

- Bakhturovskiy, S. M. - Calculation of a flow past wing of random shape in a plane in a wide range of angles of attack. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.
- Derjagin, B. V., Yabluchskaya, L. M., Jakimov, I. L. - Computing solutions to the Boltzmann kinetic equation in a Knudsen layer. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:187-173 *JI-Ag* '82.

523.8 Plasma physics

- Boris, V. A. - Scattering of a plasma wave by a plasma inhomogeneous plasma with a zero layer. *Izv. vuzov, fiz. i tekhn. nauch.* 11 no. 1:44-45 '82.
- Chernov, I. U. - Asymptotic resonance in a magnetoactive plasma. *Izv. vuzov, fiz. i tekhn. nauch.* 11 no. 1:46-48 '82.
- Fanchenko, S. D., and others. - Turbulent heating of plasma in a torus. *Dokl. AN SSSR* 183 no. 1:171-173 '82.
- Lakomskiy, V. L., Trubova, O. N. - A liquid metal absorbing nitrogen from a plasma. *Dokl. AN SSSR* 183 no. 1:174-175 '82.
- The present and future of plasma. *Prota. Arta. 18* no. 1:1-10 '82.
- Vodovskiy, P. P., Krasovskiy, S. P., Popov, I. P. - Effect of finite conductivity of a medium on the interaction of a shock wave with magnetic field. *Izv. AN SSSR, Mekh. zhid. i gas.* no. 4:183-189 *JI-Ag* '82.

524 Vibrations. Acoustics. Sound

- Bondar, M. G. - Nonlinear oscillations of beams in a magnetic field. *Strukt. i rol' vody v khim. org.* no. 1:134-137 '82.
- Freidman, A. R. - Some results of full-scale analyses of deep-sea gas vibrations. *Kosm. stroit.* no. 1:1-13 '82.
- Gashuk, G. M., Chudakov, M. M., Dzhurav, I. P. - Studying the effect of ultrasound treatment on the oxidation processes in grape juice. *Troly MPR* 57 no. 4:12-13 '82.
- Gilbert, V. E. - Transverse oscillations of an infinite beam on an elastic foundation. *Strukt. i rol' vody v khim. org.* no. 1:138-139 '82.
- Gilbert, V. E., Solov'yev, M. A. - Optimum beam design for dynamic loads. *Strukt. i rol' vody v khim. org.* no. 1:140-143 '82.
- Korobov, A. K., Makhar, V. A., Orlovskiy, L. A. - Use of ultrasound in the industry. *Mashinostroitel.* no. 6:76-80 '82.
- Krasovskiy, V. A., Bakhov, M. V. - Optical radiation, electromagnetic fields and ultrasound in the technology of agriculture. *Mash. i tekhn. nauch.* no. 6:1-23 '82.
- Krasovskiy, V. A. - Microelectronic oscillation of steel in a metallic plate. *Zhur. eksp. i teor. fiz.* 84 no. 5:1354-1356 *My* '82.
- Lakomskiy, A. M. - Vibrating wing profile close to the surface of a fluid of finite depth. *Gidrotekhn. bol'sh.* no. 4:113-115 '82.
- Makhar, V. A. - Method for solving problems concerning the stability and oscillation of elastic systems with variable parameters. *Prikl. mekh.* 4 no. 5:133-134 '82.
- Petrovskiy, S. M. - Investigating (resonance) vibrations in an Alstrom-type driving gear. *Vysk. TSNi MPR* 57 no. 4:12-13 '82.
- Rubtsov, R. L. - Free oscillations of flexible slatted shells. *Strukt. i rol' vody v khim. org.* no. 1:144-147 '82.
- Rubtsov, V. P., Solov'yev, V. A. - Concentration fluctuations and their effect on the absorption of sound. *Strukt. i rol' vody v khim. org.* no. 1:148-153 '82.
- Shukla, A. P., Popov, V. D. - Effect of low-frequency vibrations on heat and mass exchange in highly viscous media. *Khark. mashinstv.* no. 6:76-80 '82.
- Shukovskiy, P. T. - Effect of vibrations on the heat and mass transfer in a capillary-porous material. *Zh. fiz. khim.* 56 no. 4:176-177 *Ag* '82.
- Sobolev, V. M., Baranov, S. P. - Study of a shift method for separating a fundamental speech tone. *Mashinostroitel.* no. 6:76-80 '82.
- Tilger, P. G. - Frequency in dependent restoration of amplitudes of oscillations in multichannel transmission. *Mashinostroitel.* no. 6:76-80 '82.
- Krasovskiy, V. P. - Approximate calculation of friction in estimates of near-resonance vibrations. *Kosm. stroit.* no. 1:1-13 '82.
- Orlovskiy, L. E., Orlovskiy, P. A. - Use of ultrasound in measuring the characteristics of dynamic suspensions. *Zav. lab.* 34 no. 8:1034-1037 '82.

- 234.25 Velocity of sound**
Chandra, S. V. - Molecular refraction and velocity of ultrasound in pure liquid organic substances. *Vest. Mosk. un. Ser. 3: Khim.* 17 no. 4:15-21 J1-Ag '83.
- Petrov, B. I. - Threshold amplitude of oscillations of the output shift of a servo drive. *Izv. vuz. radiofiz.* no. 14:1118-1121 O '83.
- 234.26 Acoustical measurements**
Averkhov, I. I., Rodashev, O. A., Potatillo, K. P. - Theoretical basis of assessment of the stressed state of metals with the aid of polarized ultrasound. *Uch. zap. Kazan. un.* 94:87-93 '87.
- Vorobey, K. D. - Indirect devices for protection against impulse noises. *Mosk. i. spets. rab. v stroit.* 30 no. 11:25-27 M '84.
- 234.27 Optics. Light**
Andreev, S. M., and others. - Complex formation in systems with Ni^{2+} -DCl - H_2O . *Zhur. neorg. khim.* 13 no. 3:274-278 F '88.
- Berabov, L. V., and others. - Mixture of pink-colored oxides. *Zap. Vses. min. ob-va Ser. 3.* 87 no. 3:257-264 '88.
- Chernov, A. V., Khachaturov, D. V. - Quantitative analysis of a binary ethylacetate-trichloroethane mixture by their absorption spectra. *Trudy IRMA no. 34:134-136 '84.*
- Dobrozhitskaya, T. S., Aifkina, L. L. - Low-temperature luminescence spectra in a study of the role of the selfing-out agent in extraction recovery of hexavalent uranium. *Radiofizika* 10 no. 3:179-180 '88.
- Oreshberg, R. K. - Optical thickness of a radiating, cooling, and expanding hydrogen cloud for radio frequencies. *Izv. Krym. astrofiz. observ.* 36:205-207 '88.
- Rubchik, S. I., Orlovskaya, N. O. - Characteristics of the luminescence of silver halogenides in the range of temperature quenching. *Ukr. na. zhur.* 13 no. 4: 593-594 Je '88.
- Kaulonskii, L. V., Shakhovskoi, N. M. - Spectrum of star oscillations in the region of infra-low frequencies on the 133 cm telescope. *Izv. Krym. astrofiz. observ.* 36:164-167 '88.
- Kul'ba, V. I., Baranov, A. V., Varshavskii, I. U. S. - Infrared absorption spectra of ethylenediamine complexes of trivalent thallium. *Zhur. neorg. khim.* 13 no. 3:457-460 F '88.
- Korochik, L. M. - Profiles of hydrogen lines obtained by a combined action of broadening factors. *Izv. Krym. astrofiz. observ.* 36:193-195 '88.
- Lipovskii, A. A., Kuzina, M. G. - Infrared spectra and structure of compounds which are formed in extraction of oxalic acid by triethylamine solutions. *Radiofizika* 10 no. 3:179-181 '88.
- Morozov, V. P., and others. - Absorption spectra of Mn^{2+} ions in KMnF_6 and RbMnF_6 crystals with perovskite structure. *Ukr. na. zhur.* 13 no. 4:591-594 Je '88.
- Pavlov, I. U., Kharobenko, L. S. - Considering the theory of magneto-optical effects of localized electrons. *Uch. zap. Kazan. un.* 90:3-5 '87.
- Rubchik, S. I., Lashova, E. A. - Colorimetric method of determining carboxylic acids in bran and the surface structure of mold fungi. *Trudy VNIIPB no. 16:60-72 '88.*
- Shela, I. A., Andrusenko, L. P. - Reaction of trivalent iron with sodium triphosphate in aqueous solutions. *Zhur. neorg. khim.* 13 no. 3:47-51 F '88.
- Shelak, V. I. - Mechanisms of the effect of latices photo stimuli on the visual analyzer. *Kosm. biol. i med.* 3 no. 3:70-73 My-Je '88.
- Vallier, K. A., Bil'danov, M. M. - Attenuation of the spin echo signals by means of a diffusion of particles in magnetic fields with variable gradients. *Zhur. strukt. khim.* 7 no. 8:834-840 M-D '88.
- 234.3 Light pollution, energy. Photometry**
Bronshteyn, A. M. - Dependence of the sensitivity of a vacuum radiative thermometer on its temperature. *Trudy GOO no. 52:70-73 '88.*
- Geddes, S. B. - Use of ultraviolet rays and ethylenimine in the selection of Aspergilli producing amylolytic enzymes. *Trudy VNIIPB no. 16:60-72 '88.*
- Geddes, S. B. - Use of ultraviolet rays and ethylenimine in the selection. *Trudy VNIIPB no. 16:60-72 '88.*
- Orlovskaya, N. O. - Some results of laboratory testing of type FNU-79 photomultiplier tubes with a multilayer photocathode. *Uch. zap. LGU no. 3:277-285 '88.*
- Krasova, L. G. and others. - Mass spectrometric study of the products of thermal decomposition of γ -irradiated strontium sulfate. *Khim. vys. energ.* 3 no. 8:883-888 M-D '88.
- Kharobenko, M. A., Bogdanova, M. P. - Effect of metal ions on amino acid photolysis. *Zhur. evol. biokhim. i fiziol.* 4 no. 6:289-294 B-O '88.
- Korshunov, I. T. - Spectrophotometric study of some salts of azobenzene in the region of ultraviolet spectra. *Farmats. zhur.* 33 no. 3:88-91 '88.
- Korshunov, I. T., and others. - Role of mercury in the process of anomalous photoconductivity of amorphous selenium. *Dokl. AN SSSR* 183 no. 1:171-73 '88.
- Koval'shok, T. V., Turkevich, M. M. - Spectrophotometric determination of some cyanobacterial substances. *Farmats. zhur.* 33 no. 3:88-91 '88.
- Krasov, V. S., Bakhtiev, M. P. - Optical radiation, electromagnetic fields and ultrasound in the technological processes of agriculture. *Mosk. i. spets. rab. v stroit.* 30 no. 11:25-27 M '84.
- Levina, I. B. - Small-sized black body radiator with auto-thermo temperature control. *Svetotekhnika* 14 no. 11:28-30 M '88.
- Myagkikh, V. V., Radtsig, S. I., Shchegolev, S. V. - Electric and photoelectric properties of gallium phosphide. *Izv. AN Mold. SSR.* no. 11:118-119 '83.
- Orlovskaya, N. O. - Change in the optical density of alcohol-water solutions depending on the strength of alcohol. *Trudy VNIIPB no. 16:60-72 '88.*
- Rapaport, L. I. - Spectrophotometric determination of chlorides. *Farmats. zhur.* 33 no. 3:88-91 '88.
- Seleznev, A. A., Logvin, A. A. - Colorimetric measurement of low energies of light pulses of short duration. *Dokl. AN SSSR* 183 no. 3:15-17 Mr. '88.
- Vagrov, A. R., Dmitriyev, D. V. - Measurement of the polarization of photoelectrons ejected from ferromagnetic substances. *Zhur. eksp. i teor. fiz.* 84 no. 3:1333-1336 My '88.
- Zvezdin, P. S., Berezin, L. B. - New instruments for studying spectroscopic electrical equipment. *Vysv. elektr.* no. 6:223-225 '87.
- 234.31 Transmission. Absorption. Radiation**
Akhmedov, S. L., Vladimirov, I. U. A., Olsner, V. L. - Ionization of aromatic amino acids due to ultraviolet radiation. *Opt. i spekt.* (zhur. st. 3:87-84 '87).
- Maglov, D. I. - Multiple scattering of light in semi-infinite medium. *Uch. zap. LGU no. 3:277-285 '88.*
- Platonova, M. I. - Distribution of the coefficient of atmospheric transparency (for integral flow) in the U.S.S.R. *Trudy GOO no. 52:70-73 '88.*
- Vallier, K. A., Kharobenko, V. G. - Passage of a light impulse through a lightguide. *Svetotekhnika* 14 no. 11:28-30 M '88.
- 234.32 Geometrical optics. Reflection. Refraction**
Orlovskaya, N. O., Kaulonskii, L. V. - Experimental studies of fluctuations in the arrival angle of light under conditions of strong intensity fluctuations. *Izv. vuz. radiofiz.* no. 1:106-111 '88.
- Kravtsov, I. U. A. - Quasi-isotropic approximation of geometrical optics. *Dokl. AN SSSR* 183 no. 1:74-76 '88.
- Margaryan, A. A., Medvedev, M. M. - Microcrystalline glass transparency in ultraviolet light in the presence of small additions of rare earth fluorides of the cerium group. *Arm. khim. zhur.* 19 no. 3:107-113 '88.
- Vadina, A. P., Krasov, V. P. - Variation of the refractive index of liquids and glasses in a strong field of a ruby laser. *Zhur. eksp. i teor. fiz.* 84 no. 3:1374-1378 My '88.
- 234.33 Spectra in general**
Isakov, L. M., Abdurakhmanov, A. A., Ragimova, R. A. - Microwave spectrum of CH_3COOH and $\text{CH}_3\text{CH}_2\text{OH}$ molecules. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Lashova, E. A., Shakhovskoi, N. M. - Inter-molecular interaction involving π -electrons. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Meister, T. G. - Determining the frequency of a pure electron transition in the spectra of nonluminescent molecules and complex molecules of the second group. Part 1: Methods. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Meister, T. G., Baranova, G. I. - Determining the frequency of a pure electron transition in the spectra of nonluminescent molecules and complex molecules of the second group. Part 2: Results obtained by various methods. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Piterovskaya, I. V. - Determining the dipole moments of a series of polychlorinated benzenes by temperature shifts of the spectra of solutions. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Shorobogoch, A. V., Tikhonov, L. L. - Electronic spectra of 4,6,8-trimethyl anthracene molecules. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Tikhonov, L. L., and others. - Resonance splitting in the infrared spectra of frozen molecular solutions. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Zabozskiy, R. G. - Characteristics of the frequencies of spatial configurations of identical structural elements in the infrared spectra of carbohydrates. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- 234.34 Absorption. Absorption spectra**
Beloserebrenskaya, L. P., Shakhovskoi, N. M. - Infrared absorption spectra in the far region and the structure of vibration bands of halogen hydrides in hydrogen-bonded complexes. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Belasov, M. O., Melnik, M. G. - Induced absorption spectra of condensed systems. The I - O bond of hydrogen dissolved in tetrahydrofuran of the elements of group IV. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Belasov, M. O., Orlovskaya, N. O. - Oscillations of infrared absorption bands and the rotational motion of molecules in liquids. Solvents CH_2 and CH_3 in liquid oxygen and nitrogen. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Dianov-Kubov, V. I., Melnikov, I. P. - Absorption spectra of oxygen in chloroform and "cyclohexane" transitions in the complex $[\text{O}_2]$. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Gudimov, A. Z., Ponomarev, L. B. - Change in the infrared absorption spectra of ketones under the influence of temperature and dissolution of salts. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Gerasimov, N. A., Orlovskaya, N. O. - Mutual effect of processes of dissociation and vibrational relaxation behind shock wave front in mixtures H_2 - He. *Teor. i eksp. khim.* 4 no. 6:289-294 B-O '88.
- Izrael'skii, M. G., Krasov, V. P. - Long-wave infrared absorption spectra of crystalline and amorphous polypropylene and triethyl cellulose. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Lashova, E. A., Volynskaya, I. I. - Characteristics of the absorption band in solutions of aqueous ammonia complexes based on their absorption spectra. *Teor. i eksp. khim.* 4 no. 6:289-294 B-O '88.
- Kharobenko, M. P. - Infrared absorption of dihalogen-substituted benzenes in the region of vibration bands. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Kharobenko, M. P. - Relation of intensities of Davydov's splitting components of the ν_2 vibration band of chloroform in solutions. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Kolodina, M. S. - Infrared spectra of quinoline and racemodesteroquinolines. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Kovarskaya, B. P., Kovarskii, V. A. - Form of optical absorption lines in phase-square complexes of the type $[\text{PtCl}_4]^{2-}$. *Teor. i eksp. khim.* 4 no. 6:289-294 B-O '88.
- Lashova, E. A., Kharobenko, M. P. - Fermi resonance splitting in the spectra of chlorobenzene solutions. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Mel'nik, M. G., and others. - Infrared absorption spectra of diethyl-substituted 1,4-divinylbenzene. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Minkis, V. I., and others. - Electronic structure and absorption spectra of copper complexes of allyl ethylamines. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Shobepkin, D. M., Beloserebrenskaya, L. P. - Determination of the configuration of hydrogen-bonded complexes in a gaseous phase by rotational-vibrational absorption spectra. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Shakhovskoi, N. M., Shakhovskaya, D. M. - Infrared absorption spectra and the structure of tertiary lithium halides. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Vallier, K. A., Vallier, R., Melnikov, I. P. - Determination of the number of carbonyl groups in mono and difluoro derivatives of inden by measurement of the integral intensities of C=O bands in the infrared. *Izv. AN, Latv. SSR, Ser. khim.* no. 4:131-138 '88.
- Keld, A. P., and others. - Study of α -thiophenolines and their chelate complexes with Cu^{2+} . Part 2: Calculation and interpretation of electronic absorption spectra of thiophenolines. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- 234.37 Luminescence. Fluorescence. Phosphorescence**
Kramskiy, S. M., Kalibabchuk, V. A. - Fluorescence of anthraquinone dyes in alcohol solutions. *Teor. i eksp. khim.* 4 no. 6:289-294 B-O '88.
- 234.39 Scattering. Raman effect**
Dushkin, P. A., Plotar, F. - Studying the width of rotational lines of Raman scattering in gases as a function of the quantum number J. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Dorlov, M. G., Sverdlov, I. M. - Vibrational spectra of condensed hydrocarbons. Part 1: Calculation of absolute intensities and depolarizations in Raman scattering spectra of trans-butene-2, cis-butene-2, and isopropyl ethylene. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Isakov, L. M., Vallier, K. A., Tikhonov, M. M. - Theory of the shape and width of lines in low-frequency Raman scattering spectra. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Kovalov, I. F., and others. - Integral intensities and depolarization degree of Raman scattering lines of $(\text{CH}_3)_2\text{SO}$, $(\text{CH}_3)_2\text{S}$, $(\text{CH}_3)_2\text{CO}$, $(\text{CH}_3)_2\text{O}$, and $(\text{CH}_3)_2\text{S}_2$. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Kuzina, V. S., Kuts, S. M., Sverdlov, I. M. - Theoretical and experimental study of the absolute intensities and depolarization lines in Raman scattering spectra of polycyclic molecules. Part 1: Tetrahydrofuran. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- Mikhlin, A. A. - Methods for the spectra of Raman spectra of complex atoms. Part 3. *Uch. zap. LGU no. 3:277-285 '88.*
- Pervukhin, N. V., Rastin, Sh. Sh. - Some characteristics of Raman scattering spectra of adsorbed molecules. *Opt. i spekt.* (zhur. st. 3:277-285 '88).
- 234.4 Interference. Diffraction, etc.**
Kut, A. I., Litvinenko, L. M., Shakhovskoi, V. P. - Diffraction properties of asymmetric metal tape arrays. *Izv. vuz. radiofiz.* no. 1:106-111 '88.
- Isakov, L. M., Mozhaiskii, A. V. - Diffraction of a plane electromagnetic wave on two parallel radially polarized circular plasma cylinders. *Dokl. AN SSSR* 183 no. 3:15-17 Mr. '88.
- Pollakovich, I. U. M. - Correlation of spatial fluctuations of the amplitude and phase of a wave diffracted on a rough screen. *Izv. vuz. radiofiz.* no. 1:106-111 '88.
- 234.5 Polarization, double refraction, etc.**
Podgatskii, V. M., Chernets, A. M. - Polarization of stimulated radiation from neodymium ions in a glass laser. *Zhur. eksp. i teor. fiz.* 84 no. 3:1374-1378 My '88.
- 234 Heat. Thermodynamics**
Abasov, M. T., Tikhonov, A. B., Radtsig, S. I. - Approximate dependence on the temperature of pressure at the initial stage of retrograde phenomenon in the system water - natural gas. *Dokl. AN Azerb. SSR* 24 no. 4:13-14 '88.
- Araukhan, O. I., Chelishkova, A. A. - Study of phase composition of bauxite heating products. *Zhur. prikl. khim.* 35 no. 8:1682-1686 Ag '88.
- Artem, B. I. - Determination of heat of formation of a series of compounds by a quantitative chemical analysis. *Zhur. prikl. khim.* 41 no. 4:783-787 Ap '88.
- Batala, G. I., Shilov, V. V. - Microthermometry for an X-ray installation. *Zav. lab.* 34 no. 8:824-825 '88.
- Bisnovatyi-Kogan, G. S. - Role of radiation in the formation of solar wind. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 4:123-123 J1-Ag '88.

636 (Continued)

- Borovoi, V.I.A. - Selecting the optimum radius of bluntness for an axisymmetric body considering surface radiation. *Izv. AN SSSR, Mekh. zhid. i gaz.* no. 4:193-196 *JI-Ag* '68.
- Bukht, S.L., Tikhonov, A.S., Shumskii, V.S. - Investigating temperature conditions of rolling transformer steel on various mills. *Sbor. tr. TsvETCHM* no. 63 24-29 '67.
- Dmitriyev, V.I. - Heat transfer of a radiating and absorbing half-transparent fluid under free convection conditions. *Khim. mashinost.* no. 6:99-106 '68.
- Dogadkin, B.A., Pavlov, N.N. - Study of the vulcanization in the presence of diphenylguanidine. Part II: Thermal decomposition of diphenylguanidine and its reaction with sulfur at vulcanization temperature. *Vysokom. soed.* 4 no. 1:53-67 *Ja* '62.
- Drozd, N., Petru, F. - Thermal decomposition of bromides of some divalent metals. *Zhur. teorg. khim.* 13 no. 3: 593-594 *F* '68.
- Drozd, N., Petru, F., and others. - Effect of flow speed on heat emission during the condensation of propane vapors. *Chem. prof.* 13 no. 8: 39-41 *Ja* '68.
- Erdem, R.S., Bahat, G.G., Mavretsa, M.G. - Physicochemical study of the system containing K_2AlF_6 , K_2AlF_5 and $LiAlF_4$. Part 2: Fusibility diagrams of the K_2AlF_6 - $LiAlF_4$ system. *Arm. khim. shr.* 18 no. 6:458-461 '66.
- Gail'perin, M.I., Kravtsov, V.B. - Calculation and modeling of chemical reactors for exothermic processes. *Khim. prikl. khim.* 35 no. 17:1728-1732 *Ag* '62.
- Gordelino, A.G. - Calculating the thermal stability of a liquid-droplet contact in an emergency. *Iskh.-fiz. shr.* 9 no. 2:232-234 *Ag* '63.
- Guzel, R.N., Sha.ohanko, S.L. - Theory of thermal conductivity of the dielectric samples of fluid state. *Zhur. eksp. i teor. fiz.* 54 no. 5:1623-1624 *Ny* '63.
- Gyromov, A.A., Akhmedov, S.K. - Boundary conditions of the regular thermal regime. *Ukr. fiz. shr.* 13 no. 4: 405-408.
- Habo, G.I.A., Andreevskii, D.N., Karsava, S.I.A. - Calculation of the thermodynamic functions of alkali halides with asymmetrical rotators. *Teor. i eksp. khim.* 4 no. 8:413-417 *N-D* '68.
- Kazanskii, V.I., and others. - Enthalpy of carbon, a review. *Dokl. AN SSSR* 163 no. 1:106-113 '68.
- Kozlov, P.M., Kollarskii, P.A. - Method for determining the critical density of a saturated substance according to experimental data. *Iskh.-fiz. shr.* 9 no. 2:232-234 *Ag* '63.
- Kulasek, I.A. - Some problems of the theory of evaporation and growth of droplets. *Koll. shr.* 30 no. 4:527-532 *JI-Ag* '68.
- Kuznetsov, L.A., Minoplov, I.D. - Effect of the dependence of thermophysical characteristics of materials on the molecular weight temperature fields turbine blades. *Izv. vyz. uch. zap. ser. fiz. i khim.* 11 no. 1:128-131 *O* '68.
- Kutcheravskii, I.R., Tikhonov, N.V., Rozhnova, L.M. - Homogeneous chemical equilibrium of K_2O_4 - $2NO_2$ dissolved in carbon dioxide in the neighborhood of the solvent critical point. *Dokl. AN SSSR* 163 no. 1:144-147 '68.
- Kurpator, A.M. - Calculation of the motion of a liquid in the interpipe space of heat exchangers and other apparatus. *Teplotekhnika* 15 no. 6:17-23 '68.
- Kuznetsov, M.D., Kuznetsov, E.R. - Analytic method of calculating the absorption column. *Mekh. i kolkolchim.* no. 8:71-79 '68.
- Lianzhskii, L.I. - Thermodynamics and its relation to light scattering, mutual diffusion, and absorption of sound in water solutions. *Sov. i rol' vody v khim. org.* no. 1:48-57 '64.
- Manzha, M.V., Chernov, A.M., Tursanov, G.I. - Temperature of the metal during extrusion on a high-speed hydraulic press. *Sbor. tr. TsvETCHM* no. 62: 61-68 '67.
- Marechko, A.N., Solov'ev, O.M. - Some problems of heat transfer and hydrodynamics of a rotor-type thin-film apparatus. *Khim. mashinost.* no. 6:93-98 '68.
- Martov, I.U.A., Rubinskii, I.A., Yrta, S.E. - Studying the association of aromatic hydrocarbons by the cryoscopic method. *Mekh. i kolkolchim.* 8 no. 6:604-607 *N-D* '68.
- Miler, G.H. - Measurement of thermal conductivity of the oxide layers of cathodes of electronic vacuum devices according to the time of the establishment of the temperature of their emitting surfaces. *Radiotekhnika* 14 no. 1:87-100 *Ja* '60.
- Modulova, S.L., Manovets, L.M., Martov, M.M. - Thermal and X-ray diffraction studies of alloys in the system Ag_2Te_2 - $AgTe_2$. *Izv. AN Mold. SSR* no. 11: 110-115 '63.
- Plachikov, I.V., Mikulskii, A.S. - Thermodynamics of reduction reactions of calcium and magnesium oxides by silicon. *Khim. prikl. khim.* 35 no. 8:1084-1091 *Ag* '62.
- Rakusov, M.I., Gurevich, I.A., Troshin, A.K. - Testing a jet evaporator of liquefied gases. *Chem. prof.* 13 no. 8:17-19 *Ja* '68.
- Rubinskii, E. - Asymptotic decomposition of sequence generated by alternative processes. *Lect. mat. sci.* no. 4:281-311 '68.
- Rozhnova, L.M. - Problems and results of the First Scientific-Methodical Conference on Thermodynamics. *Trudy MPOKHOP* no. 47:18-187 '64.
- Rubinskii, L. - Temperature field engendered due to the penetration of an incompressible liquid into a porous medium. *Lect. mat. sci.* no. 4:312-341 '68.
- Rumyantsev, A.L., Rubinskii, E.D., Rubinskii, P.A. - On the dispersion theory. Part I: Thermodynamics of noninteracting systems. *Koll. shr.* 30 no. 4:573-580 *JI-Ag* '68.
- Sakharovskii, M.O., Yomilav, D.S., Kallor, A.A. - Heat conductivity of bimorph-anisotropic solid solutions. *Dokl. AN Azerb. SSR* 14 no. 4:6-8 '68.
- Skrupov, V.P., Chukhanov, V.M. - Boundary of thermodynamic stability of superheated water and super-saturated steam. *Teplotekhnika* 15 no. 9:66-69 *S* '68.
- Taksoov, T.D., Shukhray, V.F., Chukurov, G.I. - Thermodynamic analysis of three-component solid solution with special structure in the system magnesium-iron-aluminum-oxygen. *Zhur. teorg. khim.* 13 no. 3:593-594 *F* '68.
- Vandebitskii, F.R., Ust'-Kadishnikov, V.P. - Study of polymorphism by high-frequency method. *Uch. zap. Perm. gos. un.* no. 11:24-28 '64.
- Viktr, I.U.V. - Analysis of a two-positional temperature regulator with construction based on a self-exacting oscillator. *Prilozheniya* no. 4:1-3 *Ap* '68.
- Volkovich, M.P., Alekseyev, A.A., Trakhtengerts, M.S. - Equation of state of superheated water vapor for industrial calculations on electronic digital computers. *Teplotekhnika* 15 no. 9:66-69 *S* '68.
- Zavaritskaya, T.A., Pavlova, L.A. - Study of critical boiling of fluorine tetrachloride. *Zav. tekhn.* 34 no. 3: 628-647 '62.
- 636.34 Heat transfer, exchange**
- Akhmedov, S.K. - Calculating the temperature distribution in an eccentric heat-releasing annular layer. *Iskh.-fiz. shr.* 9 no. 2:237-251 *Ag* '63.
- Anisovich, G.A. - Estimating the surface temperature of a metal foundry mold during metal pouring. *Dokl. AN BSSR* 12 no. 3:235-237 *Kh* '63.
- Belokopytov, M.M., Obolnov, A.I.A., Popov, I.A. - Thermal resistance between the body of a transistor and the radiator. *Radiotekhnika* 12 no. 11:90-91 *M* '68.
- Belov, S.L. - Surface temperature effect during hot rolling. *Sbor. tr. TsvETCHM* no. 63: 64-71 '67.
- Belovskii, A.I. - Determining boundary conditions in the transition of a nonstationary mode of heat transfer into a stationary. *Eksploataatsionnaya* 14 no. 8:148 *S* '68.
- Bedarev, V.K., Litskii, K.M. - Study of the heat transfer in a transverse gas flow past a rectangular wedge. *Iskh.-fiz. shr.* 9 no. 2:171-179 *Ag* '63.
- Gimazal'tsev, A.A. - Heat balance of blast furnace smelting in melting zone and emission of various radioactivity. *Mekh. i kolkolchim.* no. 8:70-79 '68.
- Ginsburg, I.P., Kornova, I.Y. - Effect of a turbulent Prandtl number on the friction and heat transfer of a plate in a turbulent gas flow. *Iskh.-fiz. shr.* 9 no. 2:185-188 *Ag* '63.
- Gorbis, X.R., Tushonogii, I.U.L. - Aerodynamics and heat transfer of a falling (ooze) non-blow-through bed. *Iskh.-fiz. shr.* 9 no. 2:177-179 *Ag* '63.
- Kal'hanov, K.G. - Thermal conditions of a coke-oven bank and the arrangement by series of the drawing of coke open for discussion. *Koks i khim.* no. 11:14-26 '68.
- Korobov, V.K., Shupakov, D.F. - Thin-film heat transfer in a transverse flow of a vacuum condensate of alcohol. *Vys. elektr.* no. 8:235-244 '67.
- Kovalevskii, V.I., Bedarev, G.P. - Investigating the temperature range of stable-type combustion. *Izv. vyz. uch. zap. ser. fiz. i khim.* 10 no. 11:128-139 '67.
- Kuznetsov, V.L. - Heat transfer of a laminar flow of heated liquid past a flat plate. *Iskh.-fiz. shr.* 9 no. 2:148-150 *Ag* '63.
- Melitskii, G.V. - Estimates of thermal transmission conditions on the reproducibility of indices related to the dynamics of coal swelling. *Mekh. i kolkolchim.* no. 8:70-79 '68.
- Ostapenko, L.V. - Investigating the temperature of refractory mass along the blast furnace iron notch before the tapping of cast iron. *Mekh. i kolkolchim.* no. 8:113-119 '67.
- Sal'kov, R.Z. - Temperature fields in welding plates along an elliptical contour. *Sov. prof.* no. 9:6-7 *S* '68.
- Shatavskii, V.G., Dyshkov, M.I. - Numerical calculation of temperatures in the course of cooking period in various sections of a heating partition wall. *Mekh. i kolkolchim.* no. 8:61-65 '68.
- Shatrov, M.E. - Nonlinear steady-state systems of differential equations describing heat and mass transfer. *Iskh.-fiz. shr.* 9 no. 2:140-141 *Ag* '63.
- Shukhray, V.F., Voronov, V.A., Kshor, P.L. - Thermophysical characterization of polymer coatings. *Iskh.-fiz. shr.* 9 no. 2:121-124 *Ag* '63.
- Tkachenko, D.N., and others. - Study of contact pyrolysis of thermal-cracking-kerosene in a reactor with a secondary flow of pulverized heat-transfer agent. *Azerb. khim. shr.* no. 8:3-8 '68.
- Tsukongli, A.V., and others. - Heat transfer from the metal and slag to the calcium-protected surface. *Tekhn. met.* 41 no. 11:23-24 *N* '68.
- Kalish, T.S. - Determining the thermal conductivity of liquid semiconductors. *Izv. AN Arm. SSR. Fiz.* 3 no. 4: 437-438 '67.
- 636.4 Action of heat upon bodies**
- Beckwith, L.P., Oshkovevskii, I.A.M. - Thermal decomposition of scales under rarefaction. *Mekh. i kolkolchim.* no. 8:71-79 '68.
- Brinkov, I.U.V. - Dynamics of the formation and transformation of taking coal thermal decomposition products during cooking. *Mekh. i kolkolchim.* no. 8: 79-86 '68.
- Rubinskii, L.M. - Mechanism behind foam formation in molten boiling. *Iskh.-fiz. shr.* 9 no. 2:143-147 *Ag* '63.
- Oshkovevskii, T.A., Savchinskii, A.V. - Studying the process of (thermo-)melting on a steam and air stream burn. *Izv. vyz. uch. zap. ser. fiz. i khim.* no. 8:118-119 '68.
- Kuznetsov, M.D., Novitskii, P.L., Grahovski, A.Y. - Certain problems in the hydrodynamics of controlled moving fluidized bed at the drying of coal concentrate. *Mekh. i kolkolchim.* no. 8:37-44 '68.
- Lipshina, L.P. - Influence of temperature on the results of determining dynamics of coal swelling. *Mekh. i kolkolchim.* no. 8:18-19 '68.
- Makar, P., Vostrik, L. - Dependence of the thermophysical properties of beef during cooking on its quality and moisture. *Alim. ind. SSSR* 39 no. 11:23-24 *N* '64.
- Mikhlin, L.L., and others. - Sterilization of sanitary materials by steam at different pressures. *Sov. mash. ind. TRANZ* 6:68-74 '64.
- Peatkov, S.A., Volkov, B.N., Koles, G.I. - Study of breakup of granite gravel at high temperatures. *Trudy Uch. zap. ser.* 24:102-109 '67.
- Perlick, I.U.R. - Influence of hydrocarbon addition to thermal decomposition of charges containing metal ore concentrate. *Mekh. i kolkolchim.* no. 8:60-71 '68.
- Rylov, V.I., Skonovskii, L.F. - Correlation of the rate of evaporation with the surface energy of normal liquids. *Uch. zap. Kish. un.* 68: 85-90 '67.
- Shapoval, N.I., Kuznetsov, M.P. - Contact method for studying the moistening process of stone layers made from heat-resistant Russian leather. *Trudy No. 1: Temperature field of the "moisture carrier-leather" system and its effects on the heat-resistance of Russian leather. Izv. vyz. uch. zap. ser. fiz. i khim. prof.* no. 8:103-109 '68.
- Volkov, V.A., Katskova, S.P., Martynov, L.P. - Process of pyrolysis of chlorogenic. *Mekh. i kolkolchim.* no. 8:44-49 '68.
- 636.46 Combustion. Flames**
- Averon, A.K., Baryshin, V.V., Martynov, A.G. - Laws governing the ignition of condensed explosives in the case of ideal heat transfer on the surface with allowance for baroclin. *Iskh.-fiz. shr.* 9 no. 2:246-250 *Ag* '63.
- Il'inski, I.M., Rozhnova, A.I., Tverdokhilev, V.B. - Activation energy of the formation of excited radicals OH , CH , and C_2 in acetylene-air flame generated by a discharge. *Iskh.-fiz. shr.* 13 no. 6:1241-1243 *Ja* '68.
- Il'inski, I.M., Tverdokhilev, V.B. - Use of the spectroscopic method and thermocouples in temperature measurements of acetylene-air flame of low pressure. *Ukr. fiz. shr.* 13 no. 6:860-864 *Ja* '68.
- Rubinskii, G.G. - Radiation vibrations in a gas burning in a furnace. *Iskh.-fiz. shr.* 9 no. 2:232-244 *Ag* '63.
- 636.48 Low temperature phenomena**
- Kadek, N.S., Milner, V.P. - Hydrogen viscosity with constant density in the 18.7°K range. *Ukr. fiz. shr.* 13 no. 6:1217-1221 *Ja* '68.
- Makovich, A.A., and others. - Magnetic properties of K_2O_4 single crystals at low temperatures. *Zhur. eksp. i teor. fiz.* 54 no. 8:1341-1346 *Ny* '68.
- Vlasov, R.M., and others. - Use of germanium, alloyed with gallium and silicon, in low-temperature thermometry. *Ukr. fiz. shr.* 13 no. 6:1033-1041 *Ja* '68.
- 636.5 Temperature measurement, control. Thermometry**
- Kolodkov, S.P. - Effect of temperature and moisture on the thermophysical characteristics of raw materials and assembled products of the distilling industry. *Trudy VNIIP* no. 18:20-28 '68.
- Zvezda, P.M., Roznik, L.N. - New instruments for studying explosionproof electrical equipment. *Vys. elektr.* no. 8:237-248 '67.
- 636.6 Heat capacity; measurement. Calorimetry**
- Agrokhin, A.A., and others. - Thermal properties of certain coals of the East. *Koks i khim.* no. 11:1-9 '68.
- Forskov, V.B. - Some results of radiation and temperature measurements in hollows with water coverings. *Trudy Tekhn. mel'khoz. inst.* 10:100-104 '68.
- Sosla, L.M., Shukhray, M.I. - Determining the thermal properties of artificial air with the blow-type B-3 calorimeter. *Russk. No. 2. Izv. vyz. uch. zap. ser. fiz. i khim. prof.* no. 8:28-31 '68.
- 636.73 Entropy. Irreversible processes**
- Kaslov, I.U.M., Martynov, G.A., Tshchikov, S.Y. - On a formula in the theory of electrolyte solution. *Radiotekhnika* 14 no. 11:1778-1780 *N* '68.
- Shukhray, V.F., Kozlovskii, P.M. - Irreversible thermodynamics of some phenomena in non-equilibrium systems. Part 3: Production of entropy. *Vestn. AN BSSR. Ser. khim. nav.* no. 3:24-26 '68.
- 637.2 Electrostatics. Electric charges, etc.**
- Belkashin, G.G., Gurevich, G.M. - Theory of the secondary electron emission monitors. *Izv. AN Arm. SSR. Fiz.* 3 no. 6:435-438 '67.
- Naurov, A.M. - Use of electron-ion technology in agriculture. *Nauka. tr. VNIIEK* 20:448-468 '67.
- Davydov, T.G., Dnestrovskiy, I.U.M. - Characterized oscillations of a high density plasma in an electric field. *Ukr. fiz. shr.* 13 no. 6:1020-1030 *Ja* '68.
- Karimova, A.Kh., Vasylov, S.P. - Magnification of "physiological time" in the occurrence of electric cardiac fibrillation. *Sbor. mash. ind. KOMI* 4:28-33 '67.
- Mavretsa, M. - Plan of the State Commission for the Electrification of Russia up to the present. *Tekhn. prof.* 48 no. 1:2-3 '68.

537.1 (Continued)

- Markov, A. I. - Electrodeposition of synthetic materials used for clothing manufacture. Tekst. prom. 22 no. 10:18-21 D '85.
- Medvedev, O. I. A. - Effect of the frequency and intensity of the stimulating current on the cardiac activity. Sborn. nauch. rab. KJMI 43:12-13 '87.
- Vardenian, V. A. - Effect of the space charge on the stability of the form of a plasma column with free boundary. Izv. AN Arm. SSR. Fiz. 3 no. 4:404-414 '87.

- 537.212 Electric fields. Lines of force. Tubes of force.
- Barov, A. M. - Use of electron-ion technology in agriculture. Nauch. tr. VIESKH 30:445-446 '87.
- Karabach, G. V., Larin, I. K., Tal'roze, V. L. - Radiolysis of gases in the electric field. Part I: Effect of electric field on mass concentration of ions in the ionization chamber. Khim. vys. energ. 3 no. 6:634-638 M-D '85.
- Krasov, V. S., Bakhtiev, M. F. - Optical radiation, electromagnetic fields and ultrasound in the technological processes of agriculture. Nauch. tr. VIESKH 30:430-444 '87.

537.225 Dielectrics. Ferroelectricity

- Bata, V. A., Kalyaykova, S. S., Kurikho, V. I. - Scattering of electromagnetic waves by a piecewise homogeneous dielectric. Izv. vuz. radiofiz. 31 no. 1:10-15 '88.
- Dem'yanov, V. V., Solov'ev, S. P. - Dynamic polarization and losses in ferroelectric substances. Zhur. eksp. i teor. fiz. 54 no. 5:1543-1553 My '88.
- Dikhal, L. D., Buzuk, I. V. - Theory of ferroelectricity in a polar model. Ukr. fiz. zhur. 13 no. 5:585-594 Ja '88.
- Oranovskii, V. A., Shcherbak, I. M. - Dielectric permeability as a factor determining the separation in gas chromatography. Mekh. i fiz. 3 no. 6:906-914 M-D '88.
- Gurzh, R. N., Shovchuk, S. L. - Theory of thermal conductivity of the dielectric samples of finite size. Zhur. eksp. i teor. fiz. 54 no. 5:1523-1526 My '88.
- Isaev, L. G., Mostarank, V. I. - Temperature of ferroelectric phase transitions in $\text{Bi}(\text{Bi}^{1/2}\text{Ti}^{1/2})\text{O}_6$ and $\text{Bi}(\text{Bi}^{1/2}\text{Ti}^{1/2})\text{O}_6$. Izv. AN SSSR, Neorg. mat. 4 no. 5:1760-1764 My '88.
- Krokhina, A. I. and others. - Study of the structure of thin dielectric films produced by cathode sputtering of single and multi-phase substances. Izv. AN SSSR, Ser. fiz. 32 no. 5:1078-1081 Ja '88.
- Makarov, A. I., and others. - Effect of irradiation by fast neutrons on the density of dislocations in silicon. Dokl. AN SSSR 13 no. 3:330-331 Mr. '88.

537.3 Electric current. Electrodeposition

- Achazov, N. N., Samkov, L. M. - Protection of p -regions in n - p junctions and the hypothesis of p -region coupling with the conserved current. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Akymenko, M. I. - Effect of alloying impurities on the electrochemical properties of lead telluride. Ukr. fiz. zhur. 13 no. 5:1078-1081 Ja '88.
- Andreev, A. V. - Destruction of superconductivity by a current. Zhur. eksp. i teor. fiz. 54 no. 5:1515-1518 My '88.
- Andronikashvili, E. L., Tkachenko, D. B., Chigvinchuk, I. B. G. - Temperature effect of dislocation processes in superconductors of the second kind. Sborn. AN Gruz. SSR. 81 no. 1:55-56 Ji '88.
- Arkhutan, B. M. - The Ginzburg-Landau equations as applied to a current-carrying superconductor. Dokl. AN Arm. SSR 48 no. 4:173-175 '88.
- Berezinski, V. S. - Decay of A_{xy} , A_{yz} and the current algebra. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Bibik, M. E., Lavrov, I. S., Markovskiy, O. M. - Microtrophic mobility and interaction of particles. Koll. zhur. 30 no. 4:404-408 Ji-Ag '88.
- Ditman, S. A., and others. - Utilization of a scanning electron microscope in investigating semiconducting heterojunctions. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Orlovskiy, V. P., Repasov, R. L. - Universal relation between absorption spectra and luminescence spectra in semiconductors with large pumping intensities. Dokl. AN SSSR 183 no. 1:67-70 '88.
- Kamornik, M. K., and others. - Coefficients of distribution in some semiconductor materials. Izv. AN SSSR, Neorg. mat. 4 no. 5:1765-1768 My '88.
- Koshka, V. M., Atrushchenko, L. V., Fedman, I. U. A. - Impurities in semiconductors with stoichiometric vacancies. Dokl. AN SSSR 183 no. 1:63-66 '88.
- Kotetskii, R. S. - Distribution of the current, magnetic field, and temperature inside a cylinder with temperature dependent conductivity in a constant longitudinal electric field. Ukr. fiz. zhur. 13 no. 5:1078-1081 Ja '88.
- Lovinson, L. B., Mikhlin, A. I. U. - Current fluctuations in a semiconductor in a strong electric field. Zhur. eksp. i teor. fiz. 54 no. 5:1496-1478 My '88.
- Mataev, I. M., Prymachenko, V. I., Golik, O. V. - Effect of metal impurities on the electron state of the germanium surface. Ukr. fiz. zhur. 13 no. 5:1078-1081 Ja '88.
- Negreski, V. V., Radtsig, S. I., Stobodnikov, S. V. - Electric and photoelectric properties of gallium phosphide. Izv. AN Mold. SSR. no. 1:115-119 '87.
- Pokatilov, K. P., Khilmanov, A. A., Poloskii, M. A. - Spin-phonon and electron-phonon interaction in semiconductors with extrinsic loops. Uch. zap. Kazan. univ. 80:43-56 '87.
- Radnaya, V. M. - Analytical method of determining the electric resistance of glass. Stok. i ber. 34 no. 1:11-13 Ja '87.

- Tarakanov, R. G. - Quantum oscillations of the thermoelectric coefficient in a transverse magnetic field in n - InSb -type semiconductors. Izv. AN Arm. SSR. Fiz. 3 no. 6:433-436 '87.
- Tsvetkov, V. P., Karimov, I. K. - Radiative corrections to neutrino annihilation of the lepton - antilepton pair. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Tsigan, I. U. M., Krasenko, V. V., Shcherbak, O. G. - Electro resistance of thin single crystal aluminum plates. Zhur. eksp. i teor. fiz. 54 no. 5:1521-1532 My '88.
- Volkov, V. M., Kurilin, B. I., Khramov, V. A. - Stabilization of the phase characteristic of a resonant parallel circuit. Radiotekhnika 23 no. 11:7-9 M '88.
- Zaitsev, B. O. - Effect of dislocations on superconductivity. Zhur. eksp. i teor. fiz. 54 no. 5:1448-1454 My '88.
- Zavadovskii, A. - Effect of impurities on the superconducting-type phenomena in a one-dimensional system. Zhur. eksp. i teor. fiz. 54 no. 5:1438-1438 My '88.
- Zolotarev, T. S. - Determining the thermal conductivity of liquid semiconductors. Izv. AN Arm. SSR. Fiz. 3 no. 6:437-439 '87.

537.5 Electric discharges, radiation, ionization

- Adamovich, M. I., and others. - Phenomenological analysis of photoproduction of charged pions on positrons in the near-threshold energy region. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Arifov, U. A., Akhmedov, A. A. - Angular regularities of energy spectra of secondary ions scattered by a single crystal. Dokl. AN SSSR 183 no. 1:60-63 '88.
- Beier, V. M., and others. - Double bremsstrahlung during electron collisions: hard end of the spectrum. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Gerasov, V. M., Karymova, M. - Density of sine and cosine waves in the solid and liquid states and their values changes on melting. Dokl. AN SSSR 183 no. 1:141-142 '88.
- Kamenskii, A. I., Shalnova, V. K. - Structure of radiation polymer of polyethylene. Zhur. prikl. khim. 36 no. 8:1870-1871 Ag '88.
- Leonov, E. M., Shavrin, A. M. - Methods of making of sample with fading agent and its action of melt in are discharge during spectral analysis of nonmetallic specimens. Uch. zap. Perm. gos. univ. no. 11:97-100 '84.
- Orlov, B. V. - Dependence of nonrelativistic momentum from the energy of accelerated electrons. Atom. energ. 25 no. 5:438 R '88.
- Pivovarov, L. I., Levchenko, I. U. Z., Grigor'ev, A. N. - Ionization of gases by 0.3 MeV. - 1.8 MeV. He^+ ions. Zhur. eksp. i teor. fiz. 54 no. 5:1510-1517 My '88.
- Prokudin, V. M. - Effect of ionizing radiation on the electric activity of muscular tissue. Sborn. nauch. rab. KJMI 43:13-14 '87.
- Prokudin, V. M. - Effect of ionizing radiation on the excitability of the vestibular apparatus. Sborn. nauch. rab. KJMI 43:17-20 '87.
- Tarasov, A. V. - Observations in the bremsstrahlung in the low approximation. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Vishala, I. M., Galitski, M. K. - Threshold behavior of ionization cross sections. Atom. stek. no. 4:117-118 '87.
- Xil'berstein, S. M., Shavrin, A. M. - Comparative evaluation of some methods of the insertion of specimens in discharge some in spectral analysis of nonmetallic objects. Uch. zap. Perm. gos. univ. no. 11:101-108 '84.

537.53 Discharge rays and radiation phenomena

- Pankratov, A. K., Stepanov, A. A. - Some results in studying the diurnal variation in motion and hard components of cosmic rays. Izv. Krym. astrofiz. obser. 28:120-131 '88.
- Vladimirov, B. M. - Minor flare effects in cosmic rays according to measurements in the stratosphere. Izv. Krym. astrofiz. obser. 28:132-140 '88.

537.531 X rays. Gamma rays

- Benigunina, P. A., Avodichuk, V. I. - Effect of photoelectric oscillations of a crystal lattice on the intensity of X-ray diffraction peaks. Izv. AN Arm. SSR. Fiz. 3 no. 6:431-437 '87.
- Mikhlin, M. A., Volkov, V. F. - X-ray L_{α} and L_{β} emission bands and the structure of the α -band of copper. Dokl. AN SSSR 183 no. 1:64-68 '88.
- Polishchuk, A. B. - Further observation of the functional state of the skin in trichomycosis during X-ray treatment. Sborn. nauch. rab. KJMI 43:213-218 '87.
- Dolbikina, B. S., and others. - Cross section of gamma-ray absorption by sulfur nuclei in the region of giant dipole resonance. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Gerasov, V. V., and others. - Spectra of γ -rays originating during the capture of thermal neutrons by Nd isotopes. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Kagan, I. U., Akhmedov, A. M., Perestov, I. P. - Theory of the resonance Raman scattering of γ -quanta on perfect crystals. Zhur. eksp. i teor. fiz. 54 no. 5:1530-1541 My '88.
- Kolobovskii, A. M., Ushakov, V. V. - Calculating the penetration of γ -radiation through an inhomogeneous barrier. Atom. energ. 25 no. 4:443-444 M '88.
- Radtsig, S. I., Manoylov, L. M., Markov, M. M. - Thermal and X-ray diffraction studies of alloys in the systems Ag_2Te - Bi_2Te_3 . Izv. AN Mold. SSR. no. 1:115-119 '87.
- Smirnov, Y. M., Ushakov, M. I., Morozov, A. M. - Use of Te^{125} isotope as a source of X-radiation. Atom. energ. 25 no. 4:434-435 M '88.
- Volkovskii, V. K., and others. - Diffraction of resonance γ -radiation on the model and electrons in the single crystals. Zhur. eksp. i teor. fiz. 54 no. 5:1531-1573 My '88.

- 537.533 Negative rays. Cathode rays. Electron optics.
- Anashin, I. Y., Stokanova, I. G., Shapagina, M. D. - Millivolt interference of electrons caused by the breakup of an electron wave front. Izv. AN SSSR, Ser. fiz. 32 no. 5:1051-1057 D '88.
- Diklov, V. G. and others. - Microelectron optics of an emission microscope with a magnetic field at the cathode. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Vishkova, T. I. A., Baranova, L. A., Lavov, S. I. A. - Investigation of the spherical aberrations of quadrupole lenses. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Naevil, L. - Subgratings of the invisibilities. Okhr. izob. i soz. stek. 13 no. 1:15-17 Ja '80.
- Ovsiannikov, I. P., Chochalla, V. M., Lavov, S. I. A. - Possibilities for the correction of the spherical aberration of quadrupole lenses. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Saparin, G. V., and others. - Observation of magnetic micropoles in a scanning electron microscope at energies of primary electrons of tens of keV. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Sokol, M. N. and others. - Formation of images of magnetic micropoles of an arbitrary type in an electron reflecting microscope. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Sokol, M. N. and others. - High contrast images of micropoles in an emission microscope and calculation of reflected micropoles according to contrast. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Sokol, M. N., Luk'yanov, A. H., Apivak, G. V. - Calculation of electrical micropoles according to their image in an electron reflecting microscope. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Apivak, G. V., and others. - Contrast of a picture of magnetic micropoles observed in a scanning electron microscope. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Molodtsov, L. G., Anashin, I. Y. - Determining the nonohmic component wave function of electrons forming an electron microscope image. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.
- Tongar, A. M., and others. - Study of deoxyribonucleic acid by the electron microscopy method. Part I: Molecular morphology of deoxyribonucleic acid produced by different methods. Vysokom. soed. 4 no. 1:140-142 Ja '88.
- Tongar, A. M., and others. - Study of deoxyribonucleic acid by the electron microscopy method. Part II: Change of molecular morphology of deoxyribonucleic acid under the effect of ionizing radiation. Vysokom. soed. 4 no. 1:143-144 Ja '88.
- Voropayev, M. M., Adamov, A. A. - Removal of foreign bodies from the lungs under the control of an electron-optical transducer with a television unit. Orud. i prib. 7 no. 5:109-108 M-D '88.
- Zhdanov, G. K., Vasilov, V. N. - Determining the temporal of objects under the electron microscope. Izv. AN SSSR, Ser. fiz. 32 no. 5:1073-1077 Ja '88.

538 Magnetism

- Isakhtskiy, V. G., Pavlovskiy, M. A., Tarasov, V. V. - Effect of dislocations on the line width of uniform ferromagnetic and antiferromagnetic resonances. Zhur. eksp. i teor. fiz. 54 no. 5:1501-1512 My '88.
- Horovskiy, G. M. - Modulation spin waves in antiferromagnetic substances in the presence of an external magnetic field. Ukr. fiz. zhur. 13 no. 5:1078-1081 Ja '88.
- Chopelov, I. V., Lurik, V. N., Dem'yanov, S. A. - Microtron paramagnetic resonance of Mn^{2+} and Fe^{3+} ions in As_2S_3 and As_2S_5 glasses. Izv. AN SSSR, Neorg. mat. 4 no. 5:1761-1768 My '88.
- Chutov, I. U. - Reflection of a plasma plane moving from a local surface. Ukr. fiz. zhur. 13 no. 5:1078-1081 Ja '88.
- Kryazev, V. I., Pavlovskiy, V. A. - Modeling of the spectrum of spatial harmonics and the field distribution of π -type oscillations of a rod magnetron using an induced current. Vop. elekt. model. pol. no. 3:165-177 '87.
- Gerasimov, G. M. and others. - Analysis of the method of induced current based on finite values of load resistance and the dimensions of a rod. Vop. elekt. model. pol. no. 3:14-15 '87.
- Gerasimov, G. M. and others. - Application of the induced current method to the solution of gravity prospecting problems. Vop. elekt. model. pol. no. 3:165-164 '87.
- Gerasimov, G. M., Pavlovskiy, V. A., Pronin, V. P. - Analog MNT-17 modeling device for the spectrum analysis of spatial harmonics and field distributions using an induced current method. Vop. elekt. model. pol. no. 3:165-113 '87.
- Gerasimov, G. M., Khramov, G. V. - Prospects for modeling fields for a general case of nonhomogeneous toroidal media using an induced current method. Vop. elekt. model. pol. no. 3:165-170 '87.
- Gerasimov, G. M., Khramov, G. V., Pavlovskiy, V. A. - Solution of external boundary value problems using an induced current method. Vop. elekt. model. pol. no. 3:171-78 '87.
- Iul'met'ev, B. M. - Nuclear magnetic relaxation in the liquid specified by molecular interactions of nuclear spins. Part 2: Quadrupole relaxation. Zhur. stek. khim. 7 no. 5:641-644 M-D '88.
- Krivoslavskii, G. B., Baginskiy, G. P. - Diffraction of a plane electromagnetic wave on a slanted grid of conducting wires. Radiotekhnika i elektronika. 14 no. 1:18-24 Ja '88.
- Khokhlov, A. V. - Assignment of Dirichlet's boundary conditions on a surface during the modeling of the Laplace level using an induced current method. Vop. elekt. model. pol. no. 3:18-25 '87.
- Kolobovskiy, I. A. and others. - Theoretical and experimental study of the diffraction of a plane wave on a bar grid. Radiotekhnika i elektronika. 14 no. 1:19-17 Ja '88.

336 (Continued)

- Khrushchak, V. P., and others. - Methods for calculating a boundary value problem in electrostatics with mixed boundary conditions and its experimental verification. *Radiotekhnika i elektronika*, 14 no. 128-25 Jan '68.
- Kuznetsov, R. A. - Distribution of the current, magnetic field and temperature inside a cylinder with temperature dependent conductivity in a constant longitudinal electric field. *Ukr. fiz. zh.*, 13 no. 6:503-505 Jan '68.
- Pavlovskiy, V. A., Khokhlov, A. V. - Use of electrically conducting paper in modeling Dirichlet's problems using an MNT-PE system. *Vop. tekhn. model. pol.*, no. 3: 121-123 '67.
- Pechenkin, V. A., Shapovalov, V. A. - Effect of spatial harmonics of the asymmetrical component of a high-frequency field in the pumping zone on the operation of an Aler tube. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Yatsenkov, A. V., and others. - Magnetic properties of gadolinium and samarium sesquioxides and tellurides. *Izv. AN SSSR, Neorg. khim.*, 4 no. 5:771-773 May '68.
- Podkasaev, V. G., Novikov, L. M. - Coherence transfer in the radiofrequency resonance on the emission frequency. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Ponomarev, R. V., and others. - New type of oscillations of the longitudinal magnetic resistance. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Prokhorov, V. P. - Potentiometric assignment of boundary conditions. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Prokhorov, V. P., Sazonov, A. M. - Study of the electrical field of a synchrotron using the induced current method. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Salli, I. N. - Modeling of high-frequency fields of periodic structures using static field models. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Salli, I. N. - Use of MNT-VZ-type analog systems for studying transmission lines with transverse electromagnetic waves. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Shumakov, A. A., and others. - Magnetic properties of Eu_2O_3 single crystals at low temperatures. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Sedukhin, V. A., Prokhorov, V. P. - Modified MNT-VZ-V system for modeling three-dimensional fields using an induced current method. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Sedukhin, V. A., Savost'yanov, T. D. - Modeling of the electromagnetic field of irregular wave guides using an induced current method. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Sedukhin, V. A., Tuganov, R. Kh., Savost'yanov, T. D. - Models with quasi-static field for studying electromagnetic fields in wave guides with random cross sections. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- Valiev, K. A., Rukhovich, M. M. - Attenuation of the spin echo signals by means of a diffusion of particles in magnetic fields with variable gradients. *Zhur. struk. khim.*, 7 no. 4:834-848 N-D '68.
- Vasilev, R. P. - Relaxation method for solving a boundary value problem using analog computers. *Vop. tekhn. model. pol.*, no. 3:124-124 '67.
- 226.11 General laws of magnetic action. Coercive force**
- Kopylov, V. F., Lazarev, V. P., Shchegolev, S. M. - Use of the nuclear magnetic resonance method in studying the hydrogen bond. Part 8. Association of chloroform with cyclic ethers and thioethers. *Opt. i spekt.*, zhurn. et. 13:24-28 '67.
- Dobson, G., and others. - Combined use of the EPR and "activation" methods for studying the process of thermal decomposition of wood and its components. *Izv. AN Leir. SSSR, Ser. Khim.*, no. 4:487-491 '68.
- Glasov, V. I., Mikhalev, K. M., Stoyanov, R. M. - Observation of 3, 3', 4, 4'-dipropylidene- β -D-fructose examined by means of nuclear magnetic resonance of high resolution. *Dokl. AN SSSR*, 181 no. 5:1233-1234 '68.
- Muraviev, V. I., Akhmedov, L. G. - Application of relaxation EPR effects in radiation chemistry (a survey). *Khim. vys. energ.*, 2 no. 6:482-489 N-D '68.
- Krylov, V. V., Kuchukov, V. E. - Two-quantum photochemical reaction of triphenylmethane at room temperature. *Khim. vys. energ.*, 2 no. 6:482-489 N-D '68.
- Benin, G. K., Belyukhin, T. A. - Nuclear quadrupole resonance of C_2D_2 in organophosphorus compounds containing a PCl bond. *Teor. i eksp. khim.*, 4 no. 5: 534-545 N-D '68.
- Vikhacheva, M. M., Dubashinskii, L. G. - Analysis EPR spectra of Mn^{2+} ions in synthetic zeolites in the frequency range 3000 and 37500 megacycles. *Zhur. struk. khim.*, 7 no. 4:849-859 N-D '68.
- Tsvetkov, I. V., and others. - Study of free radical distribution in irradiated organic materials by means of electron-spin echo. *Khim. vys. energ.*, 2 no. 6:536-535 N-D '68.
- 226.12 Magnetic fields**
- Balashov, A. K., Daliagin, M. M. - Some regularities of the magnetic fields on radial of impurity atoms in ferromagnetic substances. *Zhur. eksp. i teor. fiz.*, 54 no. 5: 1458-1468 May '68.
- Rekhtik, V. I. - Some characteristics of magnetic fields in the solenoid. *Inform. bz. Mikhid. zhurn.*, no. 5:48-54 '64.
- Yakov, A. A., Radikov, L. L., Tikhonov, I. - Effect of a high-frequency magnetic field on plasma instabilities. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Kolpakov, P. K. - Variation of magnetic fields of synchrotrons in time. *Izv. Krym. astrofiz. obs.*, 26:28-34 '68.
- Makina, I. A., Mamonov, V. I. - Dynamics symmetry of a relativistic charged particle in a constant magnetic field. *Izv. fiz.*, 8 no. 5:234-237 D '68.
- Pavlovskiy, R. P., Kibinov, K. S., Shchegolev, S. M. - Impurity atoms in a magnetic field. Optical property transitions. Ground state of free electrons in a magnetic field. *Ukr. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Savost'yanov, T. D. - Magnetic asymmetry and variations of the general magnetic field of the sun. *Izv. Krym. astrofiz. obs.*, 26:28-34 '68.
- Shchegolev, S. M. - Magnetic fields of solar flares. *Izv. Krym. astrofiz. obs.*, 26:28-34 '68.
- 226.13 Magnetic processes and properties**
- Artemev, A. I. - Factors affecting permeability of polymeric materials. *Zhur. mash. bud. TRANTU*, 9: 21-23 '64.
- Chabotsev, M. T., and others. - Magnetic permeability of phosphorus-doped alloys. *Atom. energ.*, 25 no. 5: 431-433 May '68.
- Kirichuk, M. P., Shcher, V. M. - Magnetic properties of cast carbon steel. *Lit. protov.*, no. 10:22-27 O '61.
- Parla, I. U. K., Kharchenko, L. S. - Concerning the theory of magnetooptical effects of localized electrons. *Ukr. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- 226.14 Transmitted magnetism**
- Pedrov, A. K., Stoyanov, A. A. - Some results in studying the thermal variation in section and hard components of cosmic rays. *Izv. Krym. astrofiz. obs.*, 26:28-34 '68.
- Mitov, V. D., Troshchikov, O. A. - Currents of quasi-trapped particles and their interaction in a geomagnetic field (symmetrical approximation). *Kosm. issl.*, 5 no. 5:797-798 N-D '68.
- 226.15 Nuclear, atomic and molecular physics**
- Alchakov, V. A., Vukobratovic, L. A. - Cross sections of elastic scattering of slow electrons by atoms of alkali elements and hydrogen. *Atom. struk. no. 4:101-103 '67.*
- Arslanov, E. V., Vukobratovic, G. V. - Characteristics of the radiation from a source moving near a crystal structure. *Izv. fiz. mat. nat. i tekhn.*, 11 no. 1: 111-121 '68.
- Reier, V. M., and others. - Double bremsstrahlung during electron collisions: hard end of the spectrum. *Izv. fiz. mat. nat. i tekhn.*, 11 no. 1: 111-121 '68.
- Balashov, A. K., Daliagin, M. M. - Some regularities of the magnetic fields on radial of impurity atoms in ferromagnetic substances. *Zhur. eksp. i teor. fiz.*, 54 no. 5: 1458-1468 May '68.
- Belitsky, A. I., Kirovskiy, V. V. - Effect of electron-magnon interaction on the R_2^2 absorption bands in magnetically ordered crystals. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Dubrovskiy, L. M., Yagov, M. L., Khochinskiy, D. I. - New type of the localized states of a conduction electron in an antiferromagnetic semiconductor. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Danilov, R. I. A., Kurov, M. M. - Determination of long-range interaction using a modified method of strong coupling. *Atom. struk. no. 4:101-103 '67.*
- Dobson, G., and others. - Isotope relations for photochemical processes. *Izv. AN Arm. SSR, Fiz.*, 2 no. 5:440-443 '67.
- Kalogin, M. P., Pavlov, A. S. - Calculation of interaction between atoms in semiconductor with tetrahedral bond configurations. *Ukr. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Kalogin, M. P., Pavlov, A. S. - Interaction between atoms in tetrahedral crystals. *Ukr. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Kirichuk, M. P. - Our cooperation with France. *Mov. zhurn.*, 11 no. 4:1-4 Jan '68.
- Makina, I. A., Mamonov, V. I. - Dynamics symmetry of a relativistic charged particle in a constant magnetic field. *Izv. fiz.*, 8 no. 5:234-237 D '68.
- Moskalev, A. M. - Weak interactions in three-nucleon systems. *Izv. fiz.*, 8 no. 5:234-237 D '68.
- Miyazawa, Y., and others. - Some experimental effects of the analysis of the form factor. *Dokl. AN SSSR*, 181 no. 5:1233-1234 '68.
- Pavlovskiy, R. P. - Asymptotic behavior of the wave function of a system of charged particles. *Atom. struk. no. 4: 101-103 '67.*
- Pavlovskiy, R. P. - Electron scattering by helium atoms. *Atom. struk. no. 4:101-103 '67.*
- Pavlovskiy, R. P., Kibinov, K. S., Shchegolev, S. M. - Photochemical reaction of triphenylmethane at room temperature. *Khim. vys. energ.*, 2 no. 6:482-489 N-D '68.
- Defacement of approximate methods for calculating the effective cross sections of electron-atom collisions. *Atom. struk. no. 4:101-103 '67.*
- Shchegolev, S. M. - Effect of tensor forces on magnetic scattering in the nuclear matter. *Ukr. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Sedukhin, V. A. - Deviations from the Maxwellian distribution of electrons by energies in a weakly ionized plasma. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Yakovlev, V. K., and others. - Diffraction of resonance γ -radiation on the nuclei and electrons in the single crystal. *Zhur. eksp. i teor. fiz.*, 54 no. 5:1597-1598 May '68.
- Kedrov, G. B., Vertman, V. M. - Determining the temperature of objects under the electron microscope. *Izv. AN SSSR, Ser. Fiz.*, 23 no. 7:1187-1188 Jan '68.
- Zhelezov, G. A., Vertman, V. M. - Investigation of the formation mechanism of hydrocarbon impurities on electron-irradiated objects. *Izv. AN SSSR, Ser. Fiz.*, 23 no. 7:1187-1188 Jan '68.
- 226.16 Effect of radiation: physical, chemical, biological**
- Abdullayev, K. - Effect of local X irradiation on the posttranslational regulation of enzymes in rats. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Adigirova, R. Kh., and others. - Preliminary data of a study of radioresistance of tumor cells in a tissue culture. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Abdullayev, M. G., Adigirova, R. Kh., Gerdanov, G. P. - Mitotic index and the DNA content of M-1 tumor irradiated under local hypoxia. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Adigirova, R. Kh. - Characteristics of modifications in the radioresistance of tissues in repeated irradiation. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Artemev, A. K., Balashov, S. A., Balashov, S. B. - Preliminary data of the use of vitamins as a radio-sensitizer in the treatment of neoplasms. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Arshinov, L. D. - Changes in the radioresistance of ascitic ovarian tumors in rats following chronic irradiation. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Bakina, M. M., and others. - Use of vitamins P-quercetin and "flavellin" in radiation sickness in rats. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Balashov, S. B. - Principles of modification of the radioresistance of neoplasms. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Balashov, S. B. - Radioresistance of neoplasms. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Balashov, S. B., and others. - Correlation of the dose and time radiotherapy of esophageal cancer. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Balashov, S. B., Ashigaliev, M. A., Balashov, S. A. - Intensity of regression of transplanted tumors in rats depending on different methods of the radiation dose fractionation. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Bakina, M. M., Makhovskiy, O. V., Shchegolev, T. A. - Survival and regeneration of HeLa cells, gamma-irradiated at various fractionation moments. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Bakina, M. M., Shchegolev, T. A. - Combined effect of radiation and hypothermia on the growth of transplantable tumors. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Bakina, M. M. - Study of the combined effect of X rays and chemotherapeutic agents on transplanted tumors in animals. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Chadina, A. P. - Cytogenetic study of the radioresistance of activated lymphocytes of the blood in healthy persons and in patients with the Down's syndrome. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Danilov, S. B. - Fractional state of the respiratory nervous system in dogs under normal conditions and in radiation sickness. *Spor. nauch. rab. KIMF*, 2: 23-34 '67.
- Dobson, G., and others. - Limits of human tolerance to infrared local irradiation. *Kosm. issl.*, 5 no. 5:797-798 N-D '68.
- Dobson, G., and others. - Diseases of the eyes caused by ultraviolet rays. *Spor. nauch. rab. KIMF*, 2: 23-34 '67.
- Kalashov, M. L. - Some aspects of acquired increased radioresistance of tumors. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kalashov, M. L., Gerdanov, G. P. - Morphological characteristics of the C-45 tumor irradiated under conditions of local hypoxia. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Galina, Z. A. - Radioresistance of irradiated animals. *Spor. nauch. rab. KIMF*, 2: 23-34 '67.
- Gerasimov, I. S., Tereshchenko, M. A. - Functional state of the nervous system in children at late periods following effect of radiation (epileptic gamma therapy of this brain tumor). *Zhur. nevrol. i psikh.*, 68 no. 14: 1479-1483 '68.
- Gorbunov, V. M., Brykun, A. I. - Consolidation of fractures in radiation sickness. *Klin. khir.*, no. 1:43-47 Jan '68.
- Gerdanov, G. P., Bakina, M. M. - Irradiation of transplantable tumors of sarcoma-45 and R154 lymphosarcoma under local hypoxia. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Gorbunov, V. M. - Some criteria of the radioresistance of the cell population in connection with the mechanism of radiation lesion of the cell. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Lapshinskaya, A. P. - Dynamics of the radiation resistance of the body following repeated irradiations, and radiation treatment of tumors. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kalashov, M. L. - Radioresistance of tumors from the P and K vitamin groups. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kalashov, M. L., Akhmedov, L. G. - Effects in radio-sensitization of a tumor by means of ascorbic acid. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Karavaeva, L. G., and others. - Mass spectrometric study of the products of thermal decomposition of γ -irradiated acrylonitrile. *Khim. vys. energ.*, 2 no. 6:482-489 N-D '68.
- Kuchukov, V. E., Bakina, M. M. - Selection of the optimal time for a repeated irradiation of tumors. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kuchukov, V. E. - Radioresistance of the bone marrow in mice. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kalashov, M. L. - Quantitative cytochemical analysis of DNA synthesis in a radiation-resistant culture of HeLa's ascitic tumor. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.
- Kuchukov, V. E., Kondratyev, V. G., Kuzina, A. M. - Comparative study of the effect of gamma rays and radiotherapy on the metabolism and protein metabolism in the cells of HeLa's ascitic carcinoma. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.*, 4:127-128 '67.

- elbok, Y. S. - Model of radiation-resistant tumor developed on mice *in vivo*. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:160-73 '87.
- Isaeva, R. P. - Epitaxial effect of the evaluation of one radioresistivity. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:168-171 '87.
- Khasey, P. A., and others. - Quantitative and qualitative distribution of bone marrow in adult dogs. *Kosm. biol. med.* 2 no. 3:51-55 Mr-Apr '88.
- Uta, A. M. - Structural and metabolic approaches to the understanding of the radioresistivity of tissues. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:13-7 '87.
- Shamshirova, E. I. - Model for studying the effect of acute and chronic irradiation on cells cultivated outside of the body. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:13-14 '87.
- Shafina, R. Kh. - Attempts to evaluate radioresistivity of tissues depending on different irradiation rhythms in connection with changes in the excretion of β -amino-sobutyric acid. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:118-124 '87.
- Seifina, R. Kh. - State of serum proteins in large tumor fractionation. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:108-109 '87.
- Arabayev, B. M., Kablev, O. K. - Study of the radioresistivity properties of leucanthocyanidine and osteoblasts. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:132-141 '87.
- Agashev, M. U., Mifinov, M. L. - Acquired *in vitro* radiation-resistance of tumors. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:77-83 '87.
- Seifina, I. G., and others. - Study of the injurious effect of periodic gamma irradiations. *Voen.-med. zhurn.* no. 11:40-61 N '88.
- Shina, V. B. - Changes in the phosphor metabolism in some fractions of the rabbit brain under the effect of ionizing irradiation. *Sov. zhurn. rad. fiz.* 4:34-37 '87.
- Shirai, E. P., and others. - Effect of oxygen saturation on the respiration and oxidative phosphorylation of liver mitochondria in irradiated animals. *Biul. eksp. biol. i med.* 55 no. 10:41-44 O '88.
- Apfiro, I. M., Shumakova, M. L., Izmashenko, S. P. - Cytological aspects of lesions of the hemopoietic organs following acute irradiation. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:10-31 '87.
- Khodro, M. M. - Results of an examination of the organ of vision in persons working with ionizing radiation. *Sov. zhurn. rad. fiz.* 4:34-37 '87.
- Shafina, R. Kh. - Radiolysis of the hemopoietic system on blood loss at a late period following recovery from acute radiation sickness. *Biul. eksp. biol. i med.* 55 no. 10:31-33 O '88.
- Shina, V. B., Bartova-Ty, G. G., Bolotov, A. V. - Radiation annealing of "primary" γ -defects in single crystals of di-alumina and triglycine sulfide. *Ukr. fiz. zhurn.* 13 no. 8:298-300 Je '88.
- Iskova, A. III. - Method of radiation treatment of epiglottitis of the larynx and mucous membranes. *Gin. zhurn.* no. 1:33-35 Je '84.
- Shafina, R. Kh. - Radiocatalytic capacity of gastric tissues in acute radiation sickness. *Biul. eksp. biol. i med.* 55 no. 10:84-84 O '88.
- Seifina, M. V. - Homographs in plastic repair for a penetrating defect of the gastric wall with compound radiation injuries under experimental conditions. *Gin. zhurn.* no. 3:64-68 F '83.
- Isaeva, R. P. - Level of protein synthesis groups in the C-37 tumor under the effect of viscous and X-irradiation. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:144-150 '87.
- Isaeva, R. P., Isaeva, L. S., Mironenko, M. I. - State of the protein spectrum of the C-37 tumor under the effect of viscous and X-irradiation. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:141-150 '87.
- Ugurbayev, A. - Effect of X-rays on the lymph circulation in damaged lymph nodes. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:107-114 '87.
- Orlov, M. I., and others. - Radiation hazards of prolonged space flights, and radiobiological studies. *Kosm. biol. i med.* 2 no. 3:3-6 Mr-Apr '88.
- Isaeva, R. P., Seifina, L. V. - Some substantiations in the elaboration of the radioresistivity problem. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:18-21 '87.

88.107 Apparatus, instruments for nuclear, atomic, molecular research

- Isaeva, R. P., Lanskil, L. A. - Improvement of the pickup unit of a liquid-scintillation radiometer with a flow counter. *Dokl. Akad. Nauk Kazakh. SSR* no. 134:337-344 '87.
- Orlov, S. P., and others. - Apparatus for measuring the total energy and intensity of accelerated particles beams and γ -quanta. *Atom. energ.* 23 no. 6:447-449 M '88.
- Matveyev, V. V., Kherno, V. B. - Regular meeting of the technical committee TC-48 of the International Electrotechnical Commission. *Atom. energ.* 23 no. 6:448-447 M '88.

88.112 Elementary and simple particles

- Isaeva, R. P., Samoylov, L. M. - Production of P -mesons in $\pi\pi$ -collisions and the hypothesis of P -meson coupling with the converted current. *IAD. fis.* 8 no. 6:232-237 D '88.
- Amosov, M. I., and others. - Phenomenological analysis of photoproduction of charged pions on nucleons in the near-threshold energy region. *IAD. fis.* 8 no. 6:116-120 D '88.
- Isaeva, R. P. - Mesons as "intercalary" components of elementary particles. *Dokl. AN BSSR* 13 no. 3:213-218 Mr. '88.
- Isaeva, R. P., Khasey, P. A. - Effects of particle scattering inside polarized electron beams in storage devices. *Atom. energ.* 23 no. 6:440-443 M '88.

- Baldashin, G. G., Gurishin, G. M. - Theory of the secondary electron emission monitors. *Izv. AN Arm. SSR. Fis.* 3 no. 6:416-423 '87.
- Berezinski, I. U. A., Rylov, M. V. - Effect of the internal structure of a detector on the inelastic diffraction scattering. *IAD. fis.* 8 no. 6:111-115 D '88.
- Blukhin, M. A., Volkov, V. F. - X-ray L_{α} and L_{β} emission bands and the structure of the β -band of copper. *Dokl. AN BSSR* 133 no. 1:64-68 '88.
- Bobryshova, A. I. - Derivation of the Hamiltonian for the interaction. *Izv. AN Mold. SSR.* no. 11:3-10 '83.
- Dobovik, M. S., Marodetskii, I. M. - Interference phenomena in decays $X \rightarrow \gamma p$ and determination of quantum numbers of the A_2 -meson. *IAD. fis.* 8 no. 6:133-134 D '88.
- Dobryshina, V. A. - Isotopic relations for photoproduction processes. *Izv. AN Arm. SSR. Fis.* 3 no. 6:440-443 '87.
- Glasberg, S. L. - Scattering of conduction electrons on paramagnetic impurities. *Zhur. eksp. i teor. fis.* 54 no. 6:1468-1482 My '88.
- Orlov, G. V., Lebedeva, M. S., Morozov, V. M. - Small angle elastic scattering of 4 Mev. neutrons by the nuclei Ca, Zn, Sn, Pb, Bi, and U. *IAD. fis.* 8 no. 6:1098-1098 D '88.
- Orlov, G. V., Mifinov, M. L. - Quasistable Pomeron-like pole and the diffraction scattering at high energies. *IAD. fis.* 8 no. 6:113-113 D '88.
- Orlov, G. V. - Elastic photoproduction of π^+ -mesons on He^4 . *IAD. fis.* 8 no. 6:113-113 D '88.
- Isaeva, R. P. - Calculation of the critical current of foreign particles in a Bose system. *Zhur. eksp. i teor. fis.* 54 no. 6:479-483 My '88.
- Kudina, A. I., Kon, L. Z. - Some problems in adiabatic perturbation theory. *Izv. AN Mold. SSR.* no. 11:56-57 '83.
- Livadits, M. A. - Description of weak lepton interaction outside the perturbation theory. *IAD. fis.* 8 no. 6:124-125 D '88.
- Lukashov, A. A., M. V. YAKIF, N. A. - Multilevel description of the energy structure of neutron cross sections. *Atom. energ.* 23 no. 6:34-43 M '88.
- Makarevich, A. I., and others. - Effect of irradiation by fast neutrons on the density of dislocations in silicon. *Dokl. AN BSSR* 133 no. 3:213-218 Mr. '88.
- Oganesyan, K. O. - Production of charged pions in collisions between 600 Mev. neutrons and nuclei of various elements. *Zhur. eksp. i teor. fis.* 54 no. 6:1773-1781 My '88.
- Petrakova, R. - Elastic scattering of electrons on helium atoms. *Zhur. eksp. i teor. fis.* 54 no. 6:1561-1569 My '88.
- Rekalo, M. P. - Fermion Regge poles and relation between cross sections of large angle scattering. *Ukr. fiz. zhurn.* 13 no. 8:243-245 Je '88.
- Shafina, R. Kh. - Lower estimate of the energy of a system of interacting particles within the framework of the Schrödinger equation. *IAD. fis.* 8 no. 6:124-125 D '88.
- Isaeva, R. P., Kononov, N. A. - Energy distribution of π^+ mesons passing through monocrystals. *Atom. energ.* 23 no. 6:430-440 M '88.
- Tsyblov, V. P., Karimov, B. K. - Radiative corrections to neutrino annihilation of the lepton - antilepton pair. *IAD. fis.* 8 no. 6:1171-1173 D '88.
- Isaeva, R. P. - The Debye-Hückel-Pomeronian spectral representation and matrix elements of the equal time current commutators in the perturbation theory. *IAD. fis.* 8 no. 6:113-113 D '88.
- Isaeva, R. P., Lebedeva, M. S. - Study of polyethylene using the excitation-thermal method. *Radiokhimiya* 18 no. 3:68-671 '88.
- Kudina, A. I., Mironenko, M. M. - Stochastic instability of trapped particles and the conditions of applicability of the quasi-linear approximation. *Zhur. eksp. i teor. fis.* 54 no. 6:1560-1568 My '88.

88.124 Electrons (Beta-particles), positrons

- Berezinski, I. U., Khidimirov, G. M. - Nonadiabatic theory of transfer. *Teor. i eksp. khim.* 4 no. 6:719-727 N-D '88.
- Khodro, M. M., Paril, L. I. - Formation of negative ions in reaction of electrons with molecules of some heterocyclic compounds. *Teor. i eksp. khim.* 4 no. 6:719-727 N-D '88.
- Perita, I. U. M., Gileman, Sh. M. - Calculating the energy spectrum of a bound positron. *Uch. zap. Kazh. un.* 30:38-38 '87.
- Pokulikov, M. P., Kablev, O. K., Rylov, M. M. - Impurity states in a magnetic field. Optical impurity transitions. Ground state of free electrons in a magnetic field. *Uch. zap. Kazh. un.* 30:37-47 '87.

88.14 Model: Screen, models, etc.

- Isaeva, R. P., and others. - Radii of charge and mass distribution in nuclei. *IAD. fis.* 8 no. 6:113-117 D '88.
- Budiljan, A. M. - Electromagnetic form factors of He^4 and He^3 . *IAD. fis.* 8 no. 6:113-114 D '88.
- Band, I. M., and others. - Residual interaction of particles in a nucleus. *IAD. fis.* 8 no. 6:113-117 D '88.
- Orlov, G. V., and others. - Spectroscopic multipliers for β -transitions in the reaction (d, p) on nuclei of various atomic weight. *IAD. fis.* 8 no. 6:111-111 D '88.
- Orlov, G. V., and others. - Spectra of γ -rays originating during the capture of thermal neutrons by He^4 isotopes. *IAD. fis.* 8 no. 6:1067-1068 D '88.
- Isaeva, R. P., Shafina, I. U. M. - Effect of discrete structure of one-particle spectrum on the thermodynamic functions of mesons. *IAD. fis.* 8 no. 6:113-114 D '88.
- Korotkov, O. M. - Collective levels of even-even spherical nuclei. *Ukr. fiz. zhurn.* 13 no. 8:244-244 Je '88.

- Lashin, A. M., Petrova, G. S. - Sulphur-sulfur isomer. *Trudy DUNA* no. 28:277-283 '88.

- Lashin, A. M., Gorokhova, M. I. - Intramolecular hydrogen bond and dipole moments of molecules. *Teor. i eksp. khim.* 4 no. 6:721-723 N-D '88.
- Tolchakov, D. L. - Isobaric spin dependence of the nuclear potential. *IAD. fis.* 8 no. 6:1066-1066 D '88.
- Vashakidze, I. Sh., Khava, A. T. - Use of nonlocal factorizing potential in determining the spectra of nuclei with $A = 18$ in the approximation of partially p-type excitation. *Sov. zhurn. rad. fiz.* 31 no. 1:81-84 JI '88.

88.16 Radioactivity and decay

- Isaeva, R. P., Bogolyubskii, A. F. - Description of isomeric anions adsorbed by anodic oxide film of aluminum during its filling process. *Izv. vuz. radiofiz.* 31 no. 6:1067-1070 '88.
- Berezinski, V. B' - Decay of $A_2 \rightarrow \gamma \gamma$, $\pi \rightarrow \gamma \gamma$ and the current algebra. *IAD. fis.* 8 no. 6:1066-1066 D '88.
- [Catalog of publications received by the World Data Center B1. II Meteorology. XIV Nuclear radiation.] *Kat. publ. mir. izvestia dan. B1. II Meteor. XIV IAD. rad.* no. 9 Ja-Je '83.
- [Catalog of publications received by the World Data Center B1. Meteorology and nuclear radiation.] *Kat. publ. mir. izvestia dan. B1. II Meteor. XIV IAD. rad.* no. 18-18 Ja-D '86.
- Dobovik, M. S., Marodetskii, I. M. - Interference phenomena in decays $X \rightarrow \gamma p$ and determination of quantum numbers of the A_2 -meson. *IAD. fis.* 8 no. 6:133-134 D '88.
- Gambarian, R. G., Dushifchev, I. A., Shtat, A. S. - Neutron activation determination of copper in high-grade products using the gamma-gamma-coincidence method. *Zav. lab.* 34 no. 8:978-978 '88.
- Orlov, G. V., and others. - Evaluation of two modifications of the gamma-electron method. *Tsentr. met.* 41 no. 11:18-21 M '88.
- Kiselev, B. G., Chernikov, V. R. - Study the decay chain $Ta^{180} \rightarrow Ta^{180} \rightarrow Ta^{180}$. *IAD. fis.* 8 no. 6:1067-1067 D '88.
- Kiselev, B. G., Levkovskii, V. M., Kuznetsovskii, I. V. - Decay of isomers Co^{58} . *IAD. fis.* 8 no. 6:1067-1067 D '88.
- Lukashov, V. B. - Measurement of a beaked β -radioactivity by the method of fixed solid angle. *Vest. Kazh. un. Ser. 3: Khim.* 17 no. 4:28-30 JI-Ag '88.
- Baryshev, V. M., Mifinov, M. V., Galikova, L. N. - Effect of ionizing radiation of wood and its components. *Izv. AN Latv. SSR. Ser. khim.* no. 4:141-147 '88.
- Vilgashin, V. D., Enefshov, V. V. - Concentration of SO_2 in the atmosphere. *Atom. energ.* 23 no. 6:441-445 M '88.

88.17 Nuclear reactions

- Apollonova, A. M., Kiselev, L. V., Ushakov, V. M. - Determination of particular yields of isotopes with $A=18$ in the fusion of uranium by 14 Mev neutrons. *Radiokhimiya* 4 no. 6:677-678 '88.
- Dobryshina, I. U. A., Rylov, M. V. - Effect of the internal structure of a detector on the inelastic diffraction scattering. *IAD. fis.* 8 no. 6:111-113 D '88.
- Dobovik, M. S., and others. - Cross section of gamma-ray absorption by sulfur nuclei in the region of giant dipole resonances. *IAD. fis.* 8 no. 6:1066-1066 D '88.
- Dushifchev, I. A., and others. - Decay of Ta^{180} . *Radiokhimiya* 4 no. 6:677-678 '88.
- Orlov, G. V., Lebedeva, M. S., Morozov, V. M. - Small angle elastic scattering of 4 Mev. neutrons by the nuclei Ca, Zn, Sn, Pb, Bi, and U. *IAD. fis.* 8 no. 6:1098-1098 D '88.
- Orlov, G. V., and others. - Spectroscopic multipliers for β -transitions in the reaction (d, p) on nuclei of various atomic weight. *IAD. fis.* 8 no. 6:111-111 D '88.
- Orlov, G. V. - Elastic photoproduction of π^+ -mesons on He^4 . *IAD. fis.* 8 no. 6:113-113 D '88.
- Korotkov, O. M., Konstantinov, B. D. - Consideration of exchange interaction of inelastic neutron scattering by even-even nuclei. *Ukr. fiz. zhurn.* 13 no. 8:243-244 Je '88.
- Lashin, A. M., Miron, A. N., Tsvetov, A. I. - Mass spectrometric determination of relative sections of reactions of $133 Cs$ (p, n) $133^m Xe$. *Radiokhimiya* 10 no. 2:268-268 '88.
- Livadits, M. A. - Use of the perturbation theory for description of tensor spin-orbital interaction in an optical model. *Ukr. fiz. zhurn.* 13 no. 8:243-244 Je '88.
- Masyrov, F. - Mean cross sections of the reaction (n, α) , (n, p) , (n, α) according to neutron fission spectra. *Atom. energ.* 23 no. 6:437-438 M '88.
- Makarevich, A. I., Mifinov, M. S. - Interaction of bromine-82 recoil atoms with acetic acid. Preparation of Br^{82} -labeled CH_3Br and $CH_3BrCOOH$. *Radiokhimiya* 4 no. 6:673-678 '88.
- Makarevich, A. I., and others. - Using α -radiation for the determination of some elements in solutions and in solid phase of a suspension. *Radiokhimiya* 4 no. 6:671-671 '88.
- Isaeva, R. P., Mironenko, M. M., Dushifchev, I. A. - Reactions of tritium recoil atoms with benzoic acid and lithium benzoate. *Radiokhimiya* 4 no. 6:671-671 '88.
- Shafina, R. P., Isaeva, M. V. - Diffraction theory of stripping reactions. *IAD. fis.* 8 no. 6:113-113 D '88.
- Tolchakov, D. L. - Isobaric spin dependence of the nuclear potential. *IAD. fis.* 8 no. 6:1066-1066 D '88.
- Tsvetov, A. I. - Polarization effects at the plastic Nd-scattering in the Glauber approximation. *IAD. fis.* 8 no. 6:117-117 D '88.
- Kudina, A. I., Mironenko, M. M. - Stochastic instability of trapped particles and the conditions of applicability of the quasi-linear approximation. *Zhur. eksp. i teor. fis.* 54 no. 6:1560-1568 My '88.

88.18 Physics of single atoms

- Dobovik, M. S., Marodetskii, I. M. - Investigation of the K -absorption edge of zinc in zinc-aluminum alloys. *Ukr. fiz. zhurn.* 13 no. 8:247-248 Je '88.

530.18 (Continued)

107000, R. - Elastic scattering of electrons on helium atoms. *Zhar. eksp. i teor. fiz.* 34 no. 5:1981-1989 May '67.

530.19 Physics of single molecules

- Aleksandrovskaya, A. M., Vlasovskaya, V. N., Godev, I. V. - Applicability of the method of "progressing" to octahedral KBrO₃ molecules. *Opt. i spekt.* 1967 no. 3:64-70 '67.
- Aleksandrov, V. T., and others. - Vibrational spectra of thiophene, selenophene and their dithienyl derivatives. Part 2. Plane vibrations of thiophene and its dithienyl derivatives. *Opt. i spekt.* 1967 no. 3:115-118 '67.
- Aleksandrov, V. T., and others. - Vibrational spectra of thiophene, selenophene and their dithienyl derivatives. Part 3. Plane vibrations of selenophene and its dithienyl derivatives. *Opt. i spekt.* 1967 no. 3:118-125 '67.
- Belov, S. N., F. G. Oboznenov, V. D. - Rotational and vibrational relaxation of molecular ions by electrons. *Zhar. eksp. i teor. fiz.* 34 no. 5:1439-1444 May '67.
- Bokilina, E. M., Sverdlov, L. M. - Calculation and interpretation of the vibrational spectra of sulfur-containing compounds. Part II. Thiophene and its dithienyl derivatives. *Opt. i spekt.* 1967 no. 3:150-154 '67.
- Borisov, M. G., Sverdlov, L. M. - Vibrational spectra of substituted hydrocarbons. Part 10. Calculation of vibrational intensities of infrared bands of trans- and cis-butene-2. *Opt. i spekt.* 1967 no. 3:145-149 '67.
- Fel'd, M. O., Orlov, S. D. - Correlation of infrared absorption bands and the rotational motion of molecules in liquids. Solutions CH₄ and CD₄ in liquid oxygen and nitrogen. *Opt. i spekt.* 1967 no. 3:231-237 '67.
- Malina, M. O., Todorov, M. V. - Vibrational spectra of molecules with the van der Waals bond. *Opt. i spekt.* 1967 no. 3:237-243 '67.
- Dagis, R. S., Levinson, L. B. - Group-theoretical properties of the adiabatic potential in molecules. *Opt. i spekt.* 1967 no. 3:3-8 '67.
- Vickel, A. G. - Experimental and theoretical study of absolute intensities in the infrared spectra of gaseous hydrocarbons. Part I. α -olefins 1-pentene and 1-hexene. *Opt. i spekt.* 1967 no. 3:253-257 '67.
- Finkel, A. G., Sverdlov, L. M. - New rules for the calculation of infrared bands, frequencies and frequency squares of vibrations of paraffin hydrocarbon systems. *Opt. i spekt.* 1967 no. 3:264-271 '67.
- Gastov, R. G. - Vibrational spectra of chloro-substituted hydrocarbons. Part 3. Calculation of normal vibrations of some diatomic chloro-substitutes. *Opt. i spekt.* 1967 no. 3:275-281 '67.
- Gastov, R. G., Malina, L. B. - Vibrational spectra of chloro-substituted hydrocarbons. Part I. Calculation of normal vibrations of propene chloro-substitutes. *Opt. i spekt.* 1967 no. 3:27-31 '67.
- Gordon, F. B., Ponomarev, S. M., Tal'roza, V. L. - Application of a matrix on atomic hydrogen for studying elementary processes involving H atoms in the gas phase and on the solid surface. Part I. Basis of the method. *Khimiya energ.* 3 no. 5:518-523 May '67.
- Alaiminskii, K. B. - Determination of donor and acceptor characteristics of ligands from spectral data. *Teor. i eksp. khim.* 4 no. 5:728-734 May '67.
- Isanov, L. M., Abdurakhmanov, A. A., Bagatova, R. A. - Microscopic spectrum of CH₃COOH and CH₃COO molecules. *Opt. i spekt.* 1967 no. 3:277-280 '67.
- Kubo, G. I., Andreevskii, D. M., Karsenev, S. I. A. - Comparison of thermodynamic functions of alkane-halides with asymmetrical rotators. *Teor. i eksp. khim.* 4 no. 5:543-547 May '67.
- Kapshali, V. M. - Additional conditions in space molecules with cyclic elements. *Opt. i spekt.* 1967 no. 3:283-284 '67.
- Kharachko, N. P. - Infrared absorption of dihalogeno-substitutes of methane in the region of δ vibrations. *Opt. i spekt.* 1967 no. 3:279-284 '67.
- Khorramyich, N. R., Borisevich, N. A. - Intensity of infrared absorption bands of NH₂ and CO-groups of some aromatic compounds. *Opt. i spekt.* 1967 no. 3:282-283 '67.
- Khorramyich, N. R., Sverdlov, L. M., Dushkov, A. F. - Tetra-, mono-, and decamethylbenzene-pyridylidene complexes. Distribution of π -electron density and relative curvature-like activity. *Dokl. AN SSSR* 167 no. 11:134-136 '67.
- Koplov, G. S., and others. - Calculation of the vibrations of 3,4-bisubstituted-1,2. *Opt. i spekt.* 1967 no. 3:284-287 '67.
- Kozlov, S. A., Shchepetilnikov, I. P. - Deformation vibrations of CO₂ and the isotopic effect of the association energy of N- and D-hydroperoxides of isopropylbenzene and tertiary butyl. *Opt. i spekt.* 1967 no. 3:287-289 '67.
- Kukina, V. R., Kras, S. M., Sverdlov, L. M. - Theoretical and experimental study of the absolute intensities and depolarization lines in Raman scattering spectra of polyatomic molecules. Part II. Tetrahydrofuran. *Opt. i spekt.* 1967 no. 3:294-298 '67.
- Kurik, G. A., Bogdanov, A. V. - Infrared absorption bands of the stretching and deformation vibrations of C-H bond in solutions of acetylene hydrocarbons. *Opt. i spekt.* 1967 no. 3:299-300 '67.
- Lavia, A. A., Sytkin, I. A. K., Malina, L. B. - Chemical bond in crystals with the structure of antiferroite and valence possibilities of negative ions. *Zhar. eksp. i teor. fiz.* 34 no. 5:1478-1479 May '67.
- Lavia, A. A., Sytkin, I. A. K., Malina, L. B. - Semi-empirical selection of parameters in a description of a structure of valence bond of group IV elements by the method of equivalent orbitals. *Zhar. eksp. i teor. fiz.* 34 no. 5:1479-1480 May '67.
- Latshil, A. K., Shchepetilnikov, I. P. - Intramolecular interaction involving π -electrons. *Opt. i spekt.* 1967 no. 3:299-300 '67.
- Malina, L. B., Averinskii, R. S. - New method for calculating the intensity in vibrational spectra of molecules. *Opt. i spekt.* 1967 no. 3:304-305 '67.

- Malinskii, A. A. - Applying the statistical theory to the evaluation of change of chemical bond at the surface area of ionic crystal. Part 3: Relaxation (surface distortions) in the area of edge and rib. *Zhar. eksp. i teor. fiz.* 34 no. 5:1474-1475 May '67.
- Meister, T. G. - Determining the frequency of a pure electron transition in the spectra of nonfluorescent molecules and complex molecules of the second group. Part I: Methods. *Opt. i spekt.* 1967 no. 3:3-13 '67.
- Meister, T. G., Baranova, G. I. - Determining the frequency of a pure electron transition in the spectra of nonfluorescent molecules and complex molecules of the second group. Part 2: Results obtained by various methods. *Opt. i spekt.* 1967 no. 3:13-17 '67.
- Mikhlin, E. K. - Quantum effects in "electronic harpicking" reactions. *Teor. i eksp. khim.* 4 no. 5:730-737 May '67.
- Parshin, M. V., Borkin, S. B. - Some characteristics of Raman scattering spectra of adsorbed molecules. *Opt. i spekt.* 1967 no. 3:285-287 '67.
- Ponomarev, I. U., Kozlov, S. M. - Calculation of the vibrational spectra of compounds of the fourth-group elements of the X₂Y₂ type. *Opt. i spekt.* 1967 no. 3:155-161 '67.
- Ponomarev, I. U., Orlov, V. A. - Potential functions of germane hydrohalides. *Opt. i spekt.* 1967 no. 3:288-289 '67.
- Prima, A. M. - Vibrational spectra and potential energy constants of pyrolysis and its dithienyl derivatives. Part I: Plane vibrations. *Opt. i spekt.* 1967 no. 3:27-31 '67.
- Prima, A. M., Kozlovskaya, A. T. - Calculation and interpretation of the vibrational spectra of cyclic organosulfonic compounds. Part I: Benzothienyl cyclohexanones. *Opt. i spekt.* 1967 no. 3:283-284 '67.
- Shchepetilnikov, I. P., Belokobylskaya, L. P. - Determination of the configuration of hydrogen-bonded complexes in a gaseous phase by rotational-vibrational absorption spectra. *Opt. i spekt.* 1967 no. 3:294-297 '67.
- Shchepetilnikov, I. P. - Concerning the theory of observed spontaneous emission. *Zhar. eksp. i teor. fiz.* 34 no. 5:1463-1468 May '67.
- Shchepetilnikov, I. P., Tikhonov, L. I. - Electronic spectra of 4,6,8-trimethyl oxalene molecules. *Opt. i spekt.* 1967 no. 3:32-33 '67.
- Tarasov, M. V., Sverdlov, L. M. - Vibrational spectra of substituted hydrocarbons. Part 10: Calculation and interpretation of vibrational spectra of trans- and cis-piperene. *Opt. i spekt.* 1967 no. 3:240-248 '67.
- Timashov, S. P., Kozlovskii, V. A., Vlasov, P. A. - Thermal decomposition of diatomic molecules. *Teor. i eksp. khim.* 4 no. 5:738-743 May '67.
- Titor, M. V., and others. - Study of the connection between some parameters of infrared spectra and characteristics of reactivity of carboxylic acid hydroxides. *Teor. i eksp. khim.* 4 no. 5:743-750 May '67.
- Ylman, A. I., Morozov, V. P. - Use of known variables in the theory of molecular vibrations. *Opt. i spekt.* 1967 no. 3:90-103 '67.
- Kalechinskii, G. A., Borisov, S. A. - Effect of temperature on the absorption of vapors of benzene monosubstitutes in the region of C-H stretching vibrations. *Opt. i spekt.* 1967 no. 3:116-118 '67.

530.3 Properties and structure of molecules and macromolecular systems

- Antipin, V. V., Morozov, I. U., Chernov, V. A. - X-ray diffraction study of substituted oxime samples synthesized by boron fluorides. *Vest. Mosk. un. Ser. 3: Khim.* 17 no. 4:27-33 May '67.
- Belokobylskaya, L. P., Shchepetilnikov, I. P. - Infrared absorption spectra in the far region and the structure of vibration bands of hydrogen halides in hydrogen-bonded complexes. *Opt. i spekt.* 1967 no. 3:286-287 '67.
- Belov, S. N., Kozlovskii, M. B. - X-ray diffraction studies of the composition of solution hydrohalide-salts. *Dokl. AN SSSR* 167 no. 11:137-138 May '67.
- Brown, K. V. - Integral intensities of stretching C-H vibrations of hydrocarbons in gases and solutions. *Opt. i spekt.* 1967 no. 3:287-288 '67.
- Dakimov, V. M. - Determining the coefficients of porosity, oil and gas saturation, and permeability of clay granular reservoirs in calculations of oil and gas reserves. *Geol. nedr. i gaza* 13 no. 11:84-88 May '67.
- Dobryagina, L. K., and others. - Structural and mechanical properties of polyamide films. *Raport No. 4. Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:48-55 '67.
- Isakova, E. M., Shchepetilnikov, I. P., Karsenev, G. M. - Electron microscopical study of films produced as a result of the effect of an electron beam on monomers. *Izv. AN SSSR, Ser. fiz.* 23 no. 5:1071-1074 May '67.
- Osadina, G. B. - Use of ultraviolet rays and ethylamine in the selection. *Trudy VNIIP* 10 no. 12:82-83 '67.
- Kozlovskii, M. I., Kozlovskaya, O. Y., Kharina, A. A. - Correlation of the permeability and residual water saturation of productive rocks in the Magdon oil field and their relation to the structure of porous space. *Geol. nedr. i gaza* 13 no. 11:11-14 May '67.
- Maklakovskii, G. A., Kozlov, L. I. - Formation of secondary porosity and permeability in metamorphic dolomitization of limestones in the Kama Valley portion of Perm Province. *Geol. nedr. i gaza* 13 no. 11:26-30 May '67.
- Osadina, G. B. - Ethylene in linear crystals containing "impurity molecules". *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:48-55 '67.
- Ostrikov, M. S., and others. - Shrinkage stresses and strains of commensurate structures of acetyl cellobiose. *Sistem. Acetyl cellobiose - acyl ester of diethylglycol. Koll. khim.* 36 no. 4:852-856 May '67.
- Rogozin, E. A. - Changes in the porosity of argillites in the case of metamorphism. *Geol. nedr. i gaza* 13 no. 11:23-24 May '67.

- Romanov, O. V., Spiridonov, V. P. - Electron diffraction study of vanadium pentachloride molecules in vapors. *Zhar. eksp. i teor. fiz.* 34 no. 5:1482-1483 May '67.
- Romanov, O. V., Alekseev, N. V. - Structure of the molecule of dipropylmethylsilylamine. *Zhar. eksp. i teor. fiz.* 34 no. 5:1484-1485 May '67.
- Safin, Z. S., Yarnopol'skii, R. L. - Some geometric calculations of structural analysis by computer. *Zhar. eksp. i teor. fiz.* 34 no. 5:1482-1484 May '67.
- Shail'ev, V. M. - Comprehensive use of existing methods for evaluating the volume of fractured reservoirs as exemplified by the Upper Cretaceous oil pool of the Mangysh-Kumysk field (Chirchik-Ingush A.S.S.R.). *Neftegaz. geol. i geofiz.* no. 10:13-18 '67.
- Vdovenko, V. M., Garkov, I. U., Lavin, E. K. - Thermodynamics of the two-structural model of water. Part I: Structure of heavy water. *Zhar. eksp. i teor. fiz.* 34 no. 5:1476-1477 May '67.
- Vilkov, L. V., and others. - Electron diffraction study of monochloroacetic acid. *Zhar. eksp. i teor. fiz.* 34 no. 5:1483-1485 May '67.

530.33 Deposition of thin films

- Kaganovich, E. N., Kozlov, V. P., Sviridov, I. V. - Single crystal layers of cadmium sulfide. *Dokl. AN SSSR* 167 no. 11:204-206 May '67.
- Kravtsov, R. L., Lorkhan, M. P., Trofimovskii, E. K. - Stable Al₂O₃ thin films. *Izv. AN Arm. SSR, Fiz. i mat. nauk* 1967 no. 3:443-448 '67.
- Rybnik, V. I., Borovskii, I. B. - Determination of the thickness and composition of thin layers by means of scattered electrons and characteristic X-ray radiation. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Khar'ykov, N. P., Kozlov, V. V. - Effect of a Cu layer on the magnetic properties of NiFeCo films. *Dokl. AN SSSR* 167 no. 11:207-208 May '67.

530.3 Mechanical properties of solids. Elasticity. Plasticity

- Alekseev, M. K. - Stressed state of plates weakened by a hole in the case of large displacements. *Pril. mekh.* 4 no. 5:108-115 '67.
- Andreev, L. V., Chodan, R. I. - Stability of cylindrical shells of variable thickness. *Pril. mekh.* 4 no. 5:8-15 '67.
- Bibenko, A. B., Vokodachko, T. T. - Determination of nickel microalloys in fine ferromagnetic films. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:47-51 '67.
- Dalya, M. K., Kozlovskii, V. V. - Determination of residual stresses in natural composites. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Baranov, V. A. - Calculating the deformation of elastically closed cylindrical shells. *Pril. mekh.* 4 no. 5:17-21 '67.
- Dalik, D. I. A. - Flexure of a hollow circular cylinder. *Pril. mekh.* 4 no. 5:120-122 '67.
- Chernyshenko, L. B. - Nonlinear problems for a spherical shell with a reinforced hole. *Pril. mekh.* 4 no. 5:11-14 '67.
- Dekhter', L. I. - Determination of residual stresses in bimetallic discs by means of boring. *Trudy Khim. tekhn. inst.* 54:43-47 '67.
- Dekhter', L. I., Andreevskii, V. K., Kozlovskii, M. V. - Determination of residual stresses in bimetallic cones. *Trudy Khim. tekhn. inst.* 54:53-58 '67.
- Frankovskii, L. M., Vokodachko, T. T. - Characteristics of temperature Young's modulus and the root-mean-square displacement of atoms in lattices of diamond, silicon, and germanium. *Dokl. AN SSSR, Ser. A* 20 no. 12:103-105 May '67.
- Gavril, A. P., Shchepetilnikov, I. P. - Stress distribution in a spherically deformed cylindrical shell with a hole. *Pril. mekh.* 4 no. 5:124-128 '67.
- Gavril, A. P. - Concentration of stresses near an elliptical hole in a glass-reinforced plastic plate with allowance for the time factor. *Pril. mekh.* 4 no. 5:116-121 '67.
- Hoppe, I. A., Starodubov, B. D., Tikhonov, I. P. - Problem of the three-dimensional form of two interlayers in a film. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Isanov, G. P. - Device for precise measurements of the Poisson ratio. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Kolman, I. I. - Major elastic deformations due to cylindrical stresses of rectangular plates. *Pril. mekh.* 4 no. 5:101-104 '67.
- Kolman, G. B. - Representing stress function for an inhomogeneous strip in the form of polynomials. *Trudy Khim. tekhn. inst.* no. 7:18-20 '67.
- Kortel, A. A., N'lon, A. M. - Natural vibrations of a cylindrical panel fastened to an elastic base. *Pril. mekh.* 4 no. 5:82-83 '67.
- Kozlovskii, A. D., Kozlovskii, V. I. - Heat generation in viscoelastic bodies made from materials with resonance dispersion. *Dokl. AN SSSR, Ser. A* 20 no. 12:106-108 May '67.
- Kozlovskii, A. D. - Stressed state of a spherical shell with a slanted cylindrical hole. *Pril. mekh.* 4 no. 5:11-14 '67.
- Machnev, A. M. - Separating shape change and shape change effects in the theory of elastic heredity. *Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Matsukita, V. F. - Method for solving problems concerning the stability and oscillation of elastic systems with variable parameters. *Pril. mekh.* 4 no. 5:105-106 '67.
- Moskvin, N. I. A. - Factors affecting the stretchability of single-laminate Jacquard socks made from elastic yarns. *Raport No. 1. Izv. vuz. tekhn. sav. i tekhn. lag. prom.* no. 3:40-45 '67.
- Pirogov, L. M., Shchepetilnikov, I. P. - Flexure of a three-layered cylindrical shell of variable thickness. *Pril. mekh.* 4 no. 5:84-85 '67.

- Podolskii, I. M. - Stressed state of an unbounded medium with elastic, ellipsoidal inclusion. *Prkl. mekh.* 4 no. 5:25-27 '68.
- Rozema, K. Iul'eva, F., Shchiba, A. M. - Strain characteristics of laminated materials. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:108-113 '67.
- Savin, G. M., Grilikhs, D. V. - Contact problem of thermoelasticity for an anisotropic half-plane. *Prkl. mekh.* 4 no. 5:1-10 '68.
- Savin, G. M., Prusov, I. O. - Solution of the fundamental boundary value problems in elasticity theory for an anisotropic half-plane and an anisotropic plane with cuts. *Dokl. AN URSSR Ser. A* 30 no. 11:1034-1035 '68.
- Shchiba, A. M., Labodetskii, K. L. - Dependence of mechanical properties of the weld-affected zone of structural steels on the thermal cycle of welding. *Svar. protsv.* no. 11:5-7 '68.
- Shchiba, A. M. - Failure of thin plates with ribs of variable rigidity. *Dokl. AN URSSR Ser. A* 30 no. 11:1038-1041 '68.
- Shchiba, A. M., Bulava, F. - Strength of elastoplastic laminar materials as dependent on time. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:108-109 '67.
- Shchiba, A. M. - Calculation of the failure of a shallow shell under a specified law of distribution of a normal load. *Prkl. mekh.* 4 no. 5:13-17 '68.
- Sukhikh, L. L. - Elastoplastic torsion of a rod with a longitudinal groove. *Prkl. mekh.* 4 no. 5:133-138 '68.
- Stambay, O. L. - Experimental study of the elastic quasi-static effect. *Zhur. eksp. i teor. fiz.* 54 no. 5:1323-1330 '68.
- Tenants, D. V. - Effect of some electrolysis conditions on the distribution of residual stresses along the thickness of an electrolytic iron precipitate. *Trudy Khim. sel'sk. khoz.* 4:163-66 '68.
- Trala, M., Babitskii, P., Morozov, Z. - Rheological model for the materials with different deformation coefficients of compression and extension. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:103-107 '67.
- Ulliko, A. B. - Stressed state of a hollow sphere under the load of concentrated forces. *Prkl. mekh.* 4 no. 5:38-45 '68.
- Volkov, S. D., and others. - Initial thermomechanical stresses in two-component media. *Dokl. AN URSSR* 183 no. 1:53-55 '68.
- 630.37 Deformation: theory, types, etc.**
- Rozov, B. T., Dod, M. A., Karsaev, V. I. - Thermal misalignment of K-200-150 - TGV-300 turbine-generator unit. *Energo Mashinostroyeniye* 14 no. 6:14-17 '68.
- 630.4 Strength. Resilience.**
- Daksh, O. A., Kiykova, G. I. - Influence of welding conditions on the nonlinearity to stress concentration of welded joints from 18KhND steel. *Svar. protsv.* no. 11:2-4 '68.
- Iaroslavskii, G. I., and others. - Effect of stress on the crack orientation from laser destruction in transparent materials. *Zhur. eksp. i teor. fiz.* 54 no. 5:1337-1340 '68.
- Iskakh, M. V. - Maximum stresses during the transverse strike of the wheel against the rail. *Teor. mekh. i mekh. no. 4:81-81 '67.*
- Kobonov, I. I., and others. - Dislocation mobility in program-hardened lithium fluoride crystals. *Fiz. tsvet. shch.* 18 no. 5:836-841 '68.
- Kalozov, K. N., Karpenev, G. V. - Effect of surface-active agents on the initiation of a primary contact-fatigue crack. *Dokl. AN URSSR* 183 no. 1:80-82 '68.
- Lomonov, R. V. - Autofriction as a method of improving fatigue strength of parts. *Avi. prom.* 34 no. 5:41-43 '68.
- Martov, A. I., Mikhailov, M. V., Reinder, P. A. - Foundation of the criterion of strength of brittle bodies under conditions of nonuniform hydrostatic pressure. *Dokl. AN URSSR* 183 no. 5:119-121 '68.
- Melkova, L. - Calculation of the photo, statically, undrained, and physically nonlinear systems. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:103-107 '67.
- Mironov, G. D., Iokhishvili, M. N. - Methodology and study of the wear resistance of wide bearings surfaced with secondary osmium. *Trudy Tsvet. sel'sk. khoz. inst.* 10: 68-74 '68.
- Mironov, G. D., Iokhishvili, M. N. - Wear resistance of a thin layer of secondary osmium obtained from a vitreous-suspended layer. *Trudy Tsvet. sel'sk. khoz. inst.* 10:75-83 '68.
- Pokhizova, E. M., and others. - Mechanical strengthening of a bimetal-molybdenum catalyst for oxidative ammonolysis of propylene. *Neftokhimiya* 8 no. 5: 600-603 M-D '68.
- Seleznev, I. V., Shvalb, L. L. - Thermoresistors in temperature study of a motor vehicle. *Avi. prom.* 34 no. 5:22-30 '68.
- Shchiba, A. M., Bulava, F. - Static fatigue of anisotropic materials. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:107-117 '67.
- Shchiba, A. M. - Improving fatigue strength of parts by the smoothing-out method. *Avi. prom.* 34 no. 5: 30-33 '68.

630.5 Material properties influencing deformability

- Orlovskiy, A. L., and others. - Resistance to deformation of KhKhTV-MTU, KhKhVSS-MTV and MTG-MTV alloys. *Svar. protsv.* no. 5:26-32 '67.
- Orlovskiy, M. G., Simakovskii, M. P. - Diffusion and tough state of nodular iron. *Izest. po mekh. stroit. mat. i konstr.* no. 1 pt. 1:25-30 '68.

Moskova, I. M., Vilkovskii, I. A. M. - Deformability of a molybdenum with 0.5% titanium alloy during rolling on pipe mills. *Svar. protsv.* no. 5:26-32 '67.

630.6 Intermetallic forms; dissolution phenomena

- Rozov, B. T., Dardin, R. L. - Some conditions for the adhesion of silicon - epoxy coating to steel. *Izv. vuz. soobsh. ser. i stroit. i arkht.* 10 no. 11:120-126 '67.
- Tatarskiy, V. M., Spiridonov, V. P. - Basic regularities in the geometric configuration of polyatomic molecules. *Vest. Mosk. un. Ser. 3: Khim.* 17 no. 4:13-15 Ji-Ag '68.

630.8 Other physicochemical effects

- Podolskii, I. A., S. Omschik, V. A. - Temperature stresses in an infinite stringer-reinforced cylindrical shell. *Prkl. mekh.* 4 no. 5:19-27 '68.

64 CHEMISTRY

- Akhmedov, E. L., Polozinskiy, G. M. - A successful seminar. *Vest. vuz. shkol. i M.* no. 10:43-44 O '68.
- Andreyevskiy, P. I., and others. - Contemporary practical studies in chemistry. *Vest. vuz. shkol. i M.* no. 10:75-84 O '68.
- Dakshova, I. P. - Visual aids and instruction in chemistry. *Vest. vuz. shkol. i M.* no. 10:84-89 O '68.
- Darikh, V. A., Kashaev, V. V. - Methodology for the determination of pH and Eh suspensions of various. *Zap. Vses. nauch. obshch. Ser. 3.* 87 no. 3:278-273 '68.
- [Chemical information] Chemical index of articles in foreign periodicals. *Khim. inform. i stat. st. v inostr. shch.* no. 11:75 '68.
- Obozova, R. A., Kovalev, V. A. - Low-molecular organic acids in water soluble organic substances of plants and human tissues under a stress. *Dokl. AN URSSR* 183 no. 3: 253-260 '68.
- Manov, M. P., Kozlova, M. A. - Atomic-absorption method of determining sodium in chemical reagents. *Trudy MEA no. 18:187-188 '68.*
- Kryukova, P. S., Kamaev, G. Kh. - Izest. Savoyevskikh Mustafin on his 50th birthday. *Izv. vuz. shkol. i M.* no. 10:101-102 '68.
- Meshchakov, P. A. - Chemical technology and the school course in chemistry. *Vest. vuz. shkol. i M.* no. 10:84-88 O '68.
- Tupolev, V. I. - The use of mathematics in chemical studies. *Khim. zap. TGU* no. 70:44-78 '68.
- Zelinskiy, V. G., Gordin, M. V., Sokolov, I. P. - Effect of chemical reagents on the output and physico-chemical properties of pitch coke. *Trud. mekh.* 41 no. 11:4-16 '68.

641 General, theoretical and physical chemistry

- Barysheva, M. M. - Educational work in chemistry classes. *Izest. shch.* 47 no. 11:63-64 '68.
- Iskova, G. V. - Influence of the preparation of laboratory and practical work on the realization of carrying out a chemical experiment by students of the Tkh-Sk grades. *Izv. Vor. gos. ped. inst.* 90:59-64 '67.
- Iskova, G. V. - Use of interesting experimental problems in chemistry lessons. *Izv. Vor. gos. ped. inst.* 90: 55-55 '67.
- Kashchuk, V. L., and others. - Kinetics of carbon, a chain polymer of carbon. *Dokl. AN URSSR* 183 no. 1:109-113 '68.

641.1 Physical chemistry

- Akhmedov, A. A., Melnikov, M. M. - Some features of adsorption energy on the surfaces of liquid phases. *Koll. shch.* 30 no. 4:478-479 Ji-Ag '68.
- Akhmedov, O. S., and others. - Device for automatic processing of chromatograms. *Prilozheniya no. 4: 23-23 '68.*
- Alkhasov, A. M., Shchiba, A. M. - Studies in the field of the chlorination of organic compounds and transformations of chloro derivatives. Part No. 3. Reaction and products of initiated chlorine chlorination and of its chloro derivatives. *Arm. khim. shch.* 19 no. 4:270-274 '68.
- Alkhasov, A. M., Shchiba, A. M., Petrovskiy, V. A. - Studies in the field of organic compounds chlorination and transformation of chloro derivatives. Part No. 4. Dark chlorination of fluorochlorinated organic compounds initiated by peroxyl radicals. *Arm. khim. shch.* 19 no. 4:275-276 '68.
- Akhmedov, E. L., Vladimirov, I. U. A., Olenov, V. I. - Ionization of aromatic amino acids due to ultraviolet radiation. *Opt. i spekt.* shch. st. 3:67-64 '67.
- Alexandrov, I. U. A., Spiridonov, M. M. - Chain initiation reaction in autooxidation of tetraethyllead. *Dokl. AN URSSR* 183 no. 5:119-121 '68.
- Alley, R. H., and others. - Chromatographic study of the kinetics of oxidative dehydrogenation of isopropylene on a bimetal-molybdenum catalyst. *Neftokhimiya* 8 no. 5:264-267 M-D '68.
- Andreeva, L. G. - Mechanism of chromatographic adsorption of organic compounds. *Svar. protsv. i stroit. Tsvet. sel'sk. khoz. inst.* 10:103-104 '68.
- Apel'shteyn, V. M., and others. - Absorption of the high intensity laser radiation in liquids. Nature of active particles initiating styrene polymerization under the effect of laser light beam. *Khim. vuz. shkol. i M.* no. 10:83-83 M-D '68.
- Arkhov, E. M., Kashaev, V. V., Reinder, P. A. - System $HbCl - HbCl_2 - H_2O$ at 0.25, and 1.0°C. *Zhur. neorg. khim.* 13 no. 1:87-88 '68.

Arkhov, E. M. - Determination of heat of formation of a series of compounds by a quantitative thermal analysis. *Zhur. prikl. khim.* 41 no. 4:783-787 '68.

Arkhov, E. M., Trapsnikov, A. A. - Desorption of a surface active agent from a monolayer at the water - air interface by a solvent drop. *Koll. shch.* 30 no. 4: 480-488 Ji-Ag '68.

Daksh, O. G., and others. - Solubility diagram of the quaternary reciprocal system $MnSO_4 \cdot H_2O - K_2SO_4 - NaOH - H_2O$. Part 2. *Arm. khim. shch.* 19 no. 3: 174-183 '68.

Daksh, A. A. - Dependence of plasticity of the clay - water system on the dispersed phase concentration. *Koll. shch.* 30 no. 4:489-489 Ji-Ag '68.

Daksh, A. A., Tikhomirov, V. K. - Interaction of foams with some liquids. *Koll. shch.* 30 no. 4:490-493 Ji-Ag '68.

Iskova, A. A., and others. - Sorption of cations in the conformation of lyophobic soils by electrolyte mixtures. *Koll. shch.* 30 no. 4:494-503 Ji-Ag '68.

Iskova, V. G., (Kashaev, V. A., Trapsnikov, A. A.) - Observation of the direct genetic connection between spherulitic and orientational mesomorphic order. *Dokl. AN URSSR* 183 no. 5:137-140 '68.

Iskova, V. G., Trapsnikov, A. A. - System $(NH_4)_2CO_3 - Na_2CO_3 - H_2O$ at 25°C. *Zhur. neorg. khim.* 13 no. 3:545 '68.

Iskova, V. G., Volkovskiy, I. V. - The system potassium carbonate-dissolved potassium phosphate-water. *Zhur. neorg. khim.* 13 no. 3:567-561 '68.

Iskova, V. G., Trapsnikov, A. A. - Calculating the compressibility factor of gases and mixtures by digital computers. *Teor. i ekspr. fiz.* 3 no. 5:521-530 M-D '68.

Iskova, V. G., Omschik, V. A. - Equilibrium of the reaction of destructive hydrogenation of diphenyl. *Neftokhimiya* 8 no. 5:253-253 M-D '68.

Iskova, V. G., Omschik, V. A. - Method of calculation of optimum profile of temperatures in a one-dimensional reactor. *Izv. vuz. shkol. i M.* no. 10:101-102 '68.

Iskova, V. G., Trapsnikov, A. A. - Volume ratios of units of the system $NaCl - KCl - 1/2 Na_2AlF_6$. *Zhur. prikl. khim.* 41 no. 4:821-825 '68.

Iskova, V. G., and others. - The system $HbCl_2 - H_2O - HbCl - H_2O$ and $HbCl_2 - H_2O - HbCl - H_2O$ at 25°C. *Zhur. neorg. khim.* 13 no. 3:540-544 '68.

Iskova, V. G., Trapsnikov, A. A. - Distribution constants of A-mono-symmetrical and 1,2-dichloroethane in some systems water - organic solvent. *Izv. AN URSSR Ser. Khim.* no. 4:484-488 '68.

Iskova, V. G., Trapsnikov, A. A. - Kinetic parameters of the reaction of $HbCl_2$ with H_2O in H_2O and H_2O and H_2O and H_2O in H_2O . *Izv. AN URSSR Ser. Khim.* no. 4:484-488 '68.

Iskova, V. G., Trapsnikov, A. A. - Study of highly alloyed n-type silicon semiconductors. *Izv. AN URSSR Ser. Khim.* no. 4:484-488 '68.

Dobrokhodov, G. N., Iskova, V. G. - Kinetics of autoclave leaching of chalcopyrite. *Zhur. prikl. khim.* 41 no. 4:821-825 '68.

Iskova, V. G., Trapsnikov, A. A. - Thermal decomposition of bromates of some divalent metals. *Zhur. neorg. khim.* 13 no. 3: 543-550 '68.

Iskova, V. G., Trapsnikov, A. A., Trapsnikov, M. M. - Hydrolysis of hydrogen sulfide. Effect of peroxide addition. *Khim. vuz. shkol. i M.* no. 10:101-102 '68.

Iskova, V. G., Trapsnikov, A. A. - Reaction of hydrolysis of some metal salts. *Trudy Tsvet. sel'sk. khoz. inst.* 10:103-104 '68.

Iskova, V. G., Trapsnikov, A. A. - Production of electrolytic manganese by the method of dissolution of phosphorus formamides. *Teor. i ekspr. fiz.* 3 no. 5:521-530 M-D '68.

Iskova, V. G., Trapsnikov, A. A. - Study of the system $U_3O_8 - UO_2$. *Neftokhimiya* 8 no. 5:253-253 M-D '68.

Iskova, V. G., Trapsnikov, A. A. - Solubility diagram of the system sodium borohydride-sodium. *Zhur. neorg. khim.* 13 no. 3:540-544 '68.

Iskova, V. G., Trapsnikov, A. A., Kashaev, V. V. - Adsorption of anions on gamma-irradiated silica. *Neftokhimiya* 8 no. 5:253-253 M-D '68.

Iskova, V. G., Trapsnikov, A. A. - Adsorption of diethyl malonate from hydrocarbons by natural adsorbents. *Koll. shch.* 30 no. 4:493-494 Ji-Ag '68.

Iskova, V. G., Trapsnikov, A. A. - Effect of temperature on the relation between the rate constants of catalytic hydrogenation of p-aminobenzonitriles and value of volvolchrome effect. *Izv. vuz. shkol. i M.* no. 10:101-102 '68.

Iskova, V. G., Trapsnikov, A. A., Trapsnikov, I. I. - Determination of heat of formation of $HbCl_2$, $HbCl$, and H_2O . *Zhur. neorg. khim.* 13 no. 3:540-544 '68.

Iskova, V. G., Trapsnikov, A. A. - Mutual effect of processes of dissolution and vibratory relaxation behind shock wave front in mixture $H_2 - H_2$. *Teor. i ekspr. fiz.* 3 no. 5:521-530 M-D '68.

Iskova, V. G., Trapsnikov, A. A., Trapsnikov, M. M. - Kinetics of breaking of electrolyte bonds. *Koll. shch.* 30 no. 4:493-494 Ji-Ag '68.

Iskova, V. G., Trapsnikov, A. A. - Ion exchange fibers and fabrics. Part 3. Use of fibers and fabrics having cation and anion exchange properties for sorption of some polyvalent cations and metal-containing anions. *Neftokhimiya* 8 no. 5:253-253 M-D '68.

Iskova, V. G., Trapsnikov, A. A., Kashaev, V. V. - Effect of adsorption conditions on the kinetics of a contact displacement of copper by iron from a sulfate ammonium electrolyte. *Zhur. prikl. khim.* 41 no. 4:821-825 '68.

541.1 (Continued)

- 44

- Yartsevich, M. R. and others. - Current generation mechanism in oxygen electroreduction on semi-immersed platinum electrodes of varying roughness. *Elektrokhimiya* 4 no. 11:1305-1318 M '68.
- Vaiskalis, L., Vaiskalis, A., Matulis, J. - Complex formation of some sulfur containing additions with copper ions in diluted sulfuric acid copper-plating electrolyte. *Trudy AN Lit. SSR, Ser. B* no. 3:37-43 '68.
- Volkov, G. L., Klitas, Z. L. - Polarization during sodium deposition on a mercury cathode. *Elektrokhimiya* 4 no. 11:1347-1351 M '68.
- Zelenkov, V. V. - Magnetism of substituted arylcarboxylates of bivalent copper. *Zhur. neorg. khim.* 13 no. 3:591-593 Y '68.
- Zukalits-Vahilavich, M., and others. - Some regularities of anion decomposition depending on electrolysis conditions. *Trudy AN Lit. SSR, Ser. B* no. 3:30-33 '68.
- 541.14 Photochemistry**
- Degilareva, A. A., and others. - Photocatalytic polymerization of methyl methacrylate from vapor phase on the surface of oxides. *Teor. i eksp. khim.* 4 no. 6:758-759 M-D '68.
- Neuchov, S. B., and others. - Study of photolytic decomposition of diacyl peroxides in solid phase and the kinetics of the destruction of the formed radicals. *Teor. i eksp. khim.* 4 no. 6:759-767 M-D '68.
- Rozol, A. B., Shlyk, A. A., Ventskii, A. I. - Absence of inhibition in the manifestation and accumulation of chlorophyll following brief illumination of etiolated leaves. *Dokl. AN SSSR* 183 no. 1:215-218 '68.
- Spirin, I. D., Iakimovich, T. B. - Determination of the ratio of chain propagation constant to chain termination constant in polymerization of vinyl monomers by flash photolysis of initiator. *Teor. i eksp. khim.* 4 no. 6:749-751 M-D '68.
- 541.15 Radiation chemistry**
- Aizakhov, K. V., Mikhailova, S. V., Tseltin, V. I. - Extraction of redoxactive ruthenium by means of sodium picridimethanesulfonate. *Radiochimia* 4 no. 6:848-849 '68.
- Avalonina, M. N. - Tritium redox chain reactions in the system cyclohexane - benzene. *Radiochimia* 4 no. 6:847-849 '68.
- Dedyrev, V. V., Lytkin, A. A. - Effect of the addition of rare earth elements on the radiolysis of crystalline alkali metal nitrates. *Khim. vys. energ.* 3 no. 6:652-656 M-D '68.
- Malov, M. S., Dobovol, V. P., Kukin, P. P. - Chemical reactions of hot hydrogen atoms with methanol and in the methanol - benzene system. *Khim. vys. energ.* 3 no. 6:501-507 M-D '68.
- Khrushchev, G. V., Larin, I. K., Tol'rova, V. L. - Radiolysis of gases in the electric field. Part I: Effect of electric field on mean concentration of ions in the ionization chamber. *Khim. vys. energ.* 3 no. 6:534-538 M-D '68.
- Khrushchev, A. A. - Radiolysis of mixtures of saturated and aromatic fluorocarbons. *Atom. energ.* 25 no. 6:433-434 M '68.
- Koshchikov, M. K. and others. - Mechanism of radiolysis of aqueous solutions of colloids, maltose, and penicillins. *Khim. vys. energ.* 3 no. 6:548-551 M-D '68.
- Koritskii, A. T., Zakhov, A. V. - Radiation-induced decomposition of peroxides in hydrocarbon media. *Khim. vys. energ.* 3 no. 6:544-548 M-D '68.
- Koritskii, A. T., Zakhov, A. V., Teshin, V. A. - Centers of coloration in irradiated polymers with additions. *Khim. vys. energ.* 3 no. 6:542-545 M-D '68.
- Morozov, V. L., Akhmedov, I. G. - Application of relaxation NMR effects in radiation chemistry (a survey). *Khim. vys. energ.* 3 no. 6:483-486 M-D '68.
- Mashchinskaya, S. and others. - Protective action of propyl sulfate in the radiolysis of aqueous DNA solutions. *Dokl. AN SSSR* 183 no. 1:134-137 '68.
- Mokhomedova, L. M., Shagidatova, O. A. - Radiolysis of triethylamine cobalt(II) complexes. *Khim. vys. energ.* 3 no. 6:578-579 M-D '68.
- Palatin, I. N., and others. - Using α -radiation for the determination of some elements in solutions and in solid phase of a suspension. *Radiochimia* 4 no. 6:841-847 '68.
- Polozkov, V. A., Dobrov, L. V., Liapina, S. A. - Some kinetic regularities of radiation-induced chemical oxidation of tetrahydrofuran. *Khim. vys. energ.* 3 no. 6:539-543 M-D '68.
- Podobny, V. V., Samelashov, A. M., Dranits, B. O. - Reactions of tritium reductants with benzene and lithium benzoate. *Radiochimia* 4 no. 6:818-819 '68.
- Prokhorovskii, B. K., Kalitka, O. S. - On carrying out extraction processes by the chromatographic method. *Radiochimia* 4 no. 6:838-840 '68.
- Tongur, A. M., and others. - Study of decarboxylation acid by the electron microscopy method. Part 2: Change of molecular morphology of decarboxylation acid under the effect of ionizing radiation. *Vysokom. soed.* 4 no. 1:143-144 Ja '68.
- 541.16 Colloid chemistry. Capillary chemistry**
- Belov, V. T., Bogoyavlenskii, A. F. - Desorption of inorganic anions adsorbed by anodic oxide film of aluminum during its filling process. *Izv. vuz. obshch. sav. Khim. i khim. tekhn.* 11 no. 9:1007-1016 '68.
- Figurovskaya, M. N., Kiselev, V. P. - Surface charging effects of a semiconductor during physical adsorption of inert gases. *Dokl. AN SSSR* 183 no. 6:1306-1308 '68.
- Komarov, V. B., Dzhidzhik, I. B. - Effect of the pH of sodium and age of hydrogel obtained by the method of alkali-acid activation of kaolin on the structure formation of adsorbent. *Vestn. AN SSSR, Ser. khim. sav.* no. 3:18-19 '68.
- Kovalevskii, I. M., Pashchenkov, G. M. - Kinetics of water sorption on aluminum-oxide gels. *Vestn. AN SSSR, Ser. khim.* 17 no. 4:118-119 Ji-Ag '68.
- Mikhlin, M. I., Shobegolevskaya, M. A., Sokolov, S. I. - Opticochemical properties of organic dyes and their synthesis by the solidification of polymers in the presence of large amount of plasticizer. *Dokl. AN SSSR* 183 no. 6:1381-1383 '68.
- Roditskii, L. A., and others. - Reactivity of oxygen adsorbed on silver and its connection with the work function of an electron. *Dokl. AN SSSR* 183 no. 6:1384-1389 '68.
- Slepukhovich, A. D., Rafikov, E. A., Dorzhinskii, A. L. - Effect of colloidal platinum on kinetics and mechanism of initial block polymerization of styrene. Part I: *Vysokom. soed.* 4 no. 1:88-90 Ja '68.
- Smelkov, V. K., Shatalova, I. S., Baranishin, M. K. - Use of collagen-containing waste products from leather production for the filling of chromium tanned leather. Report No. 1: Study of the properties of acid dissolution products and alkaline dispersions of collagen. *Izv. vuz. obshch. sav. tekhn. leg. prom.* no. 5:78-83 '68.
- 541.17 Atomic theory**
- Dzudilov, B. G., Shvadevich, A. P. - Reaction of hot hydrogen atoms and excited radicals. Part 3: Photolysis of C_2H_2 mixtures. *Khim. vys. energ.* 3 no. 6:540-541 M-D '68.
- Malov, M. S., Dobovol, V. P., Kukin, P. P. - Chemical reactions of hot hydrogen atoms with methanol and in the methanol - benzene system. *Khim. vys. energ.* 3 no. 6:502-507 M-D '68.
- Olshin, V. G., Kharov, V. I., Baskirov, M. M. - Kinetics of breaking of electrolyte bonds. *Koll. zhur.* 30 no. 4:503-507 Ji-Ag '68.
- Komarov, S. V., Krylov, V. M., Pashchenkov, M. F. - Application of cryoscopy in solution electrolyte for studying polymerization and complexing of hexavalent uranium and aluminum ions in aqueous solutions. *Zhur. neorg. khim.* 13 no. 3:497-471 Y '68.
- Mordukhai, M. A., Maricheva, S. M., Alekperova, M. G. - Study of the solution of polymers in hydrocarbons. *Azerb. khim. zhur.* no. 5:18-20 '68.
- 541.18 Chemical compounds**
- Alaeva, Z., Tsalkaya, Z., Dicoys, G. - Reactivity of α -acetylene ketones. *Trudy AN Lit. SSR, Ser. B* no. 2:66-73 '68.
- Andreev, L. G. - Mathematical calculation of pH of buffer solutions for chromatographic separation of the mixtures of alcohols and organic bases. *Sbor. nauch. tr. TANII* 61:10-106 '68.
- Astashev, L. M., Sobolev, M. S., Milosov, V. F. - Reaction of germination tetrahydrofuran with polystyrene or sodium borohydride. *Zhur. neorg. khim.* 13 no. 3:132-135 Y '68.
- Chernobayevskii, I. M., Iakimovich, A. L., Kal'tsar, A. B. - Sol-concentration effect. *Koll. zhur.* 30 no. 4:508-513 Ji-Ag '68.
- Krasnodar, D. M., and others. - Reaction of rhombic boron with alcohols. *Zhur. neorg. khim.* 13 no. 3:541-550 Y '68.
- Gel'perin, M. I., Krasna, V. D. - Calculation and modeling of chemical reactions for autothermal processes. *Zhur. prikl. khim.* 38 no. 8:1738-1739 Ag '68.
- Gorshak, G. L., Danov, S. M., Shinkova, V. S. - Solubility of hydrogen chloride in the double salt MgAlCl_4 . *Trudy po khim. i khim. tekhn.* no. 3:30-33 '68.
- Kobak, G. G., Mogin, A. A. - Method of weight semi-microanalysis without transferring deposit on filter using glass filtering crucibles. *Uch. zap. Penz. gos. un.* no. 11:118-121 '68.
- Korotchenko, I. M., Chelishcheva, S. F. - Reaction of hexamethylenetetramine with lead salts. *Trudy po khim. i khim. tekhn.* no. 3:18-103 '68.
- Korobov, V. A., Mikhlin, M. I., and others. - Special features of thermal decomposition of hexamethylenetetramine sulfide and hexamethylenetetramine sulfates. *Izv. vuz. obshch. sav. Khim. i khim. tekhn.* 11 no. 9:1023-1026 '68.
- Krikorov, A. I., and others. - Study of co-crystallization of salts in melts. Report No. 3. *Trudy po khim. i khim. tekhn.* no. 3:2-5 '68.
- Krikorov, A. I., Korotchenko, I. A. - Types of phase diagrams and complex formation of salts in melts. *Trudy po khim. i khim. tekhn.* no. 3:13-19 '68.
- Krikorov, A. I., Korotchenko, I. A., Orastov, A. F. - Study of co-crystallization of salts in melts. Report No. 4. *Trudy po khim. i khim. tekhn.* no. 3:7-13 '68.
- Molodtsov, S. M. - Solid phases in the ternary system $\text{MgCrO}_4 - \text{NiCrO}_4 - \text{H}_2\text{O}$. *Trudy po khim. i khim. tekhn.* no. 3:20-26 '68.
- Pavlov, A. M., Ipatova, E. I., Agafonov, I. L. - Preparation of gallium hydride dihydrate. *Trudy po khim. i khim. tekhn.* no. 3:24-32 '68.
- Pavlov, A. M., Ipatova, E. I., Agafonov, I. L. - Synthesis of monochlorides. *Trudy po khim. i khim. tekhn.* no. 3:23-27 '68.
- Raschikh, A. A. - Colorimetric determination of cyanuric chloride in the air. *Trudy po khim. i khim. tekhn.* no. 3:10-12 '68.
- Shimova, G. S., Derzhinskaya, V. A., Rogovish, E. A. - Study of comparative reactivity of primary and secondary hydroxyl groups of amylose in methylation reactions. *Vysokom. soed.* 4 no. 1:80-84 Ja '68.
- Vinogradov, P. A., Odinskaya, P. E., Shkova, A. A. - Effect of the nature of emulsifier on the rate of styrene polymerization and decomposition of peroxides. *Vysokom. soed.* 4 no. 1:104-104 Ja '68.
- Zelenskii, V., Janikova, J., Vainala, S. - Production of Tutton salt from gypsum, magnesium oxide and ammonium hydroxide. *Trudy AN Lit. SSR, Ser. B* no. 3:88-91 '68.
- Zelenskii, V., Janikova, J., Vainala, S. - Solubility in the systems of production of Tutton salt. *Trudy AN Lit. SSR, Ser. B* no. 3:78-83 '68.
- Zemlova, G. M., Rudikova, V. A., Shinkova, A. L. - Quercetin diglycoside from *Quercus coccinea* L. *Khim.-farm. zhur.* 3 no. 12:28-33 D '68.
- Zharovskiy, V. P., Mikhaylov, I. A. - Chemical spectral method for the determination of cobalt in nickel and Mn salts. *Uch. zap. Penz. gos. un.* no. 11:118-117 '68.
- 541.19 Valency. Affinity. Bonds**
- Dashkova, L. M. - Effect of the electronic structure of atoms on the crystallochemical characteristics of elements and compounds. *Khim. zhur.* 3 no. 4:387-389 '67.
- Bastlavskii, M. V. - Inapplicability of the rule of polarity alternation to odd alternant systems. *Zhur. struk. khim.* 7 no. 6:909-918 M-D '68.
- Chirko, J., and others. - Study of 8-norbornenequinoline (thioxene) and its derivatives. Part 3: (Thioxene salts of 8-chloro-8-norbornenequinoline. *Izv. AN Lit. SSR, Ser. khim.* no. 4:408-418 '68.
- Egorova, K. S., and others. - Kinetics of disappearance of free radicals in irradiated polyvinyl chloride. *Vysokom. soed.* 4 no. 1:84-88 Ja '68.
- Gimberg, A. A., Rykova, D. M., Tol'rova, I. K., and others. - Exchange of Ca^{2+} in oxalate complexes of uronum (IV) and uronyl. *Radiochimia* 4 no. 6:811-813 '68.
- Iakimovich, K. B., Volchanskaya, L. L. - Characteristics of the chemical bond in cobaltous aquoammonium complexes based on their absorption spectra. *Teor. i eksp. khim.* 4 no. 6:868-818 M-D '68.
- Kaganov, A. V. - Fermi resonance and the structure of (A - H) bonds in complex with hydrogen bond. Part I: The expected picture. *Opt. i spektrosk.* 13 no. 3:328-331 '67.
- Neuchov, S. B., and others. - Study of photolytic decomposition of diacyl peroxides in solid phase and the kinetics of the destruction of the formed radicals. *Teor. i eksp. khim.* 4 no. 6:758-760 M-D '68.
- Kharitonov, I. I., Samelashov, M. A. - Infrared absorption spectra of the chlorin-hydroxylamine complex vibrations of hydroxylamine coordinated in the form of hydroxylamine. *Zhur. neorg. khim.* 13 no. 3:388-390 Y '68.
- Koritskii, A. T., Zakhov, A. V. - Radiation-induced decomposition of peroxides in hydrocarbon media. *Khim. vys. energ.* 3 no. 6:544-548 M-D '68.
- Koritskii, A. T., Zakhov, A. V., Teshin, V. A. - Centers of coloration in irradiated polyvinyl with additions. *Khim. vys. energ.* 3 no. 6:542-545 M-D '68.
- Kokhlevich, I. I., Beserikhin, V. D., Mikhlin, A. I. - Structure of chlorophyll and its metal derivatives. *Zhur. neorg. khim.* 13 no. 3:454-458 Y '68.
- Loria, A. A. - Structure of energy anion and the nature of chemical bonds in group IV elements. *Dokl. AN SSSR* 183 no. 1:148-149 '68.
- Loria, A. A., Shlyk, I. A., Dzhikha, M. N. - Chemical bond in crystals with the structure of antiferroite and valence possibilities of negative ions. *Zhur. struk. khim.* 7 no. 6:870-873 M-D '68.
- Livinskii, I. M., Dedal, V. A., Iagoslavskii, I. I. - Study of α -type conductivity in a system of phenylhydrazines. *Teor. i eksp. khim.* 4 no. 6:735-741 M-D '68.
- Lutskii, A. N., Chochanova, K. I. - Formation of hydrogen bonds of primary amides. *Opt. i spektrosk.* 13 no. 3:338-341 '67.
- Lutskii, A. N., Gorokhova, M. I. - Intramolecular hydrogen bond and dipole moments of molecules. *Teor. i eksp. khim.* 4 no. 6:831-833 M-D '68.
- May, I. - Orders of silicon bonds. *Izv. AN Lit. SSR, Ser. khim.* no. 4:388-390 '68.
- Medvedev, A. A. - Applying the statistical theory to the evaluation of change of chemical bond at the surface area of ionic crystal. Part 3: Relaxation (surface distortions) in the area of edge and rib. *Zhur. struk. khim.* 7 no. 6:874-881 M-D '68.
- Popov, M. A. - Mechanism of the flexibility of chains of inorganic polymers. *Zhur. struk. khim.* 7 no. 6:810-813 M-D '68.
- Stradyn, I. A. P., and others. - Stability and kinetics of disappearance of anion radicals of the nitrofur series. *Teor. i eksp. khim.* 4 no. 6:774-779 M-D '68.
- Tat'yevskii, V. M., Apollonov, V. D. - Basic regularities in the geometric configuration of polystyrene molecules. *Vestn. Mosk. un. Ser. 2: Khim.* 17 no. 4:12-15 Ji-Ag '68.
- 541.20 Complex compounds**
- Alimarin, I. P., Gheko, I. M., Chiu Keng-jung - Tetra-irradiated complexes of nickel and uranium. *Vestn. Mosk. un. Ser. 2: Khim.* 17 no. 4:34-37 Ji-Ag '68.
- Andreev, S. M., and others. - Complex formation in systems $\text{Ni}(\text{H}_2\text{O})_6^{2+} - \text{H}_2\text{O}$. *Zhur. neorg. khim.* 13 no. 3:374-378 Y '68.
- Andreev, S. M., and others. - Complex formation in the systems $\text{Ni}(\text{H}_2\text{O})_6^{2+} - \text{H}_2\text{O}$ and $\text{Ni}(\text{H}_2\text{O})_6^{2+} - \text{H}_2\text{O}$. *Zhur. neorg. khim.* 13 no. 3:388-394 Y '68.
- Andreev, S. M., Tinkovskaya, I. T. - Kinetics of the formation of a nickel-urea-thyrosine complex. *Dokl. TSKIA* no. 13:318-323 '67.
- Dabava, T. R., Baskirov, E. A., Akhmedov, M. K. - Study of the complex compound of acrophane and gadolinium with pyroacetic acid. *Azerb. khim. zhur.* no. 5:122-126 '68.
- Bakko, A. K., Loria, M. V. - The ternary complex (hexamethylenetetramine)-acetic acid - hydrogen peroxide. *Zhur. neorg. khim.* 13 no. 3:506-510 Y '68.
- Dasev, A. L., Ivanov, V. M., Nemisova, Zh. L. - Spectrophotometric study of the reaction of bivalent cobalt salts with 4-(3-pyridyl)-resorcinol. *Zhur. neorg. khim.* 13 no. 3:511-515 Y '68.
- Bychkov, S. M., Mikheeva, S. B., Kharitonova, V. M. - Relationship between the density and structural-mechanical properties of collagen complex of the silver and acid glycosaminoglycans. *Dokl. AN SSSR* 183 no. 6:1433-1438 '68.

541.43 (Continued)

- Krasnaya, I. A., and others. - Formation of mixed metal complexes in aqueous solution. *Zhur. neorg. khim.* 13 no. 3:519-521 F '68.
- Gratchev, L. I., and others. - A new method of synthesis of bis-2-aminophenols of the indole series. *Dokl. TSKR* 171:121-123 F '68.
- Gratchev, L. I., and others. - Study of equilibria in the binary peroxide system $\text{H}_2\text{O}_2\text{-H}_2\text{O-C}_6\text{H}_5\text{O}_2\text{-H}_2\text{O}$. *Russk. khim.* 10 no. 2:301-310 '68.
- Gratchev, L. I., and others. - Study of equilibria in the binary peroxide system $\text{H}_2\text{O}_2\text{-H}_2\text{O-C}_6\text{H}_5\text{O}_2\text{-H}_2\text{O}$. Part 2: Equilibria in solution. *Radiokhimiya* 19 no. 2:104-107 '68.
- Gratchev, L. I., and others. - Complexes of uranyl peroxide compounds. Part 2: Study of equilibria in solution. *Radiokhimiya* 10 no. 2:111-111 '68.
- Gratchev, L. I., and others. - Characterization of the chemical bond in cobaltous aquaammonia complexes based on their absorption spectra. *Dokl. Akad. Nauk SSSR* 180:803-805 N-D '68.
- Gratchev, L. I., and others. - Organophosphorus complexes. *Usp. khim.* 37 no. 7:1141-1141 '68.
- Gratchev, L. I., and others. - Organophosphorus complexes. Part 2: Organophosphorus complexes of transition metals. *Russk. khim.* 10 no. 1:101-104 '68.
- Gratchev, L. I., and others. - Infrared absorption spectra of zinc chloride hydroxylamine complexes and of metal vibrations of hydroxylamine coordinated in the form of a hydroxylamine. *Zhur. neorg. khim.* 13 no. 2:154-155 F '68.
- Gratchev, L. I., and others. - Derivatives of thiazole as analytical reagents. Part 2: Complex formation of dioxithiazole with gallium. *Tr. AN SSSR Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Form of optical absorption lines in plane-symmetry complexes of the type $(\text{M}(\text{L})_2)_n$. *Teor. i eksp. khim.* 4 no. 6:797-807 N-D '68.
- Gratchev, L. I., and others. - Chelate compounds of copper with some 8-aminoalkylketones. *Zhur. neorg. khim.* 13 no. 2:443-448 F '68.
- Gratchev, L. I., and others. - Study of the complex formation of trivalent lanthanides and actinides with ethylenediamine-1,2-bis(2-hydroxyphenyl)phosphonic acid using the electron spin resonance method. *Radiokhimiya* 10 no. 2:111-111 '68.
- Gratchev, L. I., and others. - Study of complex formation in the systems tungsten-pyrocatechol violet and aluminum-pyrocatechol violet. *Zhur. neorg. khim.* 13 no. 2:452-455 F '68.
- Gratchev, L. I., and others. - Radiolysis of triethylenediamine cobalt(II) chloride. *Khim. vye. energ.* 2 no. 3:374-376 N-D '68.
- Gratchev, L. I., and others. - Complex compounds of uranium(VI) with bis(2-hydroxyphenyl)phosphonic acid. *Tr. AN SSSR Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Reaction of amine-pentachloride with orthophosphoric acid. *Zhur. neorg. khim.* 13 no. 2:443-448 F '68.
- Gratchev, L. I., and others. - Products of addition of some organic bases to triethylenediamine-bis(2-hydroxyphenyl)phosphonic acid. *Tr. AN SSSR Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Composition of uranous sulfate complexes formed in polarographic reduction of uranyl ions in valeric acid solutions. *Zhur. neorg. khim.* 13 no. 2:452-455 F '68.
- Gratchev, L. I., and others. - Kinetics of exhausting extraction of rhodium complexes of transition metal ions from aqueous solutions in a. *Tr. AN SSSR Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Infrared spectra and X-ray diffraction characteristics of some metal-organic complexes of vanadium(III). *Sov. Ak. Nauk Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Effect of temperature on the stability of titanium peroxide complex. *Tr. AN SSSR Ser. Khim.* no. 3:433-437 '68.
- Gratchev, L. I., and others. - Solubility of uranyl in nonaqueous solutions. *Radiokhimiya* 10 no. 2:111-111 '68.
- Gratchev, L. I., and others. - Complex formation of actinides with neutral organophosphorus compounds. Part 1. *Radiokhimiya* 4 no. 5:570-575 '68.
- 541.6 Chemical structure in relation to properties**
- Aliev, R. M., and others. - Purification of technical acrylonitrile by the ion exchange method. *Zhur. prikl. khim.* 41 no. 4:888-893 Ap '68.
- Babitskiy, M. A., and others. - Studies in the field of chemical carboxylic acid derivatives. Part 24. Some dialkylammonium salts esters of allylmalonic acids. *Arm. khim. zhur.* 19 no. 6:424-446 '68.
- Begri, E. I., and others. - Stereochemistry of methylacrylate [A. I. 8] decarboxylation. *Metallkhimiya* 6 no. 6:614-624 N-D '68.
- Bromskiy, B. I. - Method for calculating the height of concentration packed and plate columns in the processes of selective dissolution of two-component dispersed phases. *Zhur. prikl. khim.* 36 no. 8:1722-1740 Ag '68.
- Chernikov, A. I., and others. - Emulsion polymerization of methyl methacrylate in the presence of polymeric emulsifiers. *Dokl. AN SSSR* 182 no. 6:1249-1272 '68.
- Garasov, A. D., and others. - Dipole moments of dialkylammoniumphenols and p-alkyl phenol sulfates. *Azerb. khim. zhur.* no. 6:87-88 '68.
- Garasov, A. D., and others. - Magnetic moments of some carboxylic acids of ferrocene. *Zhur. struk. khim.* 7 no. 6:848-851 N-D '68.
- Lavrenko, A. I., and others. - Structure of radiation polymer of piperylene. *Zhur. prikl. khim.* 36 no. 8:1741-1746 Ag '68.
- Lavrenko, A. I., and others. - Thermal transformation of vinylacetylene as initiated by acetylene. *Dokl. AN SSSR* 183 no. 6:1244-1247 '68.
- Krasnaya, I. A., and others. - Reaction kinetics of two coupling of quinoxaline dioxides with 8-aminoalkyl. *Dokl. AN SSSR* 183 no. 1:508-508 '68.
- Krasnaya, I. A., and others. - Structure of organic oxygen compounds of sulfur. *Usp. khim.* 37 no. 7:1141-1141 '68.
- Krasnaya, I. A., and others. - Synthesis and study of polybenzimidazopyrrolones containing ether bonds in the main chains of macromolecules. *Dokl. AN SSSR* 182 no. 6:1237-1238 '68.
- Lapshina, E. K., and others. - Preparation of high priority methacrylate acid. *Vestn. AN SSSR Ser. Khim. nat.* no. 3:84-84 '68.
- Lavrenko, A. I., and others. - Study of a-type conductivity in a system of phenylhydrazine. *Teor. i eksp. khim.* 4 no. 6:798-798 N-D '68.
- Lavrenko, A. I., and others. - Method of annealing on the electro properties of CdS thin-film single crystals. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Muradov, M. A., and others. - Studies in the field of the solution of polymers in hydrocarbons. *Azerb. khim. zhur.* no. 6:85-85 '68.
- Muradov, M. A., and others. - Studies in the field of the solution of polymers in hydrocarbons. Part 14: Some N-(2-chloroethyl)-N-benzyl-N'-p-alkoxybenzylamines. *Arm. khim. zhur.* 19 no. 6:444-448 '68.
- Muradov, M. A., and others. - Metal polymers based on polystyrene and colloidal particles of metals obtained by the thermal method. *Khim. zhur.* 30 no. 4:552-557 N-D '68.
- Papov, M. A., and others. - Mechanism of the flexibility of chains of inorganic polymers. *Zhur. struk. khim.* 7 no. 6:830-834 N-D '68.
- Rakitskiy, V. O., and others. - Synthesis of linear dimethylmethacrylate polymers by the method of the copolymerization of ethylacrylates. *Vysokomol. soed.* 4 no. 1:20-21 N-D '68.
- Rode, V. V., and others. - Studies in the series of olefinic polymers. Part 2: Some physicochemical properties of olefinic polymers based on 5,5'-methylene-bis-sulfolene aldehyde. *Vysokomol. soed.* 4 no. 1:12-12 '68.
- Selov, M. M., and others. - Some modifications of polyethylene chain. *Dokl. AN SSSR* 182 no. 4:123-123 '68.
- Terebin, A. P., and others. - Studies in the series of olefinic polymers. Part 3: Some polymers of 5,5'-methylene-bis-sulfolene aldehyde with metals. *Vysokomol. soed.* 4 no. 1:12-12 '68.
- Tilov, E. V., and others. - Study of the connection between some parameters of infrared spectra and stereoregulation of reactivity of carboxylic acid hydrazides. *Teor. i eksp. khim.* 4 no. 6:778-778 N-D '68.
- Troshchikov, I. D., and others. - Study of free radical distribution in irradiated organic materials by means of electrostatic spectroscopy. *Khim. vye. energ.* 2 no. 6:614-614 N-D '68.
- Uspenskiy, E. M., and others. - Use of polymeric materials in hydrometallurgy. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Uspenskiy, E. M., and others. - Structure of some products of reaction of phenylhydrazones with phosphorus trichloride. *Dokl. AN SSSR* 183 no. 1:508-508 '68.
- Uspenskiy, E. M., and others. - Some effects of the influence of a methyl group in alkyl-sulfonates. *Zhur. struk. khim.* 7 no. 6:834-833 N-D '68.
- 541.8 Solutions and solubility in general**
- Aliev, R. M., and others. - Kinetics of polymer dissolution. Part 1. Effect of some factors on the rate of polyvinyl acetate dissolution. *Arm. khim. zhur.* 19 no. 6:384-384 '68.
- Basov, A. M., and others. - pH hydrolysis formation and buffer properties of solutions of the system $\text{MeCl}_2\text{-NH}_4\text{Cl-H}_2\text{O}$. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Dolgov, V. I., and others. - Strength of diethylphosphoric acids in some oxygen-accepting solvents. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Gratchev, L. I., and others. - Solubility of hydrogen chloride in the double salt melt MeAlCl_2 . *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Krasnaya, I. A., and others. - On a kinetic in the theory of electrolytic solution. *Electrokhimiya* 4 no. 1:114-114 N-D '68.
- Krasnaya, I. A., and others. - Standard changes of enthalpy in solution of some halides and nitrates of alkali metals in dimethylformamide. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Lavrenko, A. I., and others. - Thermodynamic and kinetic relations to light scattering, mutual diffusion, and absorption of some in water solutions. *Struk. i rol' vody v khim. i fiz.* no. 1:49-49 '68.
- Lavrenko, A. I., and others. - Solubility of polyethylene in the binary system $\text{MeCl}_2\text{-H}_2\text{O}$. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Muradov, M. A., and others. - Solubility of propylene in aromatic hydrocarbons. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Muradov, M. A., and others. - Study of solubility in the binary system $\text{MeCl}_2\text{-H}_2\text{O}$. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Muradov, M. A., and others. - Radiocarbon method of determining the composition and solubility of ferrocene derivatives of some carboxylic acids and alcohols. *Radiokhimiya* 10 no. 2:111-111 '68.
- Muradov, M. A., and others. - Solubility of uranyl salts in ethers. *Radiokhimiya* 10 no. 2:111-111 '68.
- Muradov, M. A., and others. - Solubility of germanium dioxide in sulfuric acid. *Zhur. neorg. khim.* 13 no. 3:434-434 F '68.
- Krasnaya, I. A., and others. - Solubility in the systems of production of Teflon and. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Krasnaya, I. A., and others. - Phase diagrams of ternary liquid systems containing three binary dissolving regions with upper critical temperatures of dissolution. Part 1: Uch. zap. Perm. gos. un. no. 2: 2-9 '68.
- Krasnaya, I. A., and others. - Phase diagrams of ternary liquid systems containing three binary dissolving regions with upper critical temperatures of dissolution. Part 2: Uch. zap. Perm. gos. un. no. 2: 10-17 '68.
- 541.9 Classification systems for elements and compounds**
- Krasnaya, I. A., and others. - State of water in crystalline hydrates of porphyrins formed by elements of the group II of D. I. Mendeleev's periodic system. *Str. i rol' vody v khim. i fiz.* no. 1:114-114 '68.
- Krasnaya, I. A., and others. - Brief Mendeleev's table and position of isotopes. *Vestn. AN SSSR Ser. Khim. nat.* no. 3:84-84 '68.
- Krasnaya, I. A., and others. - Relation of the effect of "third" element on the solubility of lines in spectral analysis with D. I. Mendeleev's periodic system. *Uch. zap. Perm. gos. un. no. 2: 10-17 '68.*

- 542 Experimental and preparative chemistry. Laboratory equipment and technique**
- Aliev, R. M., and others. - Acetylation of hexamethyl and pentamethyl polyethylene. *Zhur. neorg. khim.* 13 no. 2:382-382 F '68.
- Aliev, R. M., and others. - Studies in the field of the chlorination of organic compounds and transformations of chloro derivatives. Part No. 5. Reaction and products of initiated toluene chlorination and of its chloro derivatives. *Arm. khim. zhur.* 19 no. 6:474-474 '68.
- Aliev, R. M., and others. - Extraction of a mixture of radioactive isotopes using natural naphthalene acid. *Radiokhimiya* 10 no. 2:111-111 '68.
- Aliev, R. M., and others. - Analytical and experimental identification of the reaction products of sulfuric acid alkylation. *Za tekh. prog.* 8 no. 1: 8-18 O '68.
- Aliev, R. M., and others. - Chromatographic study of the kinetics of oxidative dehydrogenation of isopropene on a manganese-molybdenum catalyst. *Metallkhimiya* 6 no. 6:614-614 N-D '68.
- Andrianov, A. V., and others. - Decomposition of peracetic acid in aqueous solution. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Archiev, A. A., and others. - Chloromethylation of some allylphenylbenzenes. *Arm. khim. zhur.* 19 no. 6:424-424 '68.
- Archiev, A. A., and others. - Addition of hypochlorous acid to divinylacetylene hydrocarbons. *Arm. khim. zhur.* 19 no. 6:430-430 '68.
- Babitskiy, M. A., and others. - Studies in the field of chemical carboxylic acid derivatives. Part 24. Thermal and alkaline splitting of quaternary ammonium salts containing 2,2-dimethyl-3-butoxy and 2-cyclohexyl groups. *Arm. khim. zhur.* 19 no. 6:403-403 '68.
- Babitskiy, M. A., and others. - Synthesis of 2-methyl-3-nitro-4-methoxyphenyl-5-cyano-6-chloropyridine. *Khim. prikl. khim.* 36 no. 8:1741-1746 Ag '68.
- Bartenev, G. M., and others. - Temperature-frequency dependence of deformation and mechanical loss of rubber-like polymers under periodic loading conditions. *Vysokomol. soed.* 4 no. 1:12-12 '68.
- Bartenev, G. M., and others. - Dehydration of naphthalene glasses. *Khim. prikl. khim.* 36 no. 8:1741-1746 Ag '68.
- Bartenev, G. M., and others. - Extraction of H₂O from liquidated propylene-propylene fraction by K₂CO₃ solution in counter current columns. *Khim. prikl. khim.* 36 no. 8:1741-1746 Ag '68.
- Bartenev, G. M., and others. - Studying reaction products of propylene oxidation in a solution of amines and bases. *Metallkhimiya* 6 no. 6:614-614 N-D '68.
- Bartenev, G. M., and others. - Equilibrium of the reaction of destructive hydrogenation of diphenyl. *Metallkhimiya* 6 no. 6:614-614 N-D '68.
- Bartenev, G. M., and others. - Study of thermal destructive hydrogenation of diphenyl. *Metallkhimiya* 6 no. 6:614-614 N-D '68.
- Brigadev, R. F., and others. - Extraction separation of radioactive manganese from large quantities of iron. *Radiokhimiya* 10 no. 2:111-111 '68.
- Brilina, T. G., and others. - Organometallic peroxide compounds. Report No. 1. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Brilina, T. G., and others. - Organometallic peroxide compounds. Report No. 2. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Dobrovol'skiy, T. E., and others. - Low-temperature luminescence spectra in a study of the melting-out agent in extraction recovery of hexavalent uranium. *Radiokhimiya* 10 no. 2:111-111 '68.
- Dobrovol'skiy, T. E., and others. - Effect of oxidative processes on electrodes from aluminum-silica alloys on the intensity of spectral lines. *Tr. AN SSSR Ser. Khim. nat.* no. 6:778-778 N-D '68.
- Yermolov, V. V., and others. - Dependability of results in the extraction of microamounts of aluminum from nitrate solutions by 4,4'-di-tert-butylphosphoric acid. *Radiokhimiya* 10 no. 2:111-111 '68.

- 1) Andreeva, M. A. - Quaternary structure of phosphorus dehydrogenases from the data of analysis. *Mol. Biol.* 1 no. 3:303-304.
- 2) Spectral determination of copper, iron impurities in human saliva. *Trudy* 183 '68.
- 3) Mitroshina, M. D. - Study of solutions of acetates by means of NMR and infrared. *Dokl. AN SSSR* 183 no. 1:98-100 '68.
- 4) Stepanov, B. I. - Universal relation ion spectra and luminescence spectra in with large pumping intensities. *Dokl.* 1:167-70 '68.
- 5) Urushadze, M. P. - Spectrophotometric / β -xanthophyllase in samples of high phosphorus. *Trudy IRMA* no. 3:163-164.
- 6) Isosova, K. A., Buslaev, B. A. - Study of spectra of products of the reaction of chlorides with pyridine and water in chloroform. *Neorg. Khim.* 4 no. 5:730-737.
- Spectrophotometric study of some dithiobenzoic acid C. Trudy IRMA no. 3:**
- 7) Ushakov, V. V., Valiev, A. - Effect of the quality of potassium bromide in the NMR. *Neorg. Khim.* no. 4:383-385 '68.
- 8) - Use of objective photometric methods for determination of some steroid materials. *Tr. Khim. Akad. Nauk SSSR* 1968, 4:144-148.
- 9) Kevskaya, V. A., Kuznetsov, S. I. - Ion spectra of sodium thiosulfate. *Neorg. Khim.* 4 no. 11:84-86 '68.
- 10) - Determination of divalent /nickel/ in ion exchangers by means of spectroscopy. *Zav. Lab.* 34 no. 8:888-889.
- 11) - Modern methods for X-ray spectral analysis: a survey. *Zav. Lab.* 34 no. 8:890-891.
- 12) Ishokov, I. U., Volk, I. A. - Low-ray unit for single crystals. *Zav. Lab.* 33 '68.
- 13) - and others. - More on the stereochemical reactions at olefin carbon atom. *Trudy IRMA* no. 3:116-118 '68.
- 14) Kevskaya, V. A., Kuznetsov, T. N. - mony pentachloride with orthophosphoric acid. *Trudy IRMA* no. 3:123-125 '68.
- 15) - Spectrophotometric study of the second-order acids in neutralization. *Vop. Khim.* 1968, 4:144-148.
- 16) Makalova, D. M. - Spectrum analysis of silicon using discharge in a hollow /po khim. i khim. tekhn. no. 3:365-367 '68.
- 17) - Colorimetric determination of cyanuric acid. *Trudy po khim. i khim. tekhn.* no. 3:10-12.
- 18) Kevskaya, V. A. - Determination of the composition of thin layers by means of X-ray and characteristic X-ray radiation. *Trudy IRMA* no. 3:144-146 '68.
- 19) Kevskaya, V. A. - Methods for the determination of microgram quantities of some elements. *Trudy IRMA* no. 3:146-148 '68.
- 20) Kevskaya, V. A., Tkova, S. A. - Fast determination of phosphorus by the benzene blue. *Report No. 3. Trudy IRMA* no. 3:148-150 '68.
- 21) Kevskaya, V. A., Tkova, S. A. - Spectrophotometric determination of phosphorus in a molybdenum-vanadate complex. *Trudy IRMA* no. 3:150-152 '68.
- 22) Kevskaya, V. A. - Determination of 10-10% a phosphorus in alumina. *Trudy IRMA* no. 3:152-154 '68.
- 23) Kevskaya, V. A. - Photometric determination of calcium and manganese additions in steel. *Trudy IRMA* no. 3:154-156 '68.
- 24) R. L., Pashkova, V. M., Kuznetsov, V. I. - Determination of phosphorus as a reagent for electro determination of palladium. *Vest. Khim. Akad. Nauk SSSR* 1968, 4:144-148.
- 25) Rishabenko, M. I., Poverenniy, A. M. - thermal denaturation in the presence of my means of differential spectrophotometry. *Trudy IRMA* no. 3:156-158 '68.
- 26) - and others. - Stability and kinetics of of some radicals of the nitrobenzene series. *Trudy IRMA* no. 3:158-160 '68.
- 27) Troshina, V. V. - Spectral analysis of air direct pulverization into the light electrode channel. *Vest. Khim. Akad. Nauk SSSR* 1968, 4:148-150.
- 28) - Shopenko, V. V., Ivanova, M. I. - and X-ray diffraction characteristics of some complexes of vanadium (III). *Trudy IRMA* no. 3:160-162 '68.
- 29) Kevskaya, V. A. - Determination of bands by the spectral method. *Vest. Khim. Akad. Nauk SSSR* 1968, 4:150-152.
- 30) Lakh, A. M., Shirokova, K. A. - Molybdenum reagent for steel. *Zav. Lab.* 34 no. 8:892-893.
- 31) Zharikov, V. V., Radovskiy, M. K. - Spectroscopic investigation of the hydrogen bond between N-phenylurethane molecules in carbon tetrachloride solution. *Trudy po khim. i khim. tekhn.* no. 3:173-175 '68.
- 32) Kozlov, M. A. - Relation of the effect of "third" elements on the intensity of lines in spectral analysis with D.L. Mendelev periodic system. *Uch. zap. Perm. gos. un.* no. 11:173-174 '64.
- 33) Kozlov, M. A. - Study of the processes on electrode and initial effects of elements during quantitative spectral analysis. *Uch. zap. Perm. gos. un.* no. 11:175-176 '64.
- 542.42 Spectral analysis (spectrometry, spectroscopy, etc.)**
- 34) Aleksandrov, V. T., and others. - Vibrational spectra of thiophene, selenophene and their dithioether derivatives. Part 2: Plane vibrations of thiophene and its dithioether derivatives. *Opt. i spekt.* no. 3:178-183 '67.
- 35) Aleksandrov, V. T., and others. - Vibrational spectra of thiophene, selenophene and their dithioether derivatives. Part 3: Plane vibrations of selenophene and its dithioether derivatives. *Opt. i spekt.* no. 3:183-188 '67.
- 36) Bolotina, N. M., Sverdlov, L. M. - Calculation and interpretation of the vibrational spectra of sulfur-containing compounds. Part 1: Thiophene and its dithioether derivatives. *Opt. i spekt.* no. 3:188-193 '67.
- 37) Borisov, M. G., Sverdlov, L. M. - Vibrational spectra of substituted hydrocarbons. Part 1: Calculation of absolute intensities of infrared bands of infrared bands of trans- and cis-butene-2. *Opt. i spekt.* no. 3:193-198 '67.
- 38) Bratslav, M. O., Todorov, M. V. - Vibrational spectra of molecules with the van der Waals bond. *Opt. i spekt.* no. 3:198-203 '67.
- 39) Pashkov, A. G. - Experimental and theoretical study of absolute intensities in the infrared spectra of gaseous hydrocarbons. Part 1: n-pentane, i-pentane and 1-hexene. *Opt. i spekt.* no. 3:203-207 '67.
- 40) Gerasimov, Z. A. - Spectra of combined water solution, saturated solutions of electrolytes and ice crystal. *Struk. i rel. vedy v khim. i khim. tekhn.* no. 1:164-168 '68.
- 41) Bogdanov, A. V. - Fermi resonance and the structure of (A - B) bands in complexes with hydrogen bond. Part 1: The expected picture. *Opt. i spekt.* no. 3:207-212 '67.
- 42) Khovrutskiy, M. N., Borisovich, M. A. - Intensity of infrared absorption bands of OH- and CO-groups of some aromatic compounds. *Opt. i spekt.* no. 3:212-215 '67.
- 43) Kopylov, G. S., and others. - Calculation of the vibrations of 1,4-bisubstituted-1,3. *Opt. i spekt.* no. 3:215-218 '67.
- 44) Kozlov, M. A., Radovskiy, M. K. - Deformation vibrations of CO- and C-H bonds and the isotopic effect of the association energy of H- and D-hydrocarbons of isopropylbenzene and tertiary butyl. *Opt. i spekt.* no. 3:218-223 '67.
- 45) Kozlov, M. A., Bogdanov, A. V. - Infrared absorption bands of the stretching and deformation vibrations of C-H bond in solutions of acetylene hydrocarbons. *Opt. i spekt.* no. 3:223-228 '67.
- 46) Kozlov, M. A., Bogdanov, A. V. - Integral intensities of the stretching and deformation vibration bands of the C-H bond in gaseous R-C-C-H hydrocarbons. *Opt. i spekt.* no. 3:228-233 '67.
- 47) Lisitsin, M. P., Kharachov, M. P. - Splitting in the spectra of iodobenzene solutions due to the Fermi resonance. *Opt. i spekt.* no. 3:233-238 '67.
- 48) Lisitsin, M. P., Kharachov, M. P. - Formation of hydrogen bonds of primary amines. *Opt. i spekt.* no. 3:238-244 '67.
- 49) Petrov, A. K., Bechikov, A. V. - Spectroscopic study of monocarboxylic acids. Part 3: Temperature and phase dependence of the infrared absorption spectrum of pentachlorobenzoic acid. *Opt. i spekt.* no. 3:244-249 '67.
- 50) Ponomarev, I. U., Kozlov, I. F. - Calculation of the vibrational spectra of compounds of the fourth group elements of the X₂H₂ type. *Opt. i spekt.* no. 3:249-254 '67.
- 51) Prima, A. M. - Vibrational spectra and potential energy constants of pyrolysis and its dithioether derivatives. Part 1: Plane vibrations. *Opt. i spekt.* no. 3:254-258 '67.
- 52) Prima, A. M., Kuznetsov, A. T. - Calculation and interpretation of the vibrational spectra of cyclic organosilicon compounds. Part 1: Hexamethylcyclotrisiloxane. *Opt. i spekt.* no. 3:258-263 '67.
- 53) Bechikov, A. V., Petrov, A. K., Makarov, B. V. - Spectroscopic study of monocarboxylic acids. Part 3: Characteristic frequencies of the carboxyl group in infrared absorption spectra. *Opt. i spekt.* no. 3:263-268 '67.
- 54) Tarasova, M. V., Sverdlov, L. M. - Vibrational spectra of substituted hydrocarbons. Part 2: Calculation and interpretation of vibrational spectra of trans- and cis-pentene-2. *Opt. i spekt.* no. 3:268-273 '67.
- 55) Zolotarev, V. M., Bechikov, M. G. - Effect of effluent (acoustic) field of light wave on infrared absorption spectra of liquid water in the region of stretching bands. *Struk. i rel. vedy v khim. i khim. tekhn.* no. 1:176-178 '68.
- 542.5 Physical chemical methods (other than optical)**
- 56) Alier, R. B., and others. - Chromatographic study of the kinetics of oxidative dehydrogenation of isopentenes on a molybdenum-niobium catalyst. *Neftokhimiya* 8 no. 4:581-587 M-D '68.
- 57) Alier, R. B., and others. - Chromatographic analysis of alkylidene composition. *Zav. Lab.* 34 no. 8:894-895 '68.
- 58) Ambarishvili, A., Voronin, A., Krivosheina, V. - Chromatographic method of chloroprene analysis. *Protn. Arm.* 10 no. 10:33-34 '68.
- 59) Avots, A., and others. - Formation of volatile acids during vapor-phase oxidation of furan compounds on vanadium catalysts. *Izv. AN Latv. SSR, Ser. Khim.* no. 4:436-438 '68.
- 60) Bagdasaryan, I. L., Guseinov, I. K., Guseinov, A. A., L. A. - Study of the absorption of gallium, aluminum, iron, titanium, and vanadium by ion-exchange chromatography. *Asarbi, Khim. Khim. no. 8:123-133 '68.*
- 61) Bardychev, L. L. and others. - Preparation of absolutely pure synthetic camphor. *Vest. AN BSSR, Ser. Khim. i Khim. tekhn.* no. 3:111-113 '68.
- 62) Belen'kiy, B. G. and others. - Thin-layer microchromatography of dinitrophenyl and phenylthiohydrazide derivatives of amino acids. *Mol. Biol.* 1 no. 2:184-189 M-D '67.
- 63) Bereskin, V. G. - Gas chromatographic methods for studying the kinetics of liquid-phase reactions. *Usp. Khim.* 37 no. 7:1343-1357 J1 '68.
- 64) Berg, L. G., Lashareva, N. P. - Determining the catalytic of manganese dioxide and its compounds with other oxides using gas volumetric and thermographic methods. *Zav. Lab.* 34 no. 8:878-880 '68.
- 65) Billimovskiy, G. M., Alimova, L. P., Tikhonova, T. V. - Determination of zinc traces in gallium arsenide by isotope dilution using anion-exchange chromatography. *Zav. Lab.* 34 no. 8:881-883 '68.
- 66) Bogatyrev, I. O., Zhebranko, K. B., Malygina, N. L. - Radiochemical analysis using ion exchange resins in neutral and nonaqueous solvents. Part 3. Comparison of conditions of anion exchange separation of some radioactive rare earth elements and yttrium-81 in aqueous-organic solutions containing nitric acid or metal nitrates. *Radiochimia* 10 no. 3:283-288 '68.
- 67) Bryzgalova, M. I. - Structure of pores and skeleton of inorganic carriers for gas chromatography. *Neftokhimiya* 8 no. 4:515-521 M-D '68.
- 68) Chelkarev, A. M., Lashareva, N. P., Vladimirova, L. M. - Hydrolysis and hydrolytic polymerization of siloxanes and hafnium sulfates studied by paper chromatography. *Dokl. AN SSSR* 183 no. 1:150-153 '68.
- 69) Gamsarian, R. G., Danilchenko, I. A., Sitar, A. B. - Neutron activation determination of copper in high-grade products using the gamma-gamma-coincidence method. *Zav. Lab.* 34 no. 8:875-877 '68.
- 70) Gelfand, L., Kozlov, M. A., Vasyuk, G. - Condensation of alkyl malonyl chlorides with phenols. *Izv. AN Latv. SSR, Ser. Khim.* no. 4:438-444 '68.
- 71) Gerasimov, Z. A., Sherebek, L. M. - Dielectric permeability as a factor determining the separation in gas chromatography. *Neftokhimiya* 8 no. 6:908-914 M-D '68.
- 72) Gerasimov, Z. A. - Chlorine electrophoresis in organic treatment of fractures of the distal end of the humerus in children. *Neftokhimiya* 8 no. 8:88-89 '67.
- 73) Kalinin, A. I., Kuznetsov, B. A., Molodtsov, V. V. - Acidic ion analysis of silicon dioxide. *Radiochimia* 4 no. 8:575-581 '68.
- 74) Kharachov, M. P. - Method of separating and determining small quantities of amino acids from the cotton plant by paper chromatography. *Trudy Tadzh. nauch. ts. lab.* 10:151-156 '68.
- 75) Khramov, A. G., and others. - Macroporous anionites and the technology of maltylation. *Trudy. Khim. Akad. Nauk SSSR* 41 no. 11:73-78 M '68.
- 76) Kozlov, V. V., Vol'fson, A. L. - Ion exchange chromatography synthesis of some quaternary ammonium bases. *Khim. i Khim. tekhn.* 85 no. 8:1805-1807 Ag '68.
- 77) Lashareva, N. P. - Chromatographic separation of phenols. *Trudy po khim. i khim. tekhn.* no. 3:111-113 '68.
- 78) Ljuba, B. V., and others. - Studying the composition of volatile compounds in grape products processed by gas-chromatography. *Trudy MHIIP* 8:118-120 '68.
- 79) Makalova, D. M. - Use of paper chromatography for the study of amino acid composition of the blood plasma in acute intestinal obstruction. *Klin. Khim.* no. 8:44-46 Ag '68.
- 80) Meerson, G. I., Ryshkova, I. U. - Radiochemical method for determining the activity of glucose-6-phosphatase. *Biol. Khim. i Med. no. 54 no. 10:135-138 O '68.*
- 81) Melnikova, S. A., and others. - Chemistry of vinylacetylene. Part 7: Separation of vinylacetylene carbonyls, acetylene hetero-alcohols and their ethers by thin-layered chromatography on aluminum oxide. *Anna. Khim. Akad. Nauk SSSR* 19 no. 3:189-193 '68.
- 82) Molodtsov, B. L., Kuznetsov, T. M. - Qualitative analysis of some multicomponent drug mixtures by thin layer chromatography. *Pharmaz. Khim.* 13 no. 3:126-133 '68.
- 83) Orlov, V. I., Gur'ev, M. V. - Rearrangement reactions in the mass spectra of methylsiloxanes. *Khim. i Khim. tekhn.* 85 no. 8:107-108 M-D '68.
- 84) Pashkov, A. G., Kozlov, M. A. - On carrying out extraction processes by the chromatographic method. *Radiochimia* 4 no. 8:585-588 '68.
- 85) Roshkov, S. A., Murzin, G. M. - Apparatus for the chromatographic determination of methylamines. *Zav. Lab.* 34 no. 8:841-842 '68.
- 86) Rodionova, K. P., and others. - Studying the characteristics of paraffinic hydrocarbons in the organic matter of sedimentary rocks and oils by means of gas-liquid chromatography. *Geol. i Khim. tekhn.* 12 no. 12:24-30 D '68.
- 87) Rogozhin, S. V., Davidenko, V. A. - Chromatographic splitting of reagents on asymmetric sorbents. *Usp. Khim.* 37 no. 7:1357-1367 J1 '68.
- 88) Shirokova, K. A., Shirokova, I. G. P., Gergeneva, T. V. - Neutron-activation determination of calcium in rocks and minerals using cation exchange chromatography of interfering elements. *Zav. Lab.* 34 no. 8:881-883 '68.
- 89) Shirokova, K. A. - Apparatus for semi-quantitative chromatography. *Zav. Lab.* 34 no. 8:843-845 '68.
- 90) Vagha, M. S., Fakhra, L. K. - Separation of microgram quantities of Co (III) and (IV) by thin-layer chromatography. *Zav. Lab.* 34 no. 8:873-875 '68.
- 91) Volynskiy, A. S., Borevskiy, S. V. - Electrochemical study of protein fractions of poultry egg white and yolk in the process of incubation. *Uch. zap. Perm. gos. un.* 12 no. 4:6-8 '68.
- 92) Kharachov, M. P., Kharachov, B. V. - Chromatographic determination of acids in the products of a liquid-phase oxidation of cyclohexanol. *Vest. AN BSSR, Ser. Khim. i Khim. tekhn.* no. 3:177-178 '68.

- [illegible]

- Romanov, A. I., Petrenko, G. D., Khleborodova, R. T. - Production of tellurium dioxide based on an electrochemical solution of tellurium. *Trudy IREK* no. 28: 228-230 '66.
- Roznitsin, E. M., Bratska, Kh. K. - Determination of iodide micro-impurities in barium, strontium and calcium carbonates by oscillographic polarography with preliminary concentration of the determinable substances on an electrode. *Trudy IREK* no. 28:114-118 '66.
- Roznitsin, E. M., Makshova, D. K. - Spectrometric analysis of germanium and silicon using discharge in a hollow cathode. *Trudy po khim. i khim. tekhn.* no. 3:166-167 '68.
- Saika, J., and others. - Acidity of the medium as a factor determining ozone formation in $K_2S_2O_8$ decomposition. *Izv. AN Latv. SSR, Ser. khim.* no. 4: 262-264 '68.
- Shafren, I. G. - Determination of sulfide sulfur in tri-chlorosulfate. *Trudy IREK* no. 28:118-123 '66.
- Shafren, I. G., Kurava, A. V. - Determination of boron submicro-impurities in germanium tetrachloride and analogous substances. *Trudy IREK* no. 28:124-125 '66.
- Shafren, I. G., Parizhnikova, M. X., Platova, T. I. - Complexometric determination of indium in a solid in-Sb-As solution. *Trudy IREK* no. 28:125-126 '66.
- Shakhmatkin, G. B., Gilev, A. I. - Reaction of sulfur dioxide with carbon monoxide in the presence of reduced oxides as catalyst. *Azerb. khim. shur.* no. 9:123-127 '68.
- Shvets, V. G., Ushakov, I. V. - System $(H_2O)_2CO_2 - H_2SO_4 - H_2O$ at 25°C. *Khim. neogr. khim.* 13 no. 2:586-589 '68.
- Shvets, I. A., and others. - Synthesis and transformations of some organic and organosilicon derivatives of isopropylacetylenecarboxylate. *Azerb. khim. shur.* no. 11:41-44 '68.
- Sidorenko, A. V., Sidorenko, S. A. - Distribution of the assumed biogenic carbon in the Precambrian. *Dokl. AN SSSR* 187 no. 1:121-124 '68.
- Smirnov, V. P. - Welding of AlSi alloy in a shield of helium. *Svar. protsv.* no. 11:22-23 '68.
- Troshchinskii, M. M., Kabanov, A. E., Kuznetsov, K. L. - Welding of cast lead-resistant Fe-20Cr-5Al alloy. *Svar. protsv.* no. 11:18-20 '68.
- Ulanovskii, I. B., Korovin, I. M. - Effect of oxygen concentration on the beginning of deterioration in narrow regions. *Khim. prikl. khim.* 35 no. 8:1783-1789 '68.
- Ulanovskii, I. B., Korovin, I. M. - Determination of boron in glass leads by the spectral method. *Vestn. AN BSSR, Ser. khim. i tekhn.* no. 3:103-104 '68.
- Valentin, M. I., Shvets, V. G. - System $Li_2Cl_2 + H_2SO_4 + Li_2SO_4 + H_2O$ at 75°C. *Khim. neogr. khim.* 13 no. 2:590-593 '68.
- Valentin, M. I., Vashkova, A. M., Malin, J. - Complex formation of some sulfur containing additions with copper ions in diluted sulfuric acid copper-plating electrolyte. *Trudy AN LR, SSR, Ser. B* no. 3:37-43 '68.
- Vodrenko, V. M., Gurev, I. V., Lagin, K. K. - Thermodynamics of the two-structural model of water. Part I. Structure of heavy water. *Khim. i tekhn. khim.* 7 no. 8:10-12 '68.
- Kuznetsov, K. L., Gurev, I. V., Lagin, K. K. - Solubility of germanium dioxide in sulfuric acid. *Khim. neogr. khim.* 13 no. 2:593-598 '68.
- Zhukov, S. A., Mikheeva, V. I., Stepanova, K. V. - *Khim. neogr. khim.* 13 no. 2:542-548 '68.
- 546.3 Metals**
- Arkhypov, B. M., Koshina, M. I., Revina, T. V. - System $HbCl - H_2O - H_2O_2$ at 0, 25, and 50°C. *Khim. neogr. khim.* 13 no. 2:587-588 '68.
- Babalan, G. G., and others. - Solubility diagram of the quaternary reciprocal system $MgSiO_3 - K_2SiO_3 - NaCl - KOH - H_2O$. Part 2. *Arm. khim. shur.* 19 no. 3: 174-183 '68.
- Bogdanov, I. L., Oshchakov, I. K., Agayeva, L. A. - Study of the absorption of gallium, aluminum, boron, titanium, and vanadium by ion-exchange chromatography. *Azerb. khim. shur.* no. 11:128-132 '68.
- Bolotov, I. M., Grigor'eva, M. A. - System $(H_2O)_2CO_2 - H_2CO_3 - H_2O$ at 25°C. *Khim. neogr. khim.* 13 no. 2:598-599 '68.
- Boril, S. L., Voznesenskaya, M. K. - Reaction of sodium metaporphosphate with aluminum oxide. *Khim. neogr. khim.* 13 no. 2:599-597 '68.
- Boldyrev, V. V., Lytkin, V. M. - Effect of the addition of rare earth elements on the radiolysis of crystalline alkali metal nitrate. *Khim. vys. uorg.* 3 no. 6:565-568 '68.
- Bykova, I. M., and others. - The systems $HbH_2PO_4 - H_2O - H_2O_2$ and $CaH_2PO_4 - H_2O - H_2O_2$ at 25°C. *Khim. neogr. khim.* 13 no. 2:640-644 '68.
- Chikhachev, V. G., Polonov, I. M., Alimovskaya, K. V. - Reaction of Er_2O_3 with H_2CO_3 . *Izv. AN BSSR, Neorg. mat.* 4 no. 6:745-750 '68.
- Dudakov, B. A., and others. - Relationship between catalytic activity and adsorbability of aluminum-chromium catalysts. *Azerb. khim. shur.* no. 9:113-118 '68.
- Edolan, R. S., Babalan, G. G., Murvelan, M. G. - Physicochemical study of the system containing K_2AlF_6 , K_2AlF_5 and Li_2AlF_6 . Part 2: Feasibility diagram of the $K_2AlF_6 - Li_2AlF_6$ system. *Arm. khim. shur.* 19 no. 6:408-411 '68.
- Ignatenko, G. A., Stasivskiy, D. E. - Melting diagram of the system sodium borate-sodium. *Khim. neogr. khim.* 13 no. 2:600-603 '68.
- Yakov, N. P., Kopyeva, M. A. - Atomic-absorption method of determining sodium in chemical reagents. *Trudy IREK* no. 28:127-128 '66.
- Kharitonov, I. I., Ionova, M. A., Budakov, I. A. - Study of infrared absorption spectra of products of the reaction of titanium tetrachloride with pyridine and water in chloroform. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:750-757 '68.
- Kolobov, A. G., Ushakov, I. V. - Electrode properties of sodium-tungstate bronze. *Uch. zap. Perm. gos. un.* no. 111:63-66 '64.
- Korotchenko, I. M., Movkova, A. M. - Coprecipitation of beryllium, zinc, and lead with yttrium hydroxide. *Trudy po khim. i khim. tekhn.* no. 3:95-98 '68.
- Krokhin, V. V., Vol'fson, A. I. - Ion exchange chromatographic synthesis of some quaternary ammonium bases. *Khim. prikl. khim.* 35 no. 8:1880-1887 '68.
- Kukin, V. T., Surkov, I. U. - Reduction of brominating sodium sulfide by gases of propane-butane mixture pyrolysis. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 8:1044-1047 '68.
- Kuznetsov, V. G., Palkina, K. K., Roznitskaya, A. A. - Study of the system $H_2SO_4 - H_2O_2$. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:757-777 '68.
- Lisov, I. S., Sakhachenko, L. K., Oseva, I. V. - *Khim. neogr. khim.* 13 no. 2:418-418 '68.
- Makshova, D. K., Akopova, L. A. - Synthesis of glycidyl ethers of acetylenic alcohols. *Arm. khim. shur.* 19 no. 4:378-379 '68.
- Makshovich, L. M. - Crystallization with gelatin in the system $H_2SO_4 - H_2O$ at different rates of solution cooling. *Khim. prikl. khim.* 35 no. 8:1880-1886 '68.
- Mogina, A. A., Kobak, G. G. - Complexometric semi-microdetermination of sodium in water by the method of barium titration. *Uch. zap. Perm. gos. un.* no. 111:123-128 '64.
- Morozova, A. V., and others. - Study of the system $H_2O - H_2CO_3$. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:777 '68.
- Revina, T. V., Iakovlev, V. S. - Carbonization of soda solutions by carbon dioxide under high turbulence conditions. *Trudy IREK* no. 28:244-250 '68.
- Rizkin, L., Rogova, T. - Interaction of cadmium salts with sodium sulfide. *Khim. prikl. khim.* 35 no. 8:1876-1880 '68.
- Rozin, L. A., Sokolov, E. R. - System $H_2SO_4 - H_2O$. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:780-781 '68.
- Rozin, L. P., and others. - Chemical thermodynamics of complex compounds on metals. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:711-713 '68.
- Shakhmatkin, G. B., and others. - Protonic and aprotic mechanism of the polymerization initiated by potassium amide solution in liquid ammonia. *Vysokom. soed.* 4 no. 1:48-51 '68.
- Shakhmatkin, G. B., and others. - Sorption from aqueous solutions of cesium - 137 strontium - 90 and yttrium - 91 by a type-X-rayed silica in a sodium form. *Radiokhimiya* 10 no. 5:161-165 '68.
- Shvets, V. G., and others. - $Li^+ K^+ H_2SO_4 - CO_3^{2-} - H_2O$ at 25°C. *Khim. neogr. khim.* 13 no. 2:578-579 '68.
- Shvets, V. G., Lytkin, V. M., and others. - Double tungstates of potassium and rare earth elements (La - Lu). *Dokl. AN BSSR* 183 no. 1:129-131 '68.
- Takayev, T. D., Balakirev, V. V., Chetkov, G. I. - Thermodynamic analysis of three-component solid solution with spinel structure in the system manganese-iron-aluminum oxides. *Khim. neogr. khim.* 13 no. 2:603-606 '68.
- Vodrenko, V. M., Morozova, T. V., Moroz, I. K. - Synthesis of alkydres polyaddition. *Khim. neogr. khim.* 13 no. 2: 417-421 '68.
- Zelenskaya, V., Janicki, J., Valenta, E. - Production of Tufon salt from gypsum, magnesium oxide and ammonium hydrocarbonate. *Trudy AN LR, SSR, Ser. B* no. 3:55-61 '68.
- Zharav, K. F., Mikheeva, O. G. - $H_2CO_3 - H_2O - H_2O_2$ and $K_2CO_3 - H_2CO_3 - H_2O$. *Khim. neogr. khim.* 13 no. 2:640-642 '68.
- Zel'inger, V. G., Morozov, A. A., Alimovskaya, G. I. - Study of porous-structural characteristics of strontium- and aluminum-strontium silicate carriers and chromium oxide catalysts. *Azerb. khim. shur.* no. 9:76-78 '68.
- 546.4 Metals of the second group. Alkaline earths**
- Alkova, V. K., Khavropov, V. P. - Complex compounds of strontium and calcium with diisopropylmethane. *Uch. zap. Perm. gos. un.* no. 111:161-164 '64.
- Alekhov, G. I., Zakharenko, I. V., Vasilenko, G. V. - Loss of calcium compounds with a supercritical pressurized steam. *Emergentshnoye* 14 no. 7: 43-44 '68.
- Babalan, M. A., and others. - Studies in the field of diisopropyl carboxylic acid derivatives. Part 2. Some diisopropylcarboxylic esters of alkylenecarboxylic acids. *Arm. khim. shur.* 19 no. 6:434-440 '68.
- Bilimovskiy, G. M., Alimov, I. P., Tikhonova, T. V. - Determination of zinc traces in gallium arsenide by isotopic dilution using isotopic isomeric separation. *Zav. lab.* 24 no. 6:81-82 '68.
- Belikov, M. S., Danilov, L. A. - Production of calcium cyanamide in a fluidized bed of limestone (lime). *Arm. khim. shur.* 19 no. 6:483-488 '68.
- Khan, O. A., Sazonovskiy, G. N. - Intensified method for the electrolysis of cadmium. *Khim. prikl. khim.* 35 no. 8:1881-1886 '68.
- Kharitonov, I. I., Sarachanov, M. A. - Infrared absorption spectra of zinc chloride hydroxylamine complexes and normal vibrations of hydroxylamine coordinated in the form of hydroxylamine. *Khim. neogr. khim.* 13 no. 2:606-606 '68.
- Klavitskiy, I. P., Sazonov, I. M., Pektinikov, M. A. - *Izv. AN BSSR, Neorg. mat.* 4 no. 6:791-793 '68.
- Koshargin, V. P., Davydova, V. G. - Iron corrosion in alloys containing fluorides and chlorides of alkali metals and calcium. *Khim. prikl. khim.* 35 no. 8:1768-1771 '68.
- Kozlovskiy, L. S., Vladimirova, O. V. - 3-Aminocarbonyl derivatives as the reagents for inorganic analysis. *Farmatsev. shur.* 22 no. 3:33-35 '68.
- Korotchenko, I. M., Chelysheva, S. F. - Separation of indium from aluminum, zinc, and cadmium with hexamethylenediamine. *Trudy po khim. i khim. tekhn.* no. 3: 103-108 '68.
- Korotchenko, I. M., Faltsev, U. - Separation of beryllium from copper. *Trudy po khim. i khim. tekhn.* no. 3:61-65 '68.
- Korotchenko, I. M., Lazarev, V. B. - Obtaining cadmium sulfide dendrites. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:823-824 '68.
- Lisov, I. S., Koshchenko, M. A. - Removal of iron and other impurities from beryllium sulfate solutions by electrolysis with mercury cathode. *Khim. prikl. khim.* 35 no. 8:1818-1820 '68.
- Martov, I. I., Petrenko, I. K., Khakova, A. S. - Certain regularities of the resistance sensitive braising of magnesium by silver. *Svar. protsv.* no. 9:10-11 '68.
- Medynskiy, V. V., Dnistova, M. M. - Reduction of beryllium on a dropping mercury electrode. *Trudy IREK* no. 28:248-249 '68.
- Mikheeva, O. G., Kichina, V. R. - Determination of crystallization coefficient of H_2SO_4 in the system $CO_2 - H_2O$. *Radiokhimiya* 4 no. 8:807-808 '68.
- Pektinikov, M. K., and others. - Mercury in oxo by-products. *Koka i khim.* no. 11:43-48 '68.
- Rizhnikov, I. V., Mikheevskiy, A. S. - Thermodynamic analysis of reduction reactions of calcium and magnesium oxides by silicon. *Khim. prikl. khim.* 35 no. 8:1860-1861 '68.
- Rizkin, L., Rogova, T. - Interaction of cadmium salts with sodium sulfide. *Khim. prikl. khim.* 35 no. 8:1876-1880 '68.
- Roznitsin, E. M., Bratska, Kh. K. - Determination of chromium (VI) micro-impurities in cadmium sulfate by the polarographic method with preliminary concentration of the determinable substance on an electrode. *Trudy IREK* no. 28:110-113 '68.
- Safarin, M. A., Engelman, S. M., Gabrielyan, R. B. - Drying of carbonized calcium acetate in a fluidized bed. Part I. Deduction of the equilibrium equation. *Arm. khim. shur.* 19 no. 6:450-458 '68.
- Shafren, I. G., Solov'ev, M. A. - Photochemical determination of cadmium and manganese additions in chemical reagents. *Trudy IREK* no. 28:124-125 '68.
- Shvets, V. G., and others. - Experimental study of the nature of the effect of composition of silicate mixtures on relative intensity of cadmium and zinc lines in activated arc of alternating current. *Uch. zap. Perm. gos. un.* no. 111:94-95 '64.
- Valov, I. A., Pionchik, R. I. - Transfer of CO_2 in chemical transport reactions using H_2CO_3 . *Izv. AN BSSR, Neorg. mat.* 4 no. 6:701-706 '68.
- Vysokova, M. M., Likhin, A. M., Sazonova, K. A. - Magnesium $K\alpha$ as a reagent for zinc. *Zav. lab.* 24 no. 6: 828-833 '68.
- Zhdan, A. G., and others. - Crystalline structure and electroconductivity of cadmium sulfide films sprayed on oriented supporting structures. *Izv. AN BSSR, Neorg. mat.* 4 no. 6:688-690 '68.
- Zhivopletov, V. P., Chelobokova, M. M. - Titrimetric determination of cadmium and bismuth with 4-dimethylaminophenyl-4'-methylbenzylsulfonamide by cadmium and bismuth. *Uch. zap. Perm. gos. un.* no. 111:106-108 '64.
- Zhivopletov, V. P., Sazonova, K. A., Khalepala, A. D. - Extraction-photometric determination of zinc in some alloys with the application of tetraethylammonium-phenylacetylpyridylcarboxylate. *Uch. zap. Perm. gos. un.* no. 111:178-181 '64.
- Zhukova, L. A. - Effect of oxygen formation on the coprecipitation of microquantities of zinc ions during the precipitation of calcium silicate. *Dokl. TSKIA* no. 14:347-350 '67.
- Zhukova, L. A. - Study of the heterogeneous distribution of microquantities of zinc ions during the precipitation of calcium silicate. *Dokl. TSKIA* no. 14:341-345 '67.
- 546.5 Copper, silver and gold group**
- Abramova, A. A., Karapetian, A. R. - Use of the product of silver permanganate thermal decomposition for the microdetermination of carbon and hydrogen in organic compounds. *Arm. khim. shur.* 19 no. 6:184-187 '68.
- Bashkova, L. F., Kovaleva, D. M. - Cassation of small amounts of copper from lithium sulfate electrolytes by metallic indium. *Khim. prikl. khim.* 35 no. 8:1797-1801 '68.
- Dekavaga, I. I. - Investigating characteristics of pore formation in the molten electric arc welding of copper and its alloys. *Svar. protsv.* no. 9:1-3 '68.
- Gochale, L. D. - Spectral determination of copper, manganese and iron impurities in human saliva. *Trudy IREK* no. 28:179-183 '68.
- Gimrozov, V. P., Popov, S. I. A., Kogan, V. A. - Effect of adsorption conditions on the kinetics of a contact displacement of copper by iron from a sulfate ammonium electrolyte. *Khim. prikl. khim.* 35 no. 8:1791-1797 '68.
- Yakov, N. P., Kopyeva, M. A. - Atomic-absorption spectrophotometry of copper with respect to the analysis of chemical reagents and chemical substances of high purity. *Trudy IREK* no. 28:143-150 '68.

544.5 (Continued)

- Alashin, L. P., Orlovskaya, L. A., Orlov, A. E. - Study of the extraction of gold in bromine-potassium bromide solutions. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:538-544 My '84.
- Karlov, V. P., Kuznetsov, M. V. - Kinetics of the reduction of AuBr₃ by sulfite and thiosulfate ions. *Zhur. neorg. khim.* 13 no. 2:447-453 F '84.
- Konstantinov, L. A., Vladimirova, G. V. - 3-Amino-2-thio-1,4-dithiane derivatives as the reagents for mercury analysis. *Farmatsevt. zhur.* 23 no. 3:34-43 '84.
- Kurbatov, V. P., Ostapov, O. A., Kovalenko, K. M. - Chelate compounds of copper with some 8-aminoalkylketones. *Zhur. neorg. khim.* 13 no. 2:442-445 F '84.
- Markova, I. N., Petrovskaya, I. K., Khatova, A. S. - Certain regularities of the resistance reactive binding of copper with silver. *Svar. prots.* no. 9:10-11 S '84.
- Oravskiy, E. M., Tikhonov, V. M., Shapovalova, G. N. - Study of the reactions of reduction and complex-formation of gold (III), selenium (IV) and tellurium (IV). Part 2. Substitution of gold (III) with thiosulfate. *Arm. khim. zhur.* 15 no. 5:413-418 '84.
- Shtrom, S. K., Strukov, O. G. - Study of complex compounds of 1,4-dicyano-1-butene cis- and trans isomers with CuCl₂ and CuBr. *Zhur. neorg. khim.* 13 no. 3:418-441 F '84.
- Valevskiy, M. I., Chernov, K. A. - Use of vector-polarography on a stationary drop for the increase of the sensitivity of the polarographic method. Determination of bismuth, lead, copper and gold micro-impurities. *Trudy IREK* no. 25:12-13 '84.
- Valevskiy, M. I., Valevskiy, A., Khatova, A. S. - Complex formation of some sulfur-containing compounds with copper ions in diluted sulfuric acid-copper-plating electrolyte. *Trudy AN LSSR, Ser. B.* no. 3:37-43 '84.
- Varkala, A., Knyazev, J. - Catalytic oxidation of formaldehyde by oxygen on copper in alkaline solutions. *Trudy AN LSSR, Ser. B.* no. 3:3-10 '84.
- Zelenskiy, V. V. - Magnesium of substituted arylacetylenes of bromine copper. *Zhur. neorg. khim.* 13 no. 2:521-522 F '84.
- 544.6 Metals of the d-block**
- Abashkin, E. M., Barinova, I. G. - Spectrographic determination of cobalt in manganese ores. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 93-95 '84.
- Akhmedov, M. K., Akhmedov, S. R. - Study of the neodymium complex with xylenol orange. *Asarb. khim. zhur.* no. 6:134-138 '84.
- Balashov, L. P., Kuznetsov, P. M. - Determination of small amounts of copper from lithium sulfate electrolytes by metallica iodine. *Zhur. prikl. khim.* 38 no. 8:1707-1801 Ag '84.
- Berul, R. I., Vokrasanskaya, M. K. - Reaction of sodium metaphosphate with aluminum oxide. *Zhur. neorg. khim.* 13 no. 2:433-437 F '84.
- Dubavskiy, M. A., Orlov, L. S., Plotnik, G. K. - Study of highly alloyed s-type indium antimonide. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:580-584 My '84.
- Dubavskiy, M. A., Plotnik, G. K. - Superconducting of indium antimonide alloys. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:585-591 My '84.
- Dukovskiy, B. Y., Tashkov, L. V., Aliev, G. A. - Study of reaction in the systems Fe-O, Fe-O₂, Fe-O₂-FeO, FeO-Fe₂O₃-Fe₃O₄ at 100°C. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:734-737 My '84.
- Pliginskii, F. X. - Corrosion of aluminum in alkaline solutions. *Korr. i zashch. met. i mater.* no. 3:6-8 '84.
- Orlov, V. M., Chikharova, S. M., Yegorov, S. D. - Volume changes in melting and heating of gallium and indium telluride. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:678-681 My '84.
- Orlov, V. M., Tikhonova, G. S. - Separation of transition elements from rare earth elements on ion-exchange in the system ammonium phosphate-alcohol water. *Radiochimia* 10 no. 2:248-250 '84.
- Plotnikov, V. V., Plotnikov, T. V. - Kinetic regularities in the cracking reaction on disubstituted alkenes and hydrocarbons in a pulse regime. *Radiochimia* 8 no. 6:672-675 M-D '84.
- Kon'kov, O. B. - Spectrophotometric study of selenium compounds with alizarin red C. *Trudy IREK* no. 25: 164-165 '84.
- Korotkiy, I. M., Chalyshova, E. F. - Separation of indium from cadmium, zinc, and cobalt with hexamethylenediamine. *Trudy po khim. i khim. tekhn.* no. 3:133-144 '84.
- Korotkiy, I. M., Zagladinova, M. V. - Adsorption of cadmium by filter paper. *Trudy po khim. i khim. tekhn.* no. 3:186-190 '84.
- Korotkiy, I. M., Zagladinova, M. V. - Description of selenium from paper filters. *Trudy po khim. i khim. tekhn.* no. 3:190-194 '84.
- Korotkiy, V. B., Plotnik, I. A., Gorbunova, E. - Derivatives of thioxyloxy ketones as analytical reagents. Part 2. Complex formation of thioxyloxy ketones with gallium. *Izv. AN LSSR, Ser. B.* no. 4:433-437 '84.
- Kolba, V. A., Zharikov, A. V., Varshavskiy, I. B. - Isolated absorption spectra of ethylenediamine complexes of trivalent gallium. *Zhur. neorg. khim.* 13 no. 2:467-469 F '84.
- Lashkov, G. V., Shvabitskiy, A. V. - Diamagnetic susceptibility of some lanthanum selenides. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:723-727 My '84.
- Lebedev, L. A., Shalimova, A. B. - Study of the complex formation of trivalent lanthanides and actinides with ethylenediamine-bis-isopropylphosphonic acid using the electrometric method. *Radiochimia* 10 no. 2: 213-214 '84.
- Lisakov, M. I., Vlasov, A. I. - Complex compounds of rare earth metals with 1,4-dipyridyl. *Zhur. neorg. khim.* 13 no. 1:3-10 F '84.
- Makodskiy, F. D., Rastanov, P. G., Shchurov, M. G. - Reaction of indium selenides and tellurides of AlR₃ and V type. *Asarb. khim. zhur.* no. 5:117-120 '84.

- Markovskiy, I. A. - Study of the composition and thermal resistance of lanthanum selenides. *Zhur. prikl. khim.* 41 no. 4:634-637 Ap '80.
- Maslovskiy, A. I., Marina, L. I., Ushakov, V. B. - Thermodynamic analysis of the line of maximum solubility of gallium phosphide in liquid gallium. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:773-774 My '84.
- Mogrov, V. F., Khasinova, A. M., Shilanova, G. A. - Indicators of the corrosion of aluminum alloy in alkaline suspensions in the presence of oil. *Asarb. khim. zhur.* no. 5:102-104 '84.
- Partashskaya, M. E., Shadrin, I. G. - Complexometric determination of the boric substances in salts and gallium oxide. *Trudy IREK* no. 25:55-58 '84.
- Pechenkin, A. V. and others. - Magnetic properties of gadolinium and samarium selenides and tellurides. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:771-773 My '84.
- Perelomov, P. E. and others. - Behavior of trivalent cerium in oxide solutions. *Zhur. neorg. khim.* 13 no. 2:472-478 F '84.
- Pyzhevskiy, V. M. and others. - Study of the behavior of mixtures of aluminum and bismuth oxides with thallium oxide upon heating up to 1000°C. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:738-744 My '84.
- Riabchikov, D. I., Vagina, M. S., Fakhina, L. K. - Study of products of the reaction of rare earth oxides with ammonium chloride aqueous solutions. *Zhur. neorg. khim.* 13 no. 2:378-379 F '84.
- Riabchikov, D. I., Vagina, M. S., Kostov, V. G. - Solubility of cerium and dysprosium borohydrides in some acids. *Zhur. neorg. khim.* 13 no. 2:383-386 F '84.
- Rastanov, P. G., Lisakov, M. D. - Preparation of gallium nitride. *Zhur. prikl. khim.* 38 no. 8:1680-1686 Ag '84.
- Sarkisov, S. S. and others. - Study of the interaction of neodymium and titanium hydrides. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:757-759 My '84.
- Shadrin, I. G., Kon'kov, O. V., Bozhovskiy, V. F. - Unified complexometric method for the determination of the boric substances in cerium compounds. *Trudy IREK* no. 25:64-66 '84.
- Shadrin, I. G., Kuznetsov, A. V. - Determination of small amounts of nickel in alkali-ammonium alloys. *Trudy IREK* no. 25:35-41 '84.
- Shadrin, I. G., Partashskaya, M. E., Plotnik, T. I. - Complexometric determination of indium in a solid Fe-Si-Al solution. *Trudy IREK* no. 25:78-80 '84.
- Shadrin, I. G., Plotnik, A. V. - Determination of 5-10-6% iron impurity in alkali-ammonium alloys. *Trudy IREK* no. 25:41-45 '84.
- Shchegolevskiy, V. N. - Sorption from aqueous solutions of cerium-137 strontium-90 and yttrium-91 by a type-X synthetic zeolite in a sodium form. *Radiochimia* 10 no. 2:151-155 '84.
- Shchegolev, V. A., Roznitskiy, K. D. - Determination of cerium and stability constants of complex compounds of neodymium with organic ligands. *Zhur. neorg. khim.* 13 no. 2:441-448 F '84.
- Solov'yevskiy, M. E., Nivina, V. E. - Effect of plastic deformation on electrochemical properties of indium antimonide. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:775-776 My '84.
- Solov'yev, V. I., Trunov, V. K. - Double templates of potassium and rare earths. *Dokl. AN SSSR* 123 no. 1: 129-132 '84.
- Tikhonova, M. M. - Preparation of samarium phosphide. *Zhur. khim. zhur.* no. 5:129-131 '84.
- Tikhov, V. K., Makarov, E. F. - Calcination of iron and steel by the method of vaporization of aluminum under vacuum. *Zhur. prikl. khim.* 38 no. 8:1736-1738 Ag '84.
- Tikhonov, E. P., Altman, I. P., Balashov, G. A. - Ion exchange study of indium behavior in the presence of different organic acids. *Vest. Mosk. un. Ser. B: Khim.* 17 no. 4:443-444 JI-Ag '84.
- Vagina, M. S., Fakhina, L. K. - Separation of microgram quantities of Co (III) and (IV) by thin-layer chromatography. *Kav. khim.* 24 no. 4:878-880 '84.
- Vagina, M. S., Fakhina, L. K. - Study of products of the reaction of rare earth oxides with ammonium gallate solutions. *Zhur. neorg. khim.* 13 no. 2:341-343 F '84.
- Vladimirov, V. P., Kalashova, L. S. - Complexing in the system cerium-di-β-radiophenyl-β, 3-di-methylpyrazolone-β-γ-lactone. *Uch. zap. Penz. gos. un. im. M. G. Sholokhovskogo* 64.
- 544.7 Metals of the d-block, s-block, d-block groups**
- Abashkin, E. M., Barinova, I. G. - Spectrographic determination of gallium in manganese ores. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 93-95 '84.
- Alashin, L. P., and others. - Effect of organic coating on electrochemical behavior of iron. *Zhur. prikl. khim.* 38 no. 8:1738-1739 Ag '84.
- Alashin, L. P., Makov, M. M. - Extraction of a mixture of radioactive isotopes using natural naphthene acids. *Radiochimia* 10 no. 2:241-243 '84.
- Andreev, E. G. and others. - Complex formation in systems FeCl₃-HCl, FeCl₃-H₂O. *Zhur. neorg. khim.* 13 no. 2: 374-375 F '84.
- Arce, P. M., Makin, L. K. - Preparation of this method layer of sponges. *Radiochimia* 4 no. 5:118 '84.
- Arce, P. M., Chelapovskiy, I. A., Shchegolev, V. F. - X-ray study of γ-cyclodextrin-triphenylphosphine-mono-β-cyano-β-pyridyl-iron. *Zhur. struk. khim.* 7 no. 5:586-592 M-D '84.
- Balashov, M. E., Volodarskiy, T. T. - Determination of silver microamounts in the ferromagnetic films. *Izv. vuz. khim. ser. B: Khim. i khim. tekhn.* 11 no. 5:567-569 '84.
- Balashov, M. E., Lortia, M. V. - The ternary complex iron-ethylselenate-bisphosphonic acid - hydrogen peroxide. *Zhur. neorg. khim.* 13 no. 2:406-410 F '84.

- Balashov, M. A., Zelenskoy, V. V., Solov'yev, V. I. - Cyclic compounds of trivalent chromium with mixed ligands. *Zhur. neorg. khim.* 13 no. 2:478-482 F '84.
- Balashov, M. A. - Behavior of oxides during electrolytic preparation of manganese from chlorides solutions. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 31-34 '84.
- Balashov, M. A. - pH hydrate formation and buffer properties of solutions of the system MnCl₂-K₂C₂O₄-H₂O. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:36-38 '84.
- Bashorodov, M. A., Miro, N. M., Mal'nik, M. T. - Decoloration of manganese glass. *Zhur. prikl. khim.* 38 no. 8:1680-1686 Ag '84.
- Bezdakov, A. V., Shchegolevskiy, M. M., Chelapovskiy, I. A. - Structure of ZnF₂ compound. *Atom. energ.* 54 no. 4:420-421 M '84.
- Bozhovskiy, M. M., Chelapovskiy, I. P., Partashskaya, M. E. - Precipitation of manganese hydroxide from industrial nitrate solutions. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:69-71 '84.
- Borisova, L. V., Shchegolev, D. I., Lashkov, T. I. - Reaction compounds in sulfuric acid solutions in the presence of reducing agents. *Zhur. neorg. khim.* 13 no. 2:471-473 F '84.
- Brigovich, R. F., Kuznetsov, R. A. - Extraction separation of radioactive manganese from large quantities of iron. *Radiochimia* 10 no. 2:343-346 '84.
- Bryuk, A. I., Fark, Chikan, Kuznetsov, E. P. - Sodium p-(methylsulfonyl)-benzoyl sulfonate as a reagent for molybdenum. *Vest. Mosk. un. Ser. B: Khim.* 17 no. 4: 43-47 JI-Ag '84.
- Bryuk, A. I., Ivanov, V. M., Mantsava, E. L. - Spectrophotometric study of the reaction of trivalent cobalt with 4-(2-pyridylazo)-resorcinol. *Zhur. neorg. khim.* 13 no. 2:471-473 F '84.
- Chelapovskiy, I. A., and others. - Magnetic susceptibility of platinum-palladium alloys. *Atom. energ.* 54 no. 4: 421-423 M '84.
- Chelapovskiy, I. A. - Possibility of using the ultrasonic in the sintering process of ferromanganese. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:43-47 '84.
- Chelapovskiy, I. A., Chelapovskiy, E. G. - Melting temperatures and saturated vapor pressure of neopentyl tetrahydride. *Radiochimia* 10 no. 2:321-327 '84.
- Chelapovskiy, M. O., Lashkov, G. N. - Use of chlorophosphonic acid for the photometric determination of polyvalent actinide elements. Part 2: Determination of neptunium. *Radiochimia* 4 no. 5:101-104 '84.
- Chelapovskiy, M. O., Lashkov, G. N. - Use of chlorophosphonic acid for the photometric determination of polyvalent actinide elements. Part 3: Determination of protactinium. *Radiochimia* 4 no. 5:105-108 '84.
- Dalinskii, I. U. K. and others. - Behavior of nickel and platinum in alkali melts. *Zhur. prikl. khim.* 41 no. 4: 741-746 Ap '80.
- Dobrovol'skiy, T. S., Anikina, L. I. - Low-temperature luminescence spectra in a study of the role of the sintering agent in extraction recovery of hexavalent uranium. *Radiochimia* 10 no. 2:168-169 '84.
- Dobrovol'skiy, T. S., Partashskaya, M. E., Chelapovskiy, I. A. - Electrochemical activity of manganese oxides obtained from manganese carbonate ores. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:18-24 '84.
- Dobrovol'skiy, T. S., and others. - Effect of the temperature of electrode graphite on electrochemical activity of manganese oxides. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:18-24 '84.
- Dobrovol'skiy, T. S., Tikhonov, L. R., Khabibov, M. F. - Mechanism of electrochemical reduction of manganese ore by and with the transfer of its manganese into manganese sulfate. *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:24-29 '84.
- Dobrovol'skiy, T. S., and others. - A-Decay of Pu²⁴¹. *Radiochimia* 4 no. 5:118-119 '84.
- Dobrovol'skiy, M. D., Agladov, R. I., Balashov, M. A. - Production of electrolytic manganese by the anodic dissolution of phosphorus (ferromanganese). *Zhur. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 30-32 '84.
- Dobrovol'skiy, M. A., Gusev, M. Y., Kovba, L. M. - Study of the system U₂O₃-UO₂. *Radiochimia* 10 no. 2:223-224 '84.
- Dobrovol'skiy, M. A. and others. - Reaction of rhenium neopentyl with alcohols. *Zhur. neorg. khim.* 13 no. 2: 433-436 F '84.
- Yakovlev, I. U. - Effect of the addition of triphenylamine on electrolytic deposition of silver. *Zhur. prikl. khim.* 38 no. 8:1687-1690 Ag '84.
- Yakovlev, I. U., Kharachkov, L. V. - Determination of microgram quantities of phosphorus in nickel and its alloys. *Kav. khim.* 24 no. 5:938-939 '84.
- Yakovlev, I. U., Lashkov, G. S., Igamberdyeva, L. D. - Reaction of phosphorus oxychloride with molybdenum oxytrichloride and molybdenum oxytrichloride. *Zhur. neorg. khim.* 13 no. 2:387-388 F '84.
- Yakovlev, V. V., Tikhonov, E. M. - Complex compounds of trivalent iron with hydroxy acids. *Zhur. neorg. khim.* 13 no. 2:467-469 F '84.
- Yakovlev, V. V., Tikhonov, E. M. - Reaction of trivalent cobalt and nickel compounds with some hydroxy acids. *Zhur. neorg. khim.* 13 no. 2:467-469 F '84.
- Yakovlev, V. V., Tikhonov, E. M., Petrova, I. K. - Reaction of CoCl₃·4H₂O in oxalic acid solutions of uranium (IV) and cerium. *Radiochimia* 4 no. 5:111-113 '84.
- Yakovlev, A. M., Orlovskaya, M. P. - Study of equilibria in the uranyl peroxide system UO₂·H₂O - C₂H₅O₄·2H₂O. *Radiochimia* 10 no. 2:202-210 '84.
- Yakovlev, A. M., Polozheva, L. P., Gintseva, L. Y. - Complex formation in the system UO₂·H₂O - EDTA - H₂O. Part 3: Equilibria in solution. *Radiochimia* 10 no. 2:188-200 '84.
- Yakovlev, A. M., Gusev, M. A. - Complex uranyl peroxide compounds. *Radiochimia* 10 no. 2:111-121 '84.

548.7 (Continued)

- Oseeva, L. I., Tikhonova, G. S., - Separation of transition elements from rare earth elements on anion-exchange in the system ammonium rhodanide-sodium-water. *Radikhiinika* 10 no. 2:246-249 '68.
- Kudoshnikova, V. M., - Effect of the composition of silicate mixtures on relative intensity of iron and nickel lines. *Uch. zap. Perm. gos. un.* no. 11:94-96 '64.
- Khalimogorov, A. G., and others, - Macroporous anionites and the technology of molybdenum. *Tekhn. met.* 41 no. 11:73-75 '65.
- Koshargin, V. P., Davydova, V. G., - Iron corrosion in alloys containing fluorides and chlorides of alkali metals and calcium. *Khim. prikl. khim.* 36 no. 8:1798-1799 '62.
- Korotkov, M. V., Krylov, V. M., Pashchenko, M. F., - Application of cryosection in electrochemical analysis for studying polymerization and complexing of hexavalent uranium and titanium ions in aqueous solutions. *Khim. neorg. khim.* 13 no. 3:447-451 '68.
- Krebtz, D. S. U., Boshvalov, E. A., - Catalytic oxidation of H₂ acid by hydrogen peroxide in the presence of iron ions. *Trudy IRGA* no. 26:281-287 '66.
- Lolait, A. I., Kolesnikova, M. A., - Removal of iron and other impurities from beryllium sulfate solutions by electrolysis with mercury cathode. *Khim. prikl. khim.* 36 no. 8:1815-1820 '62.
- Lapshin, A. V., Khlebnikov, V. P., - Hydrochlorination of polyethylene oxides on surface. *Vest. Mosk. un. Ser. Khim.* 17 no. 4:21-23 '63.
- Lobachev, L. A., Shalimova, A. B., - Study of the complex formation of trivalent lanthanides and actinides with ethylenediamine-bis-isopropylphosphonic acid using the electromigration method. *Radikhiinika* 10 no. 2:223-228 '68.
- Loshakov, G. V., Vol'khin, V. V., - Sorption properties of manganese dioxide. *Izv. AN SSSR, Neorg. khim.* 4 no. 5:722-723 '64.
- Makalova, R. N., Potkina, V. V., - Mechanisms of extraction processes. Part 4: Solvation and hydration of uranyl sulfate in benzene solutions of ethers. *Radikhiinika* 4 no. 5:550-560 '63.
- Makul, J., Kalyta, V., - Effect of some organic additions on the absorption of hydrogen in nickel electrodeposited films. *Trudy AN Lit. BSR, Ser. B.* no. 3: 11-21 '68.
- Mikhalov, M. Kh., and others, - Structure of iodide of α -allyl- γ -hydroxy-iron. *Khim. struk. khim.* 7 no. 6: 203-206 '68.
- Moskalev, O. I., and others, - Study of electrochemical decomposition products in electrolysis of bright nickel-plating and development of the quantitative methods of their determination. *Trudy AN Lit. BSR, Ser. B.* no. 3:23-27 '68.
- Mukhomorov, E. B., Polukarov, M. M., - Electrodiffusion of hydrogen in steel through chromium coatings containing selenium. *Uch. zap. Perm. gos. un.* no. 11: 25-26 '64.
- Nadezhin, I. A., Agladina, R. L., - Stationary potentials of some manganese alloys in alkaline solutions. *Soor. i ust. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 57-63 '67.
- Nikol'skiy, V. M., and others, - Thermal decomposition of chromic anhydride and its mixtures with crystalline hydrate of iron sulfate. *Izv. vuz. khim. ser. Khim. i khim. tekhn.* 11 no. 8:1028-1033 '68.
- Nikol'skiy, L. M., Shagidjanova, G. A., - Radiolysis of triethylamine in aqueous solution. *Khim. vuz. neorg. khim.* 3 no. 8:888-890 '68.
- Nikol'skiy, M. B., Baskova, A. P., - Complex compounds of uranium hexafluoride with derivatives of alkali metals (first report). *Atom. energ.* 25 no. 5:423-423 '68.
- Opalovskiy, A. A., Baskova, A. P., - The system $\text{BF}_3 - \text{MeO}_2 - \text{H}_2\text{O}$. *Khim. neorg. khim.* 13 no. 2:222-223 '68.
- Opalovskiy, A. A., Khudolozhnik, K. A., - Molybdenum chlorotrioxides. *Khim. neorg. khim.* 13 no. 2:224-225 '68.
- Opalovskiy, A. A., Sazonov, P. P., - New method for synthesis of salts of the H_2MOH_2 type. *Khim. neorg. khim.* 13 no. 2:275-281 '68.
- Pavlov, L. V., - Uranium diffusion in titanium-molybdenum alloys. *Atom. energ.* 25 no. 5:424-424 '68.
- Polukarov, M. M., and others, - Mechanical strengthening of a bisulfite-molybdenum catalyst for oxidative aminolysis of propylene. *Radikhiinika* 8 no. 6: 894-903 '68.
- Podolskiy, B. G., - Temperature effect on the state of uranyl in nitric acid solutions. *Radikhiinika* 4 no. 4: 60-67 '63.
- Podolskiy, M. F., Kozlov, M. V., Shvachko, O. M., - Effect of the nature of elements on the extraction of uranyl sulfate by tributyl phosphate. *Radikhiinika* 4 no. 5:543-550 '63.
- Polukarov, M. M., Brakina, Kh. E., - Determination of chromium (VI) micro-impurities in calcium sulfate by the polarographic method with preliminary concentration of the detectable substances on an electrode. *Trudy IRGA* no. 26:110-113 '64.
- Polukarov, M. M., Fomicheva, T. I., Brakina, Kh. E., - Determination of chloride micro-impurities in calcium and strontium tungstates and molybdates. *Trudy IRGA* no. 26:104-109 '64.
- Roman, A. M., and others, - Effect of temperature on the extraction by butyl phosphate. *Radikhiinika* 4 no. 5:551-552 '63.
- Sakharova, A. G., - Adsorption of Fe IV on polished platinum. *Radikhiinika* 4 no. 5:553-551 '63.
- Shchegolev, I. K., and others, - Liquid-phase air oxidation of tetralin at high temperatures in the presence of trivalent manganese salts. *Radikhiinika* no. 6:808-809 '68.
- Shchegolev, I. K., and others, - Mechanism of condensation of isopropylaldehyde in electrolysis. *Khim. prikl. khim.* 41 no. 4:733-734 '68.
- Shchegolev, I. K., - The catalytic decomposition of benzaldehyde. *Vest. Lening. un.* no. 1:44-45 '68.
- Shchegolev, I. K., and others, - Oxidative dehydrogenation of α -butenes on $(\text{BiO})_2\text{MoO}_4$ and $(\text{BiO})_2\text{MoO}_4$ catalysts. *Radikhiinika* 8 no. 6:808-809 '68.
- Shchegolev, I. K., and others, - Increase in the sensitivity and reliability of phosphorus determination by the method of molybdenum blue. *Report No. 2. Trudy IRGA* no. 26:44-45 '64.
- Shchegolev, I. K., Kuznetsov, A. V., - Determination of small amounts of nickel in silico-ammonium alloys. *Trudy IRGA* no. 26:44-45 '64.
- Shchegolev, I. K., Pavlova, M. V., Titova, E. A., - Fast spectrophotometric determination of phosphorus by the method of molybdenum blue. *Report No. 2. Trudy IRGA* no. 26:44-45 '64.
- Shchegolev, I. K., Pavlova, M. V., - Determination of 5,10- O_2 iron impurity in silico-ammonium alloys. *Trudy IRGA* no. 26:44-45 '64.
- Shchegolev, I. K., and others, - Reaction of trivalent iron with sodium tripolyphosphate in aqueous solutions. *Khim. neorg. khim.* 13 no. 2:247-251 '68.
- Solov'yev, E. A., and others, - Composition and properties of cathode films formed in the electroreduction of aluminum. *Khim. prikl. khim.* 36 no. 8:1808-1811 '62.
- Spiridonov, K. P., Marinkova, V. E., Vafin, A. V., - Determination of activation energies of the reduction processes of tungsten (VI) and molybdenum (VI) on mercury cathode by the temperature-kinetic method. *Izv. vuz. khim. ser. Khim. i khim. tekhn.* 11 no. 8: 894-901 '68.
- Starik, I. K., - Analytical method of Fe³⁺ separation by extraction with methyl isobutyl ketone. *Radikhiinika* 4 no. 5:552-553 '63.
- Steganykh, A. I., Kuchina-Petlo, M. B., - Corrosion of steel and nickel-chromium alloys in the atmosphere of based chlorides. *Khim. prikl. khim.* 36 no. 8:1812-1814 '62.
- Strizhnikova, M. P., and others, - Concentration of platinum metals by ion exchange. *Zav. lab.* 34 no. 3: 918-922 '68.
- Tkachenko, V. K., Melnikov, M. F., - Colorimetric determination of iron and steel by the method of vaporization of aluminum under vacuum. *Khim. prikl. khim.* 36 no. 8:1748-1752 '62.
- Uglasev, M. M., Agladina, R. L., - Production of manganese from acid sulfate electrolyte. *Soor. i ust. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7:52-59 '67.
- Vakulovskiy, V. M., and others, - Reduction of uranyl ion by triethylamine in nonaqueous medium. *Radikhiinika* 10 no. 2:224-227 '68.
- Vakulovskiy, V. M., Koval'skiy, T. V., Ryzanov, M. A., - Formation of the second organic phase in the extraction of uranyl sulfate by solutions of triethylamine in carbon tetrachloride. *Radikhiinika* 4 no. 5:554-555 '63.
- Vakulovskiy, V. M., Koval'skiy, M. P., Shchegolev, M. A., - Extraction of hydrochloric acid and uranyl fluoride by a solution of tri-n-butylamine in benzene. *Radikhiinika* 4 no. 5:556-557 '63.
- Vakulovskiy, V. M., Shchegolev, M. A., - Sulfate salts complexes of uranyl in nonaqueous solutions. *Radikhiinika* 10 no. 2:228-231 '68.
- Vakulovskiy, V. M., Shchegolev, M. A., - Solubility of uranyl salts in ethers. *Radikhiinika* 10 no. 2: 162-166 '68.
- Vladimirov, M. G., Kuchina-Petlo, V. F., - Scale formation on iron-steel alloys in atmospheric air at high temperatures. *Khim. prikl. khim.* 36 no. 8:1741-1745 '62.
- Vladimirov, V. I., Sazonov, G. P., Pashchenko, M. F., - Complex formation of americium with neutral organic phosphorus compounds. Part I. *Radikhiinika* 4 no. 5:558-559 '63.
- Vladimirov, V. P., Chelachova, M. M., - Triatomic determination of molybdenum by means of bis-(4-dimethylaminophenyl)-antipyrilene carbonyl. *Uch. zap. Perm. gos. un.* no. 11:113-117 '64.
- Vladimirov, V. P., Chelachova, M. M., - Chemical spectral method for the determination of cobalt in nickel and its salts. *Uch. zap. Perm. gos. un.* no. 11:113-117 '64.
- Vladimirov, V. P., Parshakov, V. V., - Photometric determination of iron by diethylenetriamine. *Uch. zap. Perm. gos. un.* no. 11:113-117 '64.
- Vladimirov, A. I., and others, - Sorption of uranium (IV) by silicones adsorbents. *Khim. prikl. khim.* 36 no. 8: 1768-1773 '62.
- Zakharov, I. G., and others, - Partition chromatography on fluoroplastic-4 extraction of manganese-55 from irradiated potassium permanganate. *Radikhiinika* 10 no. 2:232-233 '68.
- Zakharov, I. G., Pavlovskiy, M. M., Prodan, M. A., - Kinetics of low-temperature dehydration of decahydrate of nickel tripolyphosphate $\text{Ni}_3(\text{PO}_4)_2 \cdot 10\text{H}_2\text{O}$ in a vacuum. *Vest. AN BSSR, Ser. Khim. i khim. tekhn.* no. 3:23-24 '68.
- Zakharov, M. V., and others, - Ammonium "microstates" and hydrolysis of uranium trioxide. *Khim. neorg. khim.* 13 no. 2:232-233 '68.
- Zakharov, M. V., Shchegolev, M. B., Novikova, A. A., - Study of porous structural special features of chromium-molybdenum oxide polymerization catalysts. *Amer. khim. ser.* no. 5:80-84 '68.

548.7 (479.23)—Oxidation of S. & R.

Agladina, R. L., and others, - Leaching of the different samples of manganese ores of Chistaya deposit. *Soor. i ust. neorg. khim. i elektrokhim. AN Gruz. SSR.* no. 7: 52-58 '67.

548.8 Metals of the fourth group, etc.

Alitkin, V. P., - Effect of powdered in vacuum and electro-deposited films of zirconium on permeability of electrolyte hydrogen through steel membranes. *Uch. zap. Perm. gos. un.* no. 11:144-145 '64.

548.9 Elements of the eighth group

Dolmatov, I. K., and others, - Behavior of nickel and platinum in alkali melts. *Khim. prikl. khim.* 41 no. 4: 741-745 '68.

Dolmatov, V. M., Kuchina-Petlo, E. L., Marinkova, E. E., - Quinoline, a reagent for a photometric-extraction determination of palladium. *Trudy IRGA* no. 26:110-113 '64.

Mikhalov, M. Kh., Gukh, S. P., Shchegolev, I. K., - Structure of α -allyl- γ -hydroxy-iron-palladium. *Khim. struk. khim.* 7 no. 6:204-207 '68.

- Kirman, B. V., Grobova, K. I. - Catalytic oxidation of sorbitol to acrylic acid in aqueous phase. *Trudy po khim. i khim. tekhn.* no. 3:10-11 '83.
- Kosorenov, I. I., Movshilova, T. S. - Alkylation of benzene with propylene on boron fluoride adsorbed by alumina. *Neftekhimiya* 8 no. 6:868-873 N-D '88.
- Lapikova, S. K., Samarsky, E. M. - Preparation of high priority methacrylate acid. *Vestnik AN BSSR, Ser. khim. nat.* no. 3:86-88 '88.
- Mamedov, T. I., Salakhova, S. I. A., Sadykh-zade, S. I. - Ionic polymerization of 3-methyl-1-butene. *Dokl. AN Azerb. SSR* 24 no. 4:36-38 '88.
- Maslov, O. D., and others. - Some syntheses based on 3-methyl-3-penten-4-ol. *Neftekhimiya* 8 no. 6:863-867 N-D '88.
- Melikhov, S. D., Lashin, M. M., Shelomenok, M. Yu. - Alkylation of o-xylene by tri- and tetraalkylamines. *Azerb. khim. shur.* no. 5:28-30 '84.
- Melikhov, S. A., and others. - Chemistry of vinylacetylene. Part 7: Separation of vinylacetylene carbonyls, acetylene homo-alcohols and their esters by thin-layered chromatography on aluminum oxide. *Arm. khim. shur.* 19 no. 3:190-203 '84.
- Mirina, O. M., and others. - Studies in the field of compounds of the diacetylene series. Part 6. Selective chlorination of diacetylene. *Arm. khim. shur.* 19 no. 3:183-184 '84.
- Nesmetanov, A. N., and others. - More on the stereochemistry of exchange reactions at olefin carbon atom. *Dokl. AN BSSR* 184 no. 1:118-121 '88.
- Ondine, M. B., and others. - Reactions of carbalkoxylation. Part No. 4. Synthesis of esters from 1-pentene, cyclohexene and methylcyclohexene by means of formic acid and saturated C₃-C₆ alcohols. *Arm. khim. shur.* 19 no. 4:200-205 '85.
- Panichkin, I. A., and others. - Catalytic activity of polyphenylacetylenes in the dehydration of dimethylvinylcarbinol. *Dokl. AN Arm. SSR* 48 no. 4:179-183 '88.
- Podgorova, V. A., and others. - Polarographic identification of intermediate products of the reaction of isobutylene and propylene with nitrogen tetroxide. *Zhur. prikl. khim.* 41 no. 4:873-877 '88.
- Poloskov, V. A., Dobrov, I. V., Lashin, S. A. - Some kinetic regularities of radiation-induced chemical oxidation of tetraalkoxyethylenes. *Khim. vys. energ.* 2 no. 4:438-443 N-D '88.
- Podolov, A. M., and others. - Reactions of aminophosphines with β -unsaturated acids. *Dokl. AN BSSR* 183 no. 1:124-128 '88.
- Podolov, A. M., Shakhmurov, A. M., Melikhov, V. I. - Condensation and (HO)-oxidation of phosphorotriphenyls. *Dokl. AN BSSR* 183 no. 1:134-136 '88.
- Postulakova, S. D., Petrov, A. A. - Structure of hydrocarbons obtained from fatty acids. *Neftekhimiya* 8 no. 6:878-880 N-D '88.
- Saidov, M. M., Abasov, A. I. - Copolymerization of ethylene with propylene in the presence of vanadium triacetylacetonate and dibutylaluminum chloride. *Azerb. khim. shur.* no. 5:44-49 '88.
- Sobriyakov, B. R., Akimova, L. S., Dalia, M. A. - Oxidative dehydrogenation of p-benzoic acid (DIO) 2 MoO₄ and Bi(MoO₄)₃ catalysis. *Neftekhimiya* 8 no. 6:836-843 N-D '88.
- Solovov, A. K., Atokov, O. G. - Study of complex compounds of 1,4-dioxano-1-butene cis- and trans-isomers with CuCl₂ and CuBr. *Zhur. neorg. khim.* 13 no. 4:438-441 '88.
- Strishnevskii, L. I. - The quality of acetylene cylinders should be improved. *Stand. i tekhn.* 33 no. 11:65 D '88.
- Sukhanov, A. G., Molkin, R. A., Voskresenskiy, A. N. - Acetylene sorption from products of oxidizing methane pyrolysis by copper chloride solutions. *Arm. khim. shur.* 19 no. 3:236-240 '84.
- Usov, I. I. N., Shvachkova, E. V., Valitov, Kh. G. - Oxidative dehydrogenation of isopropylbenzene on phosphoric acid catalysts. *Neftekhimiya* 8 no. 6:844-850 N-D '88.
- Varianian, S. A., Moravskiy, A. S., Zhamagatova, V. M. - Chemistry of vinylacetylene. Part 6. Synthesis of some new 4-piperidones from divinylketones and 4-tetrahydropyran ions. *Arm. khim. shur.* 19 no. 3:447-453 '84.
- Varianian, S. A., Toomian, A. O. - Chemistry of vinylacetylene. Part 6. Addition of chloromethyl ethers to trimethylvinylsilylamine, and some transformations of obtained chlorides. *Arm. khim. shur.* 19 no. 4:262-267 '85.
- Vodov, R. M., Popova, G. I. - Alkylation of o-xylene with propylene and isopropyl alcohol. *Neftekhimiya* 8 no. 6:864-868 N-D '88.
- Voskresenskii, V. A., and others. - Plasmification of polytetrafluoroethylene. *Zhur. prikl. khim.* 36 no. 8:1802-1803 Ag '83.
- Korabov, I. A. - Synthesis and alkaline splitting of secondary ammonium salts containing besides the 2-chloro-3-butoxy group, one, two and three β -oxyethyl groups. *Arm. khim. shur.* 19 no. 3:206-213 '85.
- 547.4 Polysubstituted acyclic compounds
- Abramov, D. M., Kryukov, B. V. - Study of the work of monocoordination pairs in heterogeneous system carbon tetrachloride - chloroform - water. *Azerb. khim. shur.* no. 5:109-111 '84.
- Bardakov, I. I., Kozlovskiy, I. V., Partovskiy, A. I. - Properties of boronyle, trifluoride, and oxaphene. *Vestnik AN BSSR, Ser. khim. nat.* no. 3:108-110 '88.
- Chernovskii, I. K. - Mechanism of toxic effect of triethylamine. *Farm. i toka.* 31 no. 6:750-753 N-D '83.
- Chirkova, M. A., Dalsenko, A. K., Pechegova, V. A. - Neutral substances of the resin of *Abies sibirica*. Part 3: Structure of diterpene cycloketone. *Khim. prirod. soed.* no. 3:68-70 '87.
- Dialova, M. M., and others. - Use of complexes for the sediments in heat and power installations. *Trudy IREK* no. 23:333-347 '88.
- Dialova, M. M., Selivestova, I. A., Dobrysha, M. A. - Use of mercury electrode in potentiometry for the determination of resistance constant of complexes. *Trudy IREK* no. 23:370-375 '88.
- Dogadits, B. A., Pavlov, M. N. - Study of the volumetric reaction in the presence of diphenylguanidine. Part 2: Thermal decomposition of diphenylguanidine and its reaction with sulfur at volumetric temperatures. *Vysokom. soed.* 4 no. 1:52-57 Ja '82.
- Galbraith, L. S., Chakala, M. A., Rogova, E. A. - Development of a new method for the preparation of colored acetyl-cellulose and acetate fiber. *Zhur. prikl. khim.* 36 no. 8:1826-1831 Ag '83.
- Gilekov, V. I., Malakhov, K. M., Stapanenko, B. M. - Conversion of 3,3',4,4'-diphenyl- β -D-fructose examined by means of nuclear magnetic resonance of high resolution. *Dokl. AN BSSR* 183 no. 6:1323-1324 '88.
- Grigorova, V. V., Tikhonov, S. M. - Complex compounds of trivalent iron with hydroxy acids. *Zhur. neorg. khim.* 13 no. 4:493-497 '88.
- Grigorova, V. V., Tikhonov, S. M. - Reaction of bivalent cobalt and nickel compounds with some hydroxy acids. *Zhur. neorg. khim.* 13 no. 2:468-470 '88.
- Grishin, A. G. - Polysubstituted of Platanus major. Part 3: Structure of deoxytrypsinic acid. *Khim. prirod. soed.* no. 3:80-83 '87.
- Isaev, R. G., and others. - Synthesis of esters of monomethylmethacrylate glycol. *Dokl. AN Azerb. SSR* 44 no. 4:118-119 '88.
- Kachinskaya, P. P., Zaitsev, M. B. - Nitroacetylation of olefins. *Usp. khim.* 37 no. 7:1243-1247 '68.
- Korshak, V. V., Rogozhin, S. V., Volkov, V. I. - Study in the field of coordination polymers. Part 6: Metal-containing polymers based on allipic dicarboxylic α,α' -dihydroxydicarboxylic and α,α' -dialkoxycarboxylic acids. *Vysokom. soed.* 4 no. 1:20-24 Ja '83.
- Kurbatova, L. I., Kozlov, A. A. - Studies in the field of compatibility of polyvinyl acetate (PVA) with cellulose diacetate (DAC). *Dokl. AN Azerb. SSR* 24 no. 4:30-36 '88.
- Lashin, M. M., and others. - Levoglucosan polyethers. Part II: Polymerization of levoglucosan in the presence of hydroxyl-containing compounds. *Izv. AN Latv. SSR, Ser. khim.* no. 4:478-480 '88.
- Mamedov, Shakhmurov, Shakhmurov, A. Z., Shakhmurov, R. G. - Study in the field of glycol ethers and their derivatives. *Azerb. khim. shur.* no. 5:95-97 '84.
- Molodtsov, L. G., Bagdasarian, R. V., Karapetian, R. A. - Kinetics of the consumption of mercaptans during emulsion polymerization of chloroprene initiated by diisobutylacetylenic acid. *Arm. khim. shur.* 19 no. 4:232-234 '84.
- Ovsepian, M. M., Tarasov, V. M., Shapovalova, G. N. - Study of the reactions of reduction and complex-formation of gold (III), selenium (IV) and tellurium (IV). Part 2: Interaction of gold (III) with thioamides. *Arm. khim. shur.* 19 no. 6:413-418 '85.
- Prokhorova, I. V., Baksanova, A. M. - Reaction of sodium chloroacetate with formamidine-sulfonic acid. *Zhur. neorg. khim.* 13 no. 2:332-336 '88.
- Rogozhin, S. V., Davydov, V. A. - Chromatographic splitting of racemates on asymmetric sorbents. *Usp. khim.* 37 no. 7:1277-1247 '68.
- Shakhmurov, A. Kh., Shakhmurov, M. K. - Synthesis based on strophthalidin. Part 2: Synthesis of 14 β -hydroxy-estrone. *Khim. prirod. soed.* no. 3:136-140 '87.
- Shakhmurov, R. I., Kazarovskiy, S. M. - Interaction of urea with ammonium salts in the presence of silicon gel. *Zhur. prikl. khim.* 36 no. 8:1843-1845 Ag '83.
- Vaiter, S., Vaiter, R., Maitland, G. - Determination of the number of carbonyl groups in mono and diketo derivatives of indole by measurement of the integral intensities of C=O bands in the infrared. *Izv. AN Latv. SSR, Ser. khim.* no. 4:436-438 '88.
- Vartanov, S. A., Darghaz, V. V. - Chemistry of unsaturated compounds. Part 2: Addition of α -haloethers to styrene and transformation of obtained γ -chloroethers. *Arm. khim. shur.* 19 no. 4:286-288 '84.
- Vartanov, S. A., Toomian, A. O. - Chemistry of vinylacetylene. Part 6. Addition of chloromethyl ethers to trimethylvinylsilylamine, and some transformations of obtained chlorides. *Arm. khim. shur.* 19 no. 4:262-267 '85.
- Veveris, A., Grinshin, V. - Quaternary-B-diketones. Part 4: Methoxy and hydroxy derivatives of quaternary-B-diketones. *Izv. AN Latv. SSR, Ser. khim.* no. 4:447-453 '88.
- Wu Mei-yea, Zhang, T., Rogova, E. A. - Synthesis of cellulose esters with methylphosphonic acid. *Zhur. prikl. khim.* 36 no. 8:1830-1834 Ag '83.
- Zhavoronko, K. A., Eroseev, B. V. - Chromatographic determination of acids in the products of a liquid-phase oxidation of cyclohexanol. *Vestnik AN BSSR, Ser. khim. nat.* no. 3:87-91 '88.
- 547.5 Cyclic (ring) compounds. Iso- or homocyclic single-ring compounds
- Abdullayev, A. G., Kalashova, G. A. - Condensation of alkyl phenols and alkyl β -naphthols with 1,2-dichloroethane. *Azerb. khim. shur.* no. 5:48-50 '84.
- Akhmedov, M. K., Aliev, S. R. - Study of the zwitterion complex with Xylomet Orange. *Azerb. khim. shur.* no. 6:134-138 '85.
- Alkopian, A. M., Shakhov, A. M. - Studies in the field of the chlorination of organic compounds and transformations of chloro derivatives. Part No. 8: Reaction and products of initiated chlorine chlorination and of its chloro derivatives. *Arm. khim. shur.* 19 no. 4:270-274 '85.
- Alkopian, A. M., Shakhov, A. M., Petrovskiy, V. A. - Studies in the field of organic compounds chlorination and transformation of chloro derivatives. Part No. 4: Dark chlorination of phenylchlorinated organic compounds initiated by phenylacetylene. *Arm. khim. shur.* 19 no. 4:267-270 '85.
- Aliev, V. S., and others. - One-step dehydrogenation of methylcyclopentane to methylcyclopentadiene over industrial catalyst K-8. *Azerb. khim. shur.* no. 5:3-8 '84.
- Arslan, A. A. - Chloromethylation of some alkoxybenzenes. *Arm. khim. shur.* 19 no. 3:238-244 '84.
- Avdonina, K. M. - Trimeric acidolysis reactions in the system cyclohexene - benzene. *Neftekhimiya* 4 no. 5:617-619 '82.
- Bebeeva, T. R., Bashirov, E. A., Akhmedov, M. K. - Study of the complex compound of europium and gadolinium with pyrocathecol violet. *Azerb. khim. shur.* no. 5:122-124 '85.
- Bardakov, I. I., and others. - Preparation of absolutely pure synthetic camphor. *Vestnik AN BSSR, Ser. khim. nat.* no. 3:111-113 '88.
- Bekbolev, A. V., Shakhov, A. L. - Studying reaction products of propylene oxidation in a solution of acetone and benzene. *Neftekhimiya* 8 no. 6:865-864 N-D '88.
- Bolotin, B. M., Brada, V. G., Krasovitskiy, B. M. - Study of the series of acetone bases. Synthesis and absorption spectra of 9-oxiranebutenes. *Trudy IREK* no. 23:310-314 '85.
- Brilkina, T. G., Shakhov, M. K., Shakhov, V. A. - Organometallic peroxide compounds. Report No. 7. *Trudy po khim. i khim. tekhn.* no. 3:57-73 '88.
- Brilkina, T. G., Shakhov, M. K., Shakhov, V. A. - Organometallic peroxide compounds. Report No. 8. *Trudy po khim. i khim. tekhn.* no. 3:74-84 '88.
- Bystrov, V. F., Lashin, V. P., Shostakovskiy, S. M. - Use of the nuclear magnetic resonance method in studying the hydrogen bond. Part 3: Association of chloroform with cyclic ethers and thioethers. *Opt. i spekt.* shor. st. 3:238-243 '87.
- Davydovskiy, I. U. A., Valitov, Kh. G. - Polarographic study of compounds containing amineoxime group II. Aldehydes produced during hydrolysis of some acetone oximes. *Trudy IREK* no. 23:328-348 '85.
- Drapkina, D. A., Brada, V. G. - General method of the synthesis of ortho-aryloxy dyes, derivatives of 8-azabenzothiazole. *Trudy IREK* no. 23:193-197 '85.
- Dziambo, V. M., Ostrovskiy, V. M. - Some methanolate formates as extraction reagents. *Trudy IREK* no. 23:291-299 '84.
- Fedorov, I. V. - Effect of the addition of triethylamine on electrolytic tin-plating of sheet iron. *Zhur. prikl. khim.* 36 no. 8:1567-1570 Ag '83.
- Garcovskiy, A. D., Ismailov, Kh. M., Olsapov, O. A. - Dipole moments of dialkylammoniumalkylsulfonates and p-alkyl phenol sulfonates. *Azerb. khim. shur.* no. 5:87-90 '84.
- Isaev, R. G., Molodtsov, L. G. - Condensation of α -bromostyrene with paraformaldehyde on the KU-8 cation exchanger. *Dokl. AN Arm. SSR* 48 no. 4:123-127 '88.
- Isaev, R. G., Molodtsov, L. G. - Kinetic regularities in the cracking reaction on fluorinated alumina and hydrofluorides in a pulse regime. *Neftekhimiya* 8 no. 6:870-878 N-D '88.
- Kachinskaya, P. P., and others. - Action of tri-substituted alkenes and chloroalkenes on vinylacetylene phenols. *Soob. AN Gruz. SSR* 51 no. 1:70-84 '78.
- Karadzharov, O. S., Shakhov, O. I., Krasovskiy, V. A. - Protective action of some polymers derivatives of pyrocathecol in the acidic polymerization by methylstyryl ketone peroxide. *Farm. i toka.* 31 no. 6:773-775 N-D '83.
- Kachinskaya, P. P., and others. - Synthesis of diethyl toluamide by the catalytic method. *Trudy TSHNDI* no. 18 pt. 3:5-18 '87.
- Kashtayna, L. A., Kibava, M. D., Romanova, K. V. - Reaction kinetics of neo coupling of quinine diastereomers with β -naphthol. *Dokl. AN BSSR* 183 no. 1:183-188 '88.
- Korshak, V. V., Rogozhin, S. V. - Composition of the reaction products of furfural with aromatic amines. *Trudy po khim. i khim. tekhn.* no. 3:507-510 '88.
- Korshak, V. V., Shakhov, I. U. A. - Special features of thermal decomposition of hexamethylenetriamine and hexamethylenetriamine sulfide. *Izv. vuz. obshch. sav. i khim. i khim. tekhn.* 11 no. 6:122-123 '88.
- Kotlov, I. F., Moshchinskaya, A. P. - Visualization of the luminescent section of the boundary layer by the method of chemical coatings. *Gidrofiz. bol. shor.* no. 4:117-121 '85.
- Kozlov, M. S., Pak, V. D., Min, K. S. - Preparation of aminophosphonic esters and studying their stability in alkaline medium. *Vestnik AN BSSR, Ser. khim. nat.* no. 3:113-118 '88.
- Kozlov, M. S., Movshilova, T. S. - Alkylation of benzene with propylene on boron fluoride adsorbed by alumina. *Neftekhimiya* 8 no. 6:868-873 N-D '88.
- Kreshchinskii, S. D., Boshchevskiy, M. A. - Catalytic oxidation of H₂ acid by hydrogen peroxide in the presence of iron ions. *Trudy IREK* no. 23:354-357 '84.
- Kuliev, A. M., and others. - Synthesis and some transformations of p-bromonitrophenol. *Azerb. khim. shur.* no. 5:77-79 '85.
- Liberman, A. L., Yarnes, D. B. - Frontal variant of the thiocyanate method for isolating stereoisomeric dialkylcyclohexanes. *Neftekhimiya* 8 no. 6:821-827 N-D '88.
- Lipina, T. G. - Chromatographic separation of phenols. *Trudy po khim. i khim. tekhn.* no. 3:111-115 '84.
- Lashin, M. M., Bolotin, M. A., Shakhov, O. B. - Production of borontrifluoride of diene compounds from amines of the benzene series. *Trudy IREK* no. 23:349-350 '85.
- Lashin, M. M., Petrova, G. S. - Solfoarsenase isomer. *Trudy IREK* no. 23:227-233 '84.

547.8 (Continued)

- Mel'nikov, V. P., Shashkov, V. A., Klimova, V. A. - Hydrolytic decomposition of peroxide compounds. Report No. 3. *Trudy po khim. i khim. tekhn.* no. 3-41-42 '63.
- Mamakov, Shamil, Shikhanovskaya, A. K., Mamsharov, R. G. - Study in the field of glycol ethers and their derivatives. *Azerb. khim. zhur.* no. 8:36-37 '63.
- Yur'yanov, M. A., and others. - Synthesis of solid alkyl aromatic hydrocarbons. *Azerb. khim. zhur.* no. 6:11-12 '63.
- Mamsharov, M. A., Mamsharova, S. M., Akhmedov, M. G. - Study of the solution of polymers in hydrocarbons. *Azerb. khim. zhur.* no. 8:40-41 '63.
- Mirgaliyeva, E. I., Tarasova, V. A. - On the catalytic isomerization of pentamethylene hydrocarbons. Report No. 3. *Trudy po khim. i khim. tekhn.* no. 4:49-50 JI-Ag '63.
- Murinov, I. A., Shikhanovskaya, A. K., Kiselev, S. K. - Studying the association of aromatic hydrocarbons by the cryoscopic method. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Mamsharov, V. P., Borodina, E. S., Babits, E. P. - Solubility of propylene in aromatic hydrocarbons. *Trudy IREK* no. 19:171-172 '63.
- Mamsharov, V. P., Shashkov, V. A., Shashkov, V. A. - Hydrolytic decomposition of peroxide compounds. Report No. 3. *Trudy po khim. i khim. tekhn.* no. 3-41-42 '63.
- Mamsharov, V. P., Shashkov, V. A. - Hydrolytic decomposition of peroxide compounds. Report No. 4. *Trudy po khim. i khim. tekhn.* no. 3-50-51 '63.
- Makhtiev, S. D., and others. - Alkylation of toluene with isobutylene in the presence of synthetic aluminum alkyls. Makhtiev, S. D., and others. *Azerb. khim. zhur.* no. 6:14-19 '63.
- Makhtiev, S. D., and others. - Oxidizing anisotropy of α -xylene and its mixtures with α -toluenesulfonic acid. *Azerb. khim. zhur.* no. 8:73-74 '63.
- Mirzayev, Q. R., Shukh, V. D., Yarburov, M. I. - Some derivatives of trimethyl acid. *Khim. prikl. khim.* 41 no. 4:111-113 Ap '63.
- Makhtiev, S. D., and others. - Effect of chloroform dimers on the process of isomerization of this. Part 2. *Arm. khim. zhur.* no. 1:184-185 '63.
- Mokhata, D., and others. - Study of molecular decomposition products in electrolytic light nickel-plating and development of the quantitative methods of their determination. *Trudy AN LIT. SER. D.* no. 1:13-17 '63.
- Mirzayev, M. M., Abdullayev, M. G. - Synthesis of the esters of the acid form of trisacetylthioamide. *Azerb. khim. zhur.* no. 8:46-47 '63.
- Ordina, M. B., and others. - Reactions of carbonylation. Part 1. Synthesis of esters from β -ketones, cyclohexane and methylcyclohexane by means of formic acid and saturated C₂-C₄ alcohols. *Arm. khim. zhur.* no. 4:280-286 '63.
- Petrova, E. G., Kuznetsov, M. M. - Polycondensation of diethylsuccinates. *Azerb. khim. zhur.* no. 6:60-61 '63.
- Buravskiy, G. A., Mironovskaya, E. V., Dolozov, V. A. - Peroxide organometallic compounds of thallium and some of their reactions. *Dokl. AN SSSR* 183 no. 6:143-145 '63.
- Ribakovskiy, M. I., Delozis, B. M. - Study of infrared spectra of α -methylsuccinylsuccinates and a number of other compounds with a hydrogen bond. *Trudy IREK* no. 18:223-227 '63.
- Pastukovich, O. V., Iudin, A. V. - Study in the field of polyhydroxyethylene crystallization. Report No. 3. *Izv. vuz. khim. tekhn.* no. 1:13-17 '63.
- Sogomonyan, B. M., Belikova, M. M., Chel'kova, O. A. - Studying the kinetics of the reaction of benzoyl peroxide with triethanolamine in dimethylformamide in the presence of oxygen. *Arm. khim. zhur.* no. 1:13-17 '63.
- Selezneva, V. I., Shilov, R. A., Korjak, M. B. - Steric factors in the isomerization of substituted carboxylic acids. *Dokl. AN SSSR* 183 no. 6:143-145 '63.
- Markov, A. V., Kabanov, V. I., Kabanov, E. P. - Method of preparation of diethyl succinate of fatty and aromatic acids. *Trudy TERN* no. 18 no. 5:2-8 '67.
- Stepin, D. D., Rykova, L. M. - Thermal curve in the system rubidium thiocyanate-cyclohexanone-water at 25°. *Trudy IREK* no. 18:244-246 '63.
- Terezhnev, A. P., Baid, V. V., Bakhtina, E. G. - Studies in the series of olefin polymers. Part 3: Some polymers of 3,5'-methylen-bis-methyl alkyls with metals. *Vysokom. soed.* 4 no. 1:18-24 JI '63.
- Tumazova, M. K., Kuznetsova, L. V. - Reaction kinetics of triethylcarbinol with hydrogen peroxide. *Trudy po khim. i khim. tekhn.* no. 3:110-112 '63.
- Virtanen, E. A., Daugherty, F. V. - Chemistry of unsaturated compounds. Part 2. Addition of α -haloethers to styrene and transamination of obtained γ -chloroethers. *Arm. khim. zhur.* no. 4:286-288 '63.
- Vladimirov, V. - Synthesis of β -aminoalkyl ketones of the A-2-cyclohexene series. *Trudy AN LIT. SER. D.* no. 1:13-17 '63.
- Volyn, E. M., Pogore, G. I. - Alkylation of α -xylene with propylene and isopropyl alcohol. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Yur'yanov, V. V., Babits, E. K. - Spectroscopic investigation of the hydrogen bond between N-phenylurethane molecules in carbon tetrachloride solution. *Trudy po khim. i khim. tekhn.* no. 3:278-279 '63.
- Zelinskaya-Vasilevskaya, M., and others. - Some regularities of anion-cation decomposition depending on electrolytic conditions. *Trudy AN LIT. SER. D.* no. 1:13-17 '63.

Eryova, S. K., Shashkov, V. V. - Oxidation of 3,5-dihydroxy-4-methoxyphenol in meth. *Khim. prikl. khim.* 36 no. 8:1071 Ag '63.

547.8 Polymers (continued) Isoprene compounds

- Andrianov, K. A., and others. - Heat-resistant polymers based on polyisoprene bisphenols and chloroformalanes. *Sov. AN Gruz. SSR.* 51 no. 1:181-184 JI '63.
- Begrit, K. I., and others. - Stereochemistry of methyl-methyl-4,4'-diisopropylidene. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Botnikov, M. I., Gindberg, M. G. - Equilibrium of the reaction of destructive hydrogenation of diphenyl. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Botnikov, M. I., Gindberg, M. G. - Study of thermal destructive hydrogenation of diphenyl. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Chen, G., Rother, Y., Ostaja, V. - Condensation of diisopropylidene acid chlorides with compounds containing active methylene groups. Part 1: 8-chloro-1,3-bis-isopropylidene and its derivatives. *Izv. AN Latv. SSR. Ser. khim.* no. 4:466-470 '63.
- Krasnaya, S. M., Kabanov, V. A. - Fluorescence of anisotropic dyes in alcohol solutions. *Teor. i eksp. khim.* 4 no. 6:847-849 M-D '63.
- Gel'm, L., and others. - C-alkylation of 1,3-indanone and 1,3-paraphthalone. *Izv. AN Latv. SSR. Ser. khim.* no. 4:466-470 '63.
- Gusev, M. M., and others. - Synthesis of isopropenyl-substituted biphenyl. *Dokl. AN Azerb. SSR* 24 no. 4: 10-11 '63.
- Isakov, M. P., Larzhanova, M. P. - Spectrophotometric determination of β -nitrophenol in samples of high purity α -nitrophenol. *Trudy IREK* no. 18:223-227 '63.
- Kharoshin, V. G., and others. - Synthesis of some 1,3-diketones and chloroform. *Izv. vuz. khim. tekhn.* 41 no. 4:111-113 Ap '63.
- Korshak, G. B. - Spectrophotometric study of anion-dimer compound with nitro red C. *Trudy IREK* no. 23: 144-146 '63.
- Krotov, A. E., Otkhramov, A. E. - Quantitative determination of thymine in an industrial product. *Khim. prikl. khim.* 36 no. 8:1071-1072 Ag '63.
- Lavrenko, V. A., Karpov, V. V., Krotov, A. E. - Nitrophenylthymine derivatives in drying acetate silk and synthetic fibers. *Khim. prikl. khim.* 36 no. 8:1071-1072 Ag '63.
- Molisev, V. V., Gusev, M. G., Shashkov, V. M. - 3-Aryl-1,3-indanone as a species of olefin transfer. *Dokl. AN SSSR* 183 no. 6:143-145 '63.
- Murashov, S. A. - Content of 3,4-isopropenyl in the air of the large industrial centers of Kazakhstan. *Trudy Kazakh. nauch.-issled. inst. khim. tekhn.* 3:46-48 '67.
- Papova, G. M., and others. - Hydroperoxides and nitro-polymerized based on polyisoprene bisphenols. *Sov. AN Gruz. SSR.* 51 no. 1:181-184 JI '63.
- Shukh, V. D., and others. - Liquid-phase air oxidation of tetralin at high temperatures in the presence of bivalent transition metal salts. *Metallurgiya* 8 no. 6:964-967 M-D '63.
- Shukh, V. D., and others. - Synthesis of β -nitrophenol. *Khim. prikl. khim.* 36 no. 8:1071-1072 Ag '63.
- Vasilev, M. A., Prodanov, V. A., Chel'kova, O. A. - Fluorescence excitation by ultraviolet light in an aqueous-salt medium. *Khim. prikl. khim.* 41 no. 4: 103-107 Ap '63.
- Vorobey, A., Gindberg, V. - Gindberg-B-diketones. Part 1: Alkylation and hydroxy derivatives of isopropenyl-bisphenols. *Izv. AN Latv. SSR. Ser. khim.* no. 4: 447-453 '63.
- 547.8 Heterocyclic compounds
- Avetis, A., and others. - Formation of volatile acids during vapor-phase oxidation of furan compounds on vanadium catalysts. *Izv. AN Latv. SSR. Ser. khim.* no. 4: 447-453 '63.
- Begrit, A. N., Vodenikov, K. A. - Determination of methylthiopyranol in the preparation of furfural from different pentosane-containing raw materials. *Izv. AN Latv. SSR. Ser. khim.* no. 4:471-473 '63.
- Belikova, M. V., Kabanov, V. I., Prodanov, V. A. - Synthesis of 2-methyl-3-nitro-4-methoxymethyl-5-oxo-2-thiopyranol. *Khim. prikl. khim.* 36 no. 8:1071-1072 Ag '63.
- Chel'kova, L. I., Shukh, V. D. - Synthesis of some 4,7-derivatives of 3,5-dimethylbenzimidazole. *Vestn. AN SSSR. Ser. khim. tekhn.* no. 3:104-107 '63.
- Drygin, D. A., Bruch, V. G. - General method of the synthesis of ortho-xylylene dyes, derivatives of 2-amino-benzimidazole. *Trudy IREK* no. 18:223-227 '63.
- Delozis, V. M., Kabanov, V. I., Markovskiy, I. S. - Quinazolinone, a reagent for photoelectric extraction determination of palladium. *Trudy IREK* no. 18:223-227 '63.
- Gel'm, L., Korshakov, M., Vassilov, G. - Condensation of 8-ethyl isopropylidene with phenols. *Izv. AN Latv. SSR. Ser. khim.* no. 4:471-473 '63.
- Khoshnood, L. M. - Chemistry of isopropenyl. *Usp. khim.* 37 no. 1:133-137 JI '63.
- Khoshnood, S. A. - 4-Thiopyranol derivatives containing the isopropenylidene acid hydrazide radical. *Khim. farm. zhur.* 5 no. 1:133-137 JI '63.
- Korshakov, V. V., Kabanov, M. I., Shashkov, V. A. - Tetra-, penta-, and hexamethylene-bis-pyridine-2-thiopyranol. Distribution of π -electron density and relative octane-101 activity. *Dokl. AN SSSR* 183 no. 1: 134-136 '63.
- Korshakov, V. I., Furel, L. I. - Formation of negative ions in reaction of electron with molecules of some heterocyclic compounds. *Teor. i eksp. khim.* 4 no. 6: 847-849 M-D '63.

- Korshakov, V. V., Kabanov, M. I., Kabanov, V. A. - Synthesis and study of polybenzimidazopyranol derivatives containing ether bonds in the main chains of macromolecules. *Dokl. AN SSSR* 183 no. 6:143-145 '63.
- Krot, A. N., Iudin, L. G., Chel'kova, O. A. - Stereoselective formation of pyrrolones and pyridine ring in Fischer's synthesis (new synthesis of α -carbamal). *Dokl. AN SSSR* 183 no. 1:133-135 '63.
- Kushnir, L. M., Kabanov, V. A. - Chemical structure of acrolein, a sesquiterpene lactone from *Stemona palobella* Fisch. *Khim. - farm. zhur.* 5 no. 1:133-135 JI '63.
- Makhtiev, S. D. - Effect of the antagonists of acrolein and monomeric inhibitors on the antidiabetic action of acrolein. *Pharm. i toka.* 21 no. 6:72-73 M-D '63.
- Mamsharov, L. A., Leonova, T. M. - Reaction of pyridine tetramines of divalent platinum with nitric acid. *Dokl. AN SSSR* 183 no. 1:133-135 '63.
- Makhtiev, S. D., and others. - Amino acids and pyridine derivatives of isopropenyl. Part 3: Synthesis and properties of α -methylpyridine analogs. *Khim. prikl. khim.* no. 6:100-102 '67.
- Pilkin, S. H. - Use of oxo-, methyl- and acetoacetaldehyde for differentiation of purine bases. *Khim. prikl. khim.* 41 no. 4:111-113 Ap '63.
- Prodanov, V. A., Kabanov, V. I., Vassilov, G. I. - Synthesis and reduction of carbazole 3-ethoxyethers. *Izv. vuz. khim. tekhn.* 41 no. 4:111-113 Ap '63.
- Radi, M. S., Panarin, M. F. - Synthesis of benzimidazole polymer salts. *Khim. - farm. zhur.* 5 no. 1:133-135 JI '63.
- Ragova, L. S., Gilev, A. P. - Antidiabetic properties of some isopropenyl amines. *Biol. eksp. med.* 63 no. 10:122-123 O '63.
- Shashkov, V. V., Kabanov, L. A. - Possibility of conversion of pyridine derivatives to acrolein analogs. *Vestn. AN SSSR. Ser. 3: Khim. i khim. tekhn.* 17 no. 4:70-72 JI-Ag '63.
- Shashkov, V. V., and others. - Synthesis of pyridine-4-oxides. *Khim. - farm. zhur.* 5 no. 1:133-135 JI '63.
- Shashkov, V. V., Shilov, R. A., Korjak, M. B. - Steric factors in the isomerization of substituted carboxylic acids. *Dokl. AN SSSR* 183 no. 1:133-135 JI '63.
- Shashkov, V. V., and others. - Stability and kinetics of disappearance of anion radicals of the nitrobenzene series. *Teor. i eksp. khim.* 4 no. 6:774-779 M-D '63.
- Shashkov, V. V., Kabanov, L. M., Kabanov, V. A. - Quinazolinone. Part 3: Synthesis and properties of β -amino- β -quinazolinone. *Khim. - farm. zhur.* 5 no. 1:133-135 JI '63.
- Shashkov, V. V., and others. - Effect of 8-fluorinated on the development of immunological response to albumin and corpuscular antigens. *Pharm. i toka.* 21 no. 6:72-73 M-D '63.
- Virtanen, E. A., Markovskiy, A. E., Chel'kova, O. A. - Chemistry of isopropenyl. Part 6. Synthesis of some new 4-piperidones from diisopropenyl and 4-tetrahydropyran ions. *Arm. khim. zhur.* 19 no. 4: 447-453 '63.
- Zelinskaya, M. A., and others. - Study of isopropenyl and isopropenyl activity of some copolymers of vinyl pyridine. *Vop. khim.* 13 no. 4:181-186 JI-Ag '63.
- Khoshnood, S. A., Kabanov, V. I., Kabanov, V. A. - Reaction of isopropenyl with esters and amides of monobasic acid. *Khim. prikl. khim.* 36 no. 8:1071-1072 Ag '63.
- 547.8 Natural substances (of unknown composition)
- Abdullayev, M. M., Kabanov, V. I., Kabanov, V. A. - Synthesis of oligonucleotides catalyzed by phosphatase from *Ascomyces*. *Mol. biol.* 1 no. 2: 307-312 Mr-Apr '67.
- Akhmedov, U. A., Kabanov, V. I., Chel'kova, O. A. - Study of carboxylic acid complex in different alcohols. *Khim. i biol. tekhn.* 18 no. 4:80-81 '63.
- Akhmedov, U. A., and others. - Increasing the resistance of myocardium to an acute hypoxia by means of glutathione. *Pharm. i toka.* 21 no. 6:72-73 M-D '63.
- Angarova, M. A., Kabanov, V. I., Kabanov, V. A. - Comparative evaluation of the cardiotonic effect of some carboxylic glycosides from Far-Eastern *Corallaria* L. *Pharm. i toka.* 21 no. 6:72-73 M-D '63.
- Angarova, M. A., Kabanov, V. I., Kabanov, V. A. - The rate of pigments in photodegradation of polyisoprene. (Part 1: Effect of a pigment of yellow color). *Trudy AN LIT. SER. Ser. D.* no. 1:133-135 JI '63.
- Avetis, A., and others. - Phosphorylation of carboxylic acids and amino acids under the effect of α -diisopropylphosphates. *Khim. prikl. khim.* no. 6: 100-102 '67.
- Bakhtina, E. G. - Synthesis of protein and RNA in the liver in rabbits following hemorrhage. *Biol. eksp. med.* 63 no. 10:122-123 O '63.
- Bakhtina, E. G., Chel'kova, O. A., Kabanov, V. A. - Preparation of outline without use of acetate and phosphates. *Sov. AN Gruz. SSR.* 51 no. 1:181-184 JI '63.
- Bakhtina, E. G. - Elaboration rate of conditioned reflexes and restoration of cerebral RNA following the introduction of homologous RNA of trained rats. *Khim. vuz. tekhn.* 16 no. 6:100-102 M-D '63.
- Bruch, V. G., and others. - Isolation and physicochemical properties of RNA T1 bacteriophage. *Mol. biol.* 1 no. 2: 307-312 Mr-Apr '67.
- Bruch, V. G., Bakhtina, E. G., Kabanov, V. A. - Modification of RNA by glyoxal. *Mol. biol.* no. 3:114-115 '63.
- Bruch, V. G., Kabanov, V. I., Kabanov, V. A. - Relationship between the density and structural-molecular properties of collagen complex of the skin and gel glycosaminoglycans. *Dokl. AN SSSR* 183 no. 6:143-145 '63.
- Domashenko, V. M., Kabanov, R. D. - Formation of organic acids in the process of glucose utilization by *Basidiomycetes*, *Basidiomycetes* and *Pichia*. *Izv. AN Kazakh. SSR. Ser. biol.* 6 no. 5:171-173 O '63.
- Drygin, V. V., and others. - Isolation of anionogenic RNA-synthesizing from chloroplasts their purification and properties. *Mol. biol.* 1 no. 2:310-312 Mr-Apr '67.

647.9 (Continued)

- Drevich, V. F., and others. - Isolation of denatured DNA regions by means of modification with water soluble carbodiimide and subsequent enzymic hydrolysis. *Mol. Biol.* 1 no. 3:246-248 Mr-Apr '67.
- Drozdova, M. M., and others. - Reversible photooxidation of bacteriophage by ultraviolet. *Dokl. AN SSSR* 183 no. 1:221-224 '68.
- Elizman, M. Kh., and others. - Study of the solubilization of essential oils. *Farmatist* 17 no. 4:111-113 Ji-Ag '68.
- Olyshin, G. S., Kozlovskaya, M. V. - Flavonoids of *Hydrangea cuneata*. *Khim. prirod. soed.* no. 3:128-130 '67.
- Gorshov, M. L., and others. - Study of the substances, constituents of essential oils. Part 18: Synthesis of α -phenylisopropylamine. *Khim. prirod. soed.* no. 3:121-123 '67.
- Qurbiyoh, A. M., Dzhilich, G. I. - Change of the rate of synthesis of antibodies and non-specific γ -globulin in the rabbit spleen after primary and secondary immunization. *Mol. Biol.* 1 no. 3:275-287 Mr-Apr '67.
- Kalashnikov, L. M., Kaveranova, M. D. - Chemical characterization of cytoplasmic globulins. *Mol. Biol.* 1 no. 3:224-230 Mr-Apr '67.
- Khachatryan, M. A., Dogadova, M. P. - Effect of natural ions on amino acid photolysis. *Zhur. struk. khim.* 7 no. 6:828-834 S-O '68.
- Kobosov, G. V., Troitskiy, G. V. - Conformation of β -lipoproteins of human blood. *Mol. Biol.* 1 no. 3:202-213 Mr-Apr '67.
- Koshchik, M. K., and others. - Mechanisms of radiolysis of aqueous solutions of cellulose, malic acid, and glucose. *Khim. vys. energ.* 3 no. 6:846-851 M-D '68.
- Krasnitskaya, T. V., Ryabinina, V. O., Oshchuk, V. - Modification of the rate of carrying out of hydrolysis during the determination of tryptophan and hydroxytryptophan in meat. *Mikro. ind.* 558R, 30 no. 10:11-13 D '68.
- Kokhtarev, L. L., Bezzubov, V. D., Biliak, A. L. - Structure of chlorophyll and its metal derivatives. *Zhur. struk. khim.* 13 no. 4:444-454 F '68.
- Kukhar, V. P., Khodoseva, I. A. - Effect of carotenoids and retinoids on nucleic acids. Report No. 8: Relationship between DNA and sarcosine. *Tsitologiya* 10 no. 10:1313-1318 O '68.
- Lavitskiy, L. B., Tronov, M. A., Ilusman, M. Kh. - Method for obtaining the wool wax alcohols. *Farmatist* 17 no. 3:24-27 '68.
- Mamchur, M. D., Lashin, V. P. - Effect of ethylenediamine on the change of cerebral vessel tone caused by sarcosine. *Farmatist* 17 no. 4:271-274 M-D '68.
- Mel'nikov, A. A., and others. - Comparative character studies of histones of the thymus, liver, and kidneys in rats. *Vest. LGU* no. 31:144-148 M '68.
- Mel'nikov, V. G., Nikogorov, M. A. - Effect of chlorophyll on the process of autooxidation of fats. Part 20. *Arm. khim. zh.* 19 no. 3:24-28 '68.
- Masyrova, M. D. - Physicochemical analysis of cholesterols and cholesterol esters. *Izv. vuz. khim. tekhn.* 11 no. 9:1037-1039 '68.
- Mel'nikov, A. A., and others. - Amino acids and peptide derivatives of nucleic acids. Part 3: Synthesis and properties of α -methylhistidine analogs. *Khim. prirod. soed.* no. 3:108-110 '67.
- Nikogorov, L. Kh. - Study of the cytological activity of flavonoids from *Helioscopia scabra* DC. *Trudy Len. khim.-farm. inst.* 19:78-79 '68.
- Pavlov, A. A., Martynov, A. V. - Change of the function of adrenal cortex during the introduction of diethyl, papaverine and their combinations. *Farmatist* 17 no. 3:199-202 M-D '68.
- Reznova, G. D. - Spectrophotometric study of the secondary structure of nucleic acids in nucleoproteins. *Vop. virus.* 13 no. 4:380-388 Ji-Ag '68.
- Salo, V. M., Mikhaleva, L. B. - Incompatibility of alkaloids and synthetic organic bases. *Zhur. struk. khim.* 13 no. 10:104-104 '68.
- Savitskiy, M. P., and others. - Splitting of phosphates bound during the hydrolysis of nucleosides (5')-N-amine acids. *Khim. prirod. soed.* no. 3:121-124 '67.
- Savitskiy, M. P., Mel'nikov, A. A. - Quantitative determination of nucleoside phosphates. *Pril. biokhim. i mikrobiol.* 4 no. 4:444-448 Ji-Ag '68.
- Savitskiy, I. U. P., Syrtsova, L. A. - Possibility of conversion of pyrimidine derivatives to pyridine amino acids. *Vest. Mosk. un. Ser. 3: Khim.* 17 no. 4:70-73 Ji-Ag '63.
- Simosov, V. V., Riechenko, N. I., Poterany, A. M. - Study of DNA thermal denaturation in the presence of formaldehyde by means of differential spectrophotometry. *Mol. Biol.* 1 no. 3:297-301 Mr-Apr '67.
- Smirnova, E. F., Koshchik, M. K. - Antibacterial properties of the essential oil extracted from the roots of *Origanum hispidum* Berk. *Trudy Len. khim.-farm. inst.* 19:220-240 '68.
- Tarakanov, I. A., Khachatryan, M. A., Abadov, A. A. - Effect of streptokinase, K-K-streptokinase and oltaridine on the glycolysis and macroergic phosphorus content in myocardium of rats. *Farmatist* 17 no. 6:488-497 M-D '68.
- Vedov, A. A., and others. - Contribution to the theory of helix-coil transition in DNA. *Mol. Biol.* 1 no. 3:213-218 Mr-Apr '67.
- Vakhov, V. A., Koshchik, M. K., Martynov, L. P. - Process of pyrolysis of chlorogenic acid. *Mol. Biol.* 1 no. 3:44-48 '68.
- Zaritskiy, G. M., Bandukova, V. A., Stankovskiy, A. L. - Quercetin diglycosides from *Quercus agrifolia* L. *Khimi. - farm. zh.* 2 no. 12:12-13 D '68.

647.9 (471.26) - Pskov Province
Mikhaleva, L. B., and others. - Materials for the study of certain folk medicine remedies of Pskov Province. *Trudy Len. khim.-farm. inst.* 19:220-230 '68.

648 CRYSTALLOGRAPHY

- Abdullayev, G. K., Mansurov, Kh. S. - Mg-diborate $Mg(BO_3)_2 \cdot 4H_2O$ as metastable member of the system $H_2O - H_2O_2 - H_2O$. *Zhur. struk. khim.* 7 no. 6:856 M-D '68.
- Agre, V. M., Shagala, E. A., Rutitskiy, M. O. - Structure of aluminosilicates with central - sulfur bonds. Part 1: Crystallographic data for some aluminosilicates of bivalent metals. *Zhur. struk. khim.* 7 no. 6:857-860 M-D '68.
- Antipova, T. V., Simosov, V. V., Chernov, V. A. - X-ray diffraction study of aluminum oxide samples activated by boron fluoride. *Vest. Mosk. un. Ser. 3: Khim.* 17 no. 4:23-25 Ji-Ag '63.
- Avellan, R. L., Chapovskiy, I. U. A., Shadrin, I. U. Y. - X-ray study of α -cyclopentadienyl-triphenylphosphine-monomerboron- α -phenyl-iron. *Zhur. struk. khim.* 7 no. 6:860-862 M-D '68.
- Baklan, S. G., Mel'nikov, A. V., Markovskiy, M. S. - Crystallographic study of K_2SO_4 crystals. Part 1: Recrystallization of K_2SO_4 precipitates. *Radikalnaya* 4 no. 4:131-133 '67.
- Baklan, S. G., and others. - X-ray study of cesium oxalate CsO_4 . *Zhur. struk. khim.* 7 no. 6:861-864 M-D '68.
- Belitskiy, V. S., Belitskaya, M. A. - Effect of the orientation of quartz crystals during their growth time on the shape and size of rhombohedron faces. *Mikro. ind.* 558R, 30 no. 4:400-403 '67.
- Bell, G. R., Kravchuk, V. B. - Crystallographic classification of borates. *Zhur. struk. khim.* 7 no. 6:865-877 M-D '68.
- Brusilovskiy, P. A., Rabash, A. M. - Program of the calculation of values $\sin^2 \theta / \lambda$ and factors of polarization and Lorentz LP on Al α -K α range. *Zhur. struk. khim.* 7 no. 6:878-879 M-D '68.
- Bukharov, V. V., Karakhan, T. A. - New data on quartz crystallography. *Trudy Inst. geol. Khim. AN SSSR* no. 9:171-172 '68.
- Burkina, V. L. - Computation formulas for structural factors and their derivatives in the case of anisotropic thermal oscillations. *Dokl. AN SSSR* 183 no. 6:1216-1218 '68.
- Davidenko, I. V. - Relation of structural imperfections in quartz to the conditions of crystallization. *Mikro. ind.* 558R, 30 no. 4:400-403 '67.
- Demchenko, E. A., Polshakov, I. U. A., Valpota, A. A. - Production and some properties of As_2S_3 single crystals. *Izv. AN SSSR, Mekh. mat.* 4 no. 3:177-178 My '68.
- Dmitriyev, V. V., Solov'yev, S. P. - Dynamic polarization and losses in ferroelectric substances. *Zhur. struk. khim.* 7 no. 6:884-885 My '68.
- Dmitriyev, G. I. - Real structure, reactivity, and long-range action of crystalline surfaces. *Izv. AN SSSR, Ser. Fiz.* 23 no. 6:1044-1048 Je '68.
- Mel'nikov, A. A. - Crystallization of a binary alloy forming a solid solution. *Lav. mat. nauk.* no. 4:113-114 '68.
- Mel'nikov, A. A. - Crystallization of binary metallic alloys. *Lav. mat. nauk.* no. 4:113-114 '68.
- Pederos, M. S. - X-ray study of fluoride films on silicon. *Izv. vuz. khim. tekhn.* 11 no. 9:1041-1043 '68.
- Isakov, I. V. - Crystal structure of arylamides. *Zhur. struk. khim.* 7 no. 6:886-890 M-D '68.
- Kamenskaya, L. E. - Effect of the temperature of quartz crystallization on the entry of a structural impurity of aluminum. *Mikro. ind.* 558R, 30 no. 4:400-403 '67.
- Kharlamov, I. U. A., Savitskiy, M. L., Belov, M. V. - Structural properties of CaF_2 crystals. *Zhur. struk. khim.* 7 no. 6:891-894 M-D '68.
- Kharlamov, I. U. A., Belov, M. V. - Crystal structure of fluorite CaF_2 . *Zhur. struk. khim.* 7 no. 6:895-896 M-D '68.
- Korotkiy, M. D., Lashin, V. P. - Obtaining cadmium antimonide derivatives. *Izv. AN SSSR, Mekh. mat.* 4 no. 3:177-178 My '68.
- Kozlov, M. S., Tsvetkov, M. M. - Catalytic synthesis of benzimidazole derivatives. *Vest. AN SSSR, Ser. Khim. tekhn.* no. 3:173-175 '68.
- Kozlovskiy, E. G., Shagala, E. A. - Some problems of experimental studies in mineralogical crystallography. *Mikro. ind.* 558R, 30 no. 4:400-403 '67.
- Lashin, V. P., Mel'nikov, A. A., Mel'nikov, V. S. - Some crystal-chemical and genetic peculiarities of mixed-layer silicates. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Lysak, L. I., Polshakov, I. U. M., Vovk, I. A. M. - Low-temperature X-ray unit for single crystals. *Zav. zh.* 24 no. 6:221-223 '68.
- Mikhaleva, L. B., Koshchik, M. K. - Determination of crystallization coefficient of CaF_2 in the system CaF_2 - H_2O . *Radikalnaya* 4 no. 4:131-133 '67.
- Mikhaleva, L. B., and others. - Structure of iodide of α -cyclopentadienyl-iron. *Zhur. struk. khim.* 7 no. 6:897-898 M-D '68.
- Mikhaleva, L. B., Oshchuk, S. P., Shadrin, I. U. Y. - Structure of α -cyclopentadienyl-palladium. *Zhur. struk. khim.* 7 no. 6:899-901 M-D '68.
- Mikhaleva, L. B., Koshchik, M. K., Koshchik, V. A. - Free effect in gallium antimonide monocrystals grown by the Chokhralskiy method. *Izv. AN SSSR, Mekh. mat.* 4 no. 3:177-178 My '68.
- Mikhaleva, L. B., Poterany, I. M., Sofia, I. A. - Use of the nuclear quadrupole resonance method in studying synthetic niobate ($AgNbO_3$). *Dokl. AN SSSR* 183 no. 1:80-82 '68.
- Mikhaleva, L. B., and others. - Some characteristics of the [110] prism formation of synthetic corundum crystals grown by the hydrothermal method. *Zap. Vses. min. ob.-va Ser. 3.* 97 no. 3:376-377 '68.
- Mikhaleva, L. B., and others. - Absorption spectra of Mn^{2+} ions in $KMnF_6$ and $KMnF_6$ crystals with perovskite structure. *Ukr. fiz. zh.* 13 no. 5:661-666 Je '68.
- Mozik, I. U. E., Mel'nikov, A. A. - Calculation of the coefficients of secondary extinction for spherical shape crystals. *Zhur. struk. khim.* 7 no. 6:899-901 M-D '68.

- Pakhomov, V. I., Khalgorodskiy, A. I. - The structure of crystals $trans-C_6H_5-CH=CHCl$. *Zhur. struk. khim.* 7 no. 6:900-903 M-D '68.
- Prizantsev, L. A. - Oriented growth of quartz crystals on feldspar. *Mikro. ind.* 558R, 30 no. 4:403-407 '67.
- Radetskiy, R. O. - Relation of the problem of the crystallography of natural sulfides to the problem of ore formation and the role of mathematical methods in mineralogical crystallography. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Resolution of the All-Union Interdepartmental Conference on Problems of Mineralogical Crystallography. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Romashenko, O. V., Udin, A. V. - Study in the field of polyhydric crystallization. Report No. 2. *Izv. vuz. khim. tekhn.* 11 no. 9:1041-1043 '68.
- Rudakovskiy, B. F. - Study of the morphology of quartz from forest soils from the aspect of facies analysis. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Shadrin, I. U. Y. - Statistical distribution of minerals by synagony systems. *Zap. Vses. min. ob.-va Ser. 3.* 97 no. 3:376-377 '68.
- Shadrin, I. U. Y., Bartnovskiy, O. O., Solov'yev, A. V. - Radiation annealing of "primary" γ -defects in single crystals of di-amine and triglycine sulfates. *Ukr. fiz. zh.* 13 no. 5:661-666 Je '68.
- Solov'yev, V. V. - Energy of the formation bond in group AII-BVI crystals. *Izv. AN Mold. SSR.* no. 11:54-58 '63.
- Sokolova, I. U. A., Atovmyan, L. O., Poretskiy, M. A. - X-ray structural study of dihydroxyquinone dione. *Zhur. struk. khim.* 7 no. 6:904-906 M-D '68.
- Strobel, S. A. - Formation of twin crystals of diamond. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Tatarskiy, V. B. - Composition of series of flat nets parallel to various faces of a crystal. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Troitskiy, G. V., Koshchik, M. K. - Structure of FeO_2 . *Zhur. struk. khim.* 7 no. 6:907-907 M-D '68.
- Vasilevskiy, F. R., Ust'-Kachkovskiy, V. P. - Study of polymorphism by high-frequency method. *Ukr. fiz. zh.* 13 no. 5:661-666 Je '68.
- Khachatryan, M. A., and others. - Crystal structure and electroconductivity of cadmium sulfide films sprayed on oriented supporting structures. *Izv. AN SSSR, Mekh. mat.* 4 no. 3:177-178 My '68.
- Zorin, P. M., and others. - Program for energy calculation of intermolecular interaction in crystals by means of the electronic computer "Boris". *Zhur. struk. khim.* 7 no. 6:904-906 M-D '68.

- 648.4 Crystal lattices. Irregularities, inclusions, dislocations
Bar'chuk, V. G., Savitskiy, M. A., Tarasenko, V. V. - Effect of dislocations on the line width of uniform ferromagnetic and antiferromagnetic resonances. *Zhur. struk. khim.* 7 no. 6:907-907 M-D '68.
- Dar'kovskiy, L. M. - Kerr effect in trigonal and hexagonal crystals. *Dokl. AN SSSR* 183 no. 3:129-131 Mr '68.
- Demchenko, E. A., Avetisyan, V. L. - Effect of piezoelectric oscillations of a crystal lattice on the intensity of X-ray diffraction peaks. *Izv. AN Arm. SSR. Fiz.* 2 no. 6:301-307 '67.
- Polshakov, I. U. A., Valpota, A. A. - Some characteristics of the motion of dislocations in $MnCl$ single crystals. *Izv. AN Mold. SSR.* no. 11:54-58 '63.
- Savitskiy, M. L., Troitskiy, G. V., Oshchuk, S. P. - Interaction of dislocations with grain boundaries. *Izv. AN SSSR, Ser. Fiz.* 23 no. 6:1044-1048 Je '68.
- Shadrin, I. U. Y. - Effect of directed deformations on dipole-active excitation levels. Determination of Coulomb long-range action. *Izv. AN Mold. SSR.* no. 11:54-58 '63.
- Solov'yev, V. V. - Correlation between the structures of H_2 type edge absorption and the equilibrium edge excitation and the line structure of the photoeffect in crystals. *Izv. AN Mold. SSR.* no. 11:54-58 '63.
- Vasilevskiy, F. R., Vasilev, M. M. - Distortions of the crystal lattice in ordered metal-antimony alloys. *Dokl. AN SSSR* 183 no. 6:1216-1218 '68.
- Zaitsev, R. O. - Effect of dislocations on superconductivity. *Zhur. struk. khim.* 7 no. 6:904-906 M-D '68.

648 MINERALOGY

- Demchenko, E. A., and others. - Nature of pink-colored calcite. *Zap. Vses. min. ob.-va Ser. 3.* 97 no. 3:377-380 '68.
- Dobrov, B. S., Kpel'baum, M. R. - X-ray diffraction action of the composition of calcium hydroxylaluminosilicates. *Izv. AN SSSR, Mekh. mat.* 4 no. 3:177-178 My '68.
- Dmitriyev, V. V., Koshchik, M. K. - Methodology for the determination of pH and Mn concentrations of vitreous quartz. *Zap. Vses. min. ob.-va Ser. 3.* 97 no. 3:377-380 '68.
- Pederos, A. D. - Interstitial form on the study of asbestos in England. *Zap. Vses. min. ob.-va Ser. 3.* 97 no. 3:381-384 '68.
- Tatarskiy, V. B., Mikhaleva, L. B. - Some aspects in the study of the surface of particles of nickel iron of the Si_3N_4 -Al $_2$ O $_3$ system. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.
- Kharlamov, I. U. A., Belov, M. V. - Crystal structure of fluorite CaF_2 . *Zhur. struk. khim.* 7 no. 6:895-896 M-D '68.
- Korytkova, M. M., Pederos, A. D., Mikhaleva, L. B. - Synthesis of fibrous amphibole on the basis of olivine recrystallization under hydrothermal conditions. *Dokl. AN SSSR* 183 no. 6:1216-1218 '68.
- Kovalenko, L. A., Shadrin, I. U. Y., Kal'tsev, M. V. - Kinetics of water-vapor adsorption on granulated zeolites. *Teor. osnovy khim. tekhn.* 2 no. 4:880-874 M-D '68.
- Lashin, V. P., Mel'nikov, A. A., Mel'nikov, V. S. - Some crystal-chemical and genetic peculiarities of mixed-layer silicates. *Mikro. ind.* 558R, 30 no. 4:437-440 '67.

540 (Continued)

- Lebedev, V.I., Kotov, M.V., Shirov, V.A. - Catalytic role of water in the processes of dehydration of minerals containing hydroxyl under pressure. Dokl. AN SSSR 143 no. 1:129-131 '83.
- Mironov-Stashova, J., Padern, K., Gorova, M. - Genetic significance of calcite-manganese anhydrite and calcite-ferromanganese dolomite. Min. sbor. II no. 4:282-283 '87.
- Muraviev, N.M., and others. - Vashchuk-Arsenic granulite. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:323-321 '88.
- Muraviev, V.G. - What a textbook on mineralogy for teachers colleges should be like. Vop. geol. geol. i krut. ved. no. 3:23-25 '88.
- Nikolov, P.L., and others. - Some characteristics of the [110] prism formation of synthetic corundum crystals grown by the hydrothermal method. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:316-317 '88.
- Petrov, V.F. - Petrographic determination of minerals and the regions of their mixing by the tribes of the period of primitive agriculture in the southwestern U.S.S.R. Kret. nauk. inst. arkh. no. 10:50-58 '87.
- Polushkina, A.P., Sidorenko, O.A. - Malachite is to be considered as a definite mineral species. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:321-324 '88.
- Ponomarev, L.F. - Mechanical properties of crystalline silicates produced industrially. Min. sbor. II no. 4:44-48 '87.
- Prizhichikov, L.A. - Oriented growth of quartz crystals on talc. Min. sbor. II no. 4:403-407 '87.
- Rafailovich, R.O. - Realization of the problem of the crystallography of natural sulfides to the problem of ore formation and the role of mathematical methods in mineralogical crystallography. Min. sbor. II no. 4:388-392 '87.
- Rodionov, B.F. - Study of the morphology of quartz from forest soils from the aspect of facies analysis. Min. sbor. II no. 4:375-382 '87.
- Sergaev, V.M. - Importance of the study of the internal structure of mineral individuality. Min. sbor. II no. 4:407-410 '87.
- Shafiro, L.G., Bushanova, L.A. - Reversible diffraction method for the determination of the total of grain-equivalents of heavy metals (impurities in reagents). Trudy IZRA no. 26:7-11 '88.
- Shafirovskii, I.I. - Statistical distribution of minerals by crystal systems. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:342-344 '88.
- Shapiro, K.A., Karov, K.G., Kalikova, V.V. - Yungasite oxide complex compounds. Zhur. neorg. khim. 13 no. 3:477-479 '88.
- Shchegolev, D.P., and others. - "Vladivostok," a new native borate. Dokl. AN SSSR 193 no. 2:1482-1484 '88.
- Shchegolev, T.V., Khalapina, O.B., M.I., L.P. - Sodium hydroxide obtained in the system Na₂O-FeO₂-SiO₂-H₂O. Zhur. neorg. khim. 13 no. 3:334-341 '88.
- Yokar, M.L., Kravtsov, E.P. - Effect of negative temperatures on the physical state and properties of asbestos. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:373-375 '88.
- Zakharova, V.N. - Use of the method of selective staining of talc. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:371-373 '88.
- 540(324)—Mountains of Europe
- Kochetkov, O.G., Khlybov, V.V. - Mineralogy of geochemistry of ancient weathering surfaces on bauxites in the northern part of the Timan Ridge. Trudy Inst. geol. Komi ILAN SSSR no. 9:92-100 '88.
- 540(471, 51)—Murmansk Province
- Gorobashenko, G.L. - Zircon as one of the criteria of the primary nature of rocks of granulite formation of the Kola Peninsula. Dokl. AN SSSR 143 no. 1:166-168 '83.
- 540(471, 52)—Tumov Province
- Timofeev, V.D., Pishchikova, V.F. - Molybdenite from the Tumov region. Ber. geol. no. 10:112-113 O '88.
- 540(477)—Ukrainian S.S.R.
- Litvin, A.L. - Amphiboles from Yeliseyevsk in the region of the Sea of Azov. Min. sbor. II no. 4:308-310 '87.
- 540(477, 53)—Donets Basin
- Dvornikov, A.G., Tikhonova, N.G. - Characteristics of the distribution and composition of iron silicates from the coals of the Donets Basin. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:323-325 '88.
- 540(477, 54)—Western Ukraine
- Obimov, M.P. - Aofalagado-natural forms of sulfur and iron and bismuthosity of rocks of the Polynesian series of the Ukrainian etc.-Carpates region. Min. sbor. II no. 4:308-314 '87.
- 540(479, 54)—Azerbaijan S.S.R.
- Adzhiev, R.W., Anisimov, Dzh.A. - Find of pectolite in the Lesser Caucasus. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:382-387 '88.
- Belimirov, K.S. - Textures and structures of ores of the Kadak ore deposit. Dokl. AN Azerb. SSR 24 no. 4:26-40 '88.
- 540(571)—Austria R.F.S.R.
- Dzhurina, V.M., Korotkiy, I.A. - Behavior of formative in the supergiant zone of complex metal deposits (western Transbaikalia). Zap. Vses. min. ob-va Ser. 3. 97 no. 3:371-388 '88.

Sannikov, M.S., Denchov, V.I. - Kalsilite from the Murmansk alkali massif (Barren Siberia). Zap. Vses. min. ob-va Ser. 3. 97 no. 3:371-388 '88.

540(571, 54)—Bakhal Province

Zakhar, A.V. - Recent formation of some manganese minerals on Krasnoyarsk Volcano in Kamchatka Island. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:373-388 '88.

540(571, 55)—Chukotka National Area

Ponomarev, V.O. - Varieties of one of the gold ore deposits of the western part of the Chukotka Peninsula. Izv. vyz. otdel. sav., geol. i razv. II no. 4:145-147 Ap '88.

540(574)—Kazakh S.S.R.

Khairbay, A.I., M. - Pyrite and its ferruginous variety from the deposits of the Aktau region (central Kazakhstan). Zap. Vses. min. ob-va Ser. 3. 97 no. 3:348-358 '88.

540(575, 1)—Dzhuk S.S.R.

Dmitriyevskiy, N.A., Lidar, V.V., Roshchinskii, V.M. - Lead-bearing jaspers from the Ustamysy deposit. Zap. Vses. min. ob-va Ser. 3. 97 no. 3:323-342 '88.

Vasilev, M.M., Mironovskiy, O.A. - Characteristics of the special distribution of clay minerals in Cretaceous sediments of the Permian intermontane depression. Vest. LGU 23 no. 2:73-78 Ja '88.

55 GEOLOGY AND COLLATERAL SCIENCES METEOROLOGY

550.3 Geophysics

- Afanasiev, M.L. - Automatic data processing system in ionospheric studies. Geofiz. sbor. no. 13:43-50 '88.
- Antoshin, K.I. - Knowledge of the complex nature of subterranean and geophysical data. Inform. bil. Mikhv. beofiz. kom. no. 8:133-134 '84.
- Balashov, V.O., Krivobok, K.I. - Comparison of Fritze's methods of harmonic analysis for 50- and 52-day series of observations of tidal changes of gravity. Inform. bil. Mikhv. beofiz. kom. no. 6:88-94 '84.
- [Catalog of publications received by the World Data Center B. Longitudes and latitudes. Seismology. Gravity. Upper mantle] Kat. publ. Mir. teosia. den. B. Del. i str. Selen. Gravit. Verkh. mant. nos. 15-34 Ja-D '88; no. 15 Ja-D '87.
- [Catalog of publications received by the World Data Center B. Upper mantle] Kat. publ. Mir. teosia. den. B. Verkh. mant. Svodnyi vypusk Ja '84-Je '86.
- Chubov, O.P. - Mass budget of the glaciers on the islands of the southwestern Atlantic according to the IGY studies. Geofiz. sbor. no. 13:34-35 '88.
- Dorosh, L.I., Pionsev, I.A. - Use of electronic computers in processing data on cosmic ray variations. Geofiz. sbor. no. 13:36-44 '88.
- [Geophysics] Ruk. khim. i Geofiz. no. 13 D '88.
- Drigalov, S.R., Flann, M.L.A. - International conference on low temperature physics. Geofiz. sbor. no. 13:42-45 '88.
- Krasavskiy, A.B. - Migration describing heat transfer in a porous medium by a percolating liquid. Geofiz. sbor. no. 13:12-23 '88.
- Kurgan, A.Kh. - Sessions of the Meteorology and Oceanography Sections at the Eleventh Pacific Ocean Congress. Geofiz. sbor. no. 13:24-33 '88.
- Koshelov, I.U.P. - Variation of the potential air temperature on the tropopause level and air exchange between the troposphere and the stratosphere. Geofiz. sbor. no. 13:13-18 '88.
- Lukashin, N.A. - Meeting of the International Committee of Heat Flow. Geofiz. sbor. no. 13:19-19 '88.
- Mondulskiy, O.A., Prokh, L.Z. - Effect of the stratification of the temperature and humidity of the air in the surface layer of the atmosphere on the radiation index of radio waves. Inform. bil. Mikhv. beofiz. kom. no. 6:104-108 '84.
- Petrov, G.V. - Seventh All-Union Conference on the Cosmological Geophysics Field and Paleogeophysics. Geofiz. sbor. no. 13:18-21 '88.
- Rukavishnikov, N.A. - Methods for studying the temperature dependence of the thermal parameters of rocks. Ruk. AN Gruz. SSR. 81 no. 100-73 Ji '88.
- Sytkova, M.V. - Charts not requiring knowledge of the zero field level for the interpretation of gravity anomalies from two-dimensional bodies of regular shape. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:73-78 '87.
- Vorobeykov, E.A., Rastanov, R.L., Tagiev, M.M. - Some geothermal data on the Balkhash series in the Karakum, Kyta-Pushkayev-More field. Neftogaz. geol. i geofiz. no. 18:18-23 '88.
- Zakharov, K.M., Radnikov, A.P. - Curve of growth for a comet by the lines of neutral titanium. Inform. bil. Mikhv. beofiz. kom. no. 8:102-108 '84.

540(574)—European U.S.S.R.

Balashov, O.V., Dolan, I.U.I., Rapoport, M.S. - Some results of the overall geological and geophysical studies of complex-structure granulite massifs of the Elbrus-Komarovskiy group. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:43-50 '87.

Vagstad, D.S. - Prediction of geophysical studies in the Bial Iron ore deposits. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:51-56 '87.

540(575)—European U.S.S.R.

Aleksandrov, V.V. - Observations of electric and magnetic fields on the northwestern shores of Lake Ladoga. Vest. LGU 23 no. 2:121-128 S '88.

550.34 Seismology

- Anisimov, R.O., Mararov, A.G. - On the stochasticity of seismic resistance. Dokl. AN Azerb. SSR 24 no. 4:169-171 '88.
- Khalilov, N.I., Alakshashvili, V.M. - Coded registration of the blast moment in seismic studies. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:67-73 '87.
- Khalilov, N.I., Mironovskiy, E.A., Dvornikov, M.M. - Study of the Mikhovitskiy discontinuity in the case of discrete continuous systems of the observation of deep seismic sounding. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:27-30 '87.
- Pashkevich, G.I., Verbitskiy, T.Z. - Ultrasonic profile on a constant base on a stratified section model. Inform. bil. Mikhv. beofiz. kom. no. 8:127-142 '84.
- 550, 34(234)—Mountains of Europe
- Khalilov, N.I., Mironovskiy, E.A., Odnor, V.V. - Possibility of the study by seismic prospecting distances on the earth's crust in the Ural. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:21-28 '87.
- Mironovskiy, E.A., Khalilov, N.I. - Nature of the Mikhovitskiy discontinuity in the Ural. Geofiz. sbor. Inst. geofiz. UFA AN SSSR no. 8:17-20 '87.

550, 34(477, 6)—Donets Basin

Andreev, R.I. - Use of complex processing of data from seismic drilling for paleogeographic analysis. Ber. geol. II no. 5:130-133 O '88.

550.4 Geochemistry

Mironov, G.A., Shchegolev, M.F. - Determination of a rare earth elements in natural apatite using the method of luminescence. Trudy Inst. geol. Komi ILAN SSSR no. 9:182-186 '88.

550, 4(234)—Mountains of Europe

Belikov, V.V., Krasavskiy, K., Arsenov, M.V. - Physical properties of chlorites of quartz veins in the subarctic Ural Mountain region. Trudy Inst. geol. Komi ILAN SSSR no. 9:81-91 '88.

Osipov, V.G., Ivanova, T.L. - Effect of metamorphism on the distribution of minor elements in sedimentary metamorphic rocks in the northern part of the Timan Ridge. Trudy Inst. geol. Komi ILAN SSSR no. 9:120-123 '88.

Tushkin, M.P., Fikshan, M.V., Goldin, B.A. - Type-observed and characteristics of the behavior of isoprot elements in zircons of igneous rocks of the subarctic Ural Mountain region. Trudy Inst. geol. Komi ILAN SSSR no. 9:143-153 '88.

Tushkin, M.P., Mal'kov, B.A. - Fluorine in megacrysts and megacrystoids of the northern part of the Timan Ridge. Trudy Inst. geol. Komi ILAN SSSR no. 9:123-125 '88.

Kalinin, M.P. - Characteristics of the geochemistry of rare metal elements in granulites of the southern part of the Pechora Ural. Trudy Inst. geol. Komi ILAN SSSR no. 9:130-134 '88.

Kalinin, M.P., Pashkov, V.M. - New data on the geology and rare metal metallogeny of rocks of the Ural in the upper Pechora basin. Trudy Inst. geol. Komi ILAN SSSR no. 9:140-148 '88.

Koshelov, O.G., Khlybov, V.V. - Mineralogy of geochemistry of ancient weathering surfaces on bauxites in the northern part of the Timan Ridge. Trudy Inst. geol. Komi ILAN SSSR no. 9:101-108 '88.

550, 4(474, 5)—Lithuania S.S.R.

Bagdonavichus, I., Paulikavicius, G. - Geochemical regionalization of landforms and biogeochemical characterization of Lithuanian landforms. Part II. Practice in the mapping and classification of geochemical facies in a hilly-mountain relief. Trudy AN L.A. SSR. Ser. B no. 1:153-153 '88.

550, 4(476)—White Russia S.S.R.

Lokshin, K.L., Kuznetsov, V.A. - Scientific and practical significance of geochemical studies of Quaternary sands of the territory of Belorussian SSR. Vest. AN SSSR. Ser. khim. nav. no. 3:89-92 '88.

550.5 Practical and applied geology. Fieldwork. Prospecting

Alekseyev, F.A., Tikhonova, M.L. - Studying the nature of junction zones in the D₂ and D₃ productive sediments of the Homskhskiy field using the method of well logging by gamma-ray spectrometry. Geol. nefte i gas 12 no. 3:43-45 D '88.

Baryshnikov, I.A. - Use of aerial elastic prospecting by the method of a grounded long cable in prospecting and mapping studies. Vest. LGU 23 no. 2:127-128 S '88.

Bogdanov, A.I. - Ways to increase the effectiveness of geophysical operations in searches and prospecting for oil and gas. Geol. nefte i gas 12 no. 12:10-17 D '88.

Dlad'kin, I.G., Starikov, V.M., Zhukova, F.Kh. - Solution of a direct problem of neutron-gamma logging by the Monte Carlo method. Neftogaz. geol. i geofiz. no. 18:40-41 '88.

Prizhichikov, L.A. - Asymptotes of curves of logging for thin layers. Izv. vyz. otdel. sav., geol. i razv. II no. 4:108-107 Ap '88.

Grokhovskiy, G.A. and others. - Dynamic characteristics of the leading wave over a vertical contour based on modeling data. Izv. vyz. otdel. sav., geol. i razv. II no. 4:108-104 Ap '88.

Maglikov, I. - Contribution of geology in the national economy. Pross. Arma. 19 no. 8:82-83 '88.

550.8 (Continued)

Meier, V.A., Makhmetyev, V.B., Krotkov, M.L. - Results of testing X-ray radiometric logging in tin ore deposits. *Vest. LGU* 23 no. 11:81-86 B '68.

Mozukhina, O.A. - Study of refractive index stratification during the selection of optimal conditions for radio surveying measurements. *Trudy Kish. politekh. inst.* no. 7:82-84 '87.

Olofinboba, V.N. - Stimulating media of flint resistance. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:108-113 Ap '88.

Ovanesov, G.P. - Ways to increase the efficiency of geological exploratory operations in the petroleum production industry. *Geol. nefti i gaza* II no. 13:1-9 D '88.

Podpashova, T.V. - Geological conference on increasing the efficiency of geological prospecting operations in the petroleum production industry. *Geol. nefti i gaza* II no. 13:85-87 D '88.

Polubinskii, A.S., and others. - Geological and economic grounds for selecting the base horizon for the exploration of oil and gas fields. *Geol. nefti i gaza* II no. 13:38-39 D '88.

Polubinskii, L.A., and others. - First results of automatic processing of the materials of controlled directional sensitivity method using the AOB-1 unit. *Neftgaz. geol. i geofiz.* no. 10:20-24 '88.

Rogachevskii, I.A., Spivakov, Y.P., Miga, V.I. - Effectiveness of geological prospecting on limestone deposits. *Trudy Kish. politekh. inst.* no. 7:43-46 '87.

Smirnov, V. - "Seismic eye" is searching for petroleum. *Neftskik* 13 no. 10:35-37 O '88.

Sokolov, Kh.G. - Regional oil-prospecting features in salt-dome areas. *Geol. nefti i gaza* II no. 11:68-69 M '88.

Timashov, V.A. - Possible method of the energy calculation of the sequence of the separation of silicates in nature. *Zap. Vses. nauch. obshch. S. S. S. R.* 97 no. 3:377-381 '88.

Ushov, S.B., Pashkov, A.S. - Correlation of static and dynamic strain indices of rocks as determined by large scale probing of rock massifs. *Gid. strol.* 30 no. 11:22-27 M '88.

550.8(470)—European U.S.S.R.
Albel, S.P. - Regionalization of the U.S.S.R. according to conditions of carrying on hydrogeochemical prospecting for ore deposits. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:48-50 Ap '88.

550.8(471.11)—Mendeleev National Area
Dmitriyev, V.A. - Problems of prospecting for the large deposits of oil and natural gas in the Komi A.S.S.R. and the Mendeleev National Area. *Probl. Razv.* no. 18:98-100 '87.

550.8(471.13)—Komi A.S.S.R.
Krasov, A.I.A. - Commentary of the drilling of the first oil prospecting well in the Uzhitsa region. *Geol. nefti i gaza* II no. 11:8-10 M '88.

Polubinskii, V.A. - Problems of prospecting for the large deposits of oil and natural gas in the Komi A.S.S.R. and the Mendeleev National Area. *Probl. Razv.* no. 18:98-100 '87.

550.8(471.48)—Astrakhan Province
Seifullin, M.I., Makhmetyev, R.D., Shereshevskaya, G.A. - Oil and gas resources in northern edge zone of the Caspian syncline. *Neftgaz. geol. i geofiz.* no. 6:10-17 '88.

550.8(471.6)—Northern Caucasus
Mazurov, A.G. - Expeditions in using geochemical methods of prospecting in the high mountain regions of the Northern Caucasus on the basis of the geochemistry of the karstic waters. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:87-91 Ap '88.

550.8(471.8)—Chechen-Ingush A.S.S.R.
Yalalov, V.D., Merkulov, M.M., Merkulov, A.V. - Prospecting for oil and gas in the Chechen-Ingush A.S.S.R. *Neftgaz. geol. i geofiz.* no. 10:18-13 '88.

550.8(477)—Ukraine S.S.R.
Lobed', M.B., Kaledin, G.L., Kravchenko, G.M. - Devonian structural stage of the Dnieper-Donets graben (the southern border zone). *Neftgaz. geol. i geofiz.* no. 6:20-23 '88.

Polubinskii, V.M., Kanitska, A.L. - Use of gravity prospecting in underground mines of the Krivoy Rog Basin. *Inform. sbul. Miskvid. beofis. kom.* no. 6:163-165 '84.

Ponomarev, T.Y. - Determining the porosity on the basis of the resistivity of the penetration zone in the Dnieper-Donets Lowland. *Neftgaz. geol. i geofiz.* no. 6:23-26 '88.

550.8(477.6)—Donets Basin
Andreeva, R.I. - Use of complex processing of data from seismic drilling for paleotectonic analysis. *Sov. geol. i razv.* II no. 10:120-123 O '88.

550.8(477.8)—Western Ukraine
Bapchik, I.A., Shannikova, V.I. - Methodology of the study of electric prospecting for brines and potassium salts in the cis-Carpathian region. *Inform. sbul. Miskvid. beofis. kom.* no. 6:143-145 '84.

550.8(477.9)—Crimea
Kivitski, M.K., Merkulov, V.I. - Review and some basic results of seismic prospecting in the Crimea. *Neftgaz. geol. i geofiz.* no. 10:6-10 '88.

550.8(478)—Moldavia S.S.R.
Khalilshin, A.I.A., Trandaflova, E.F. - Late Silurian and Early Devonian sediments of Moldavia, a new objective for oil and gas prospecting operations. *Neftgaz. geol. i geofiz.* no. 6:3-8 '88.

550.8(479)—Caucasus and Transcaucasia
Makhmetyev, O.M., Khalikov, M.I.U., Khalilshin, A.I. - Characteristics of the geological structure of the Krasnodar-Dnieper Island zone and conditions governing the formation of oil and gas pools. *Sov. geol. i razv.* II no. 11:115-123 O '88.

550.8(471)—Arakhs R. S. S. R.
Albel, S.P. - Regionalization of the U.S.S.R. according to conditions of carrying on hydrogeochemical prospecting for ore deposits. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:48-50 Ap '88.

550.8(471.11)—Kazakhstan S.S.R.
Kazakhstan, V.P. - Problem of prospecting for large deposits rich with phosphorites in Siberia. *Trudy VSEGEI* 148:2-14 '88.

550.8(474)—Kazakhstan S.S.R.
Kotziba, O.D. - Interpretation of reflection-seismic data in the region of the southern Kzylzay gravity maximum. *Neftgaz. geol. i geofiz.* no. 6:34-38 '88.

Lapshov, G.P. - Some aspects of the geochemistry of underground waters of central Kazakhstan. *Vest. LGU* 23 no. 12:78-84 Je '88.

550.9 Geological time and age measurement
550.9(471.3)—Baik Sea, with Galla
Darrivis, A.L., Markova, M.G., Shchegolev, L.R. - Control of the geological evaluation of the age of ancient littoral formations of the Baik Sea according to C¹⁴ data. *Dokl. AN SSSR* 182 no. 6:1387-1390 '88.

551 General geology. Meteorology. Climatology. Stratigraphy
Activity of the Geological Section of the Moscow Mineralogical Society. *Bul. MOIP, Old. geol.* 43 no. 3:123-138 My-Je '88.

[Geology] *Russ. sbul. i Geol.* no. 18 D '88.
Mikhail Borisovich Solov'yev obituary. *Trudy Inst. geol. Komi A.S.S.R.* no. 6:170-171 '88.

On the eve of the great date. *Sov. geol. i razv.* II no. 10:2-8 O '88.

Vysotski, B.P. - Periodization of the history of geology on the basis of internal factors and its development. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:134-146 Ap '88.

551(234)—Mountains of Europe
Kalinin, M.P., Pashkov, V.M. - New data on the geology and rare metal metallogeny of rocks of the Ural in the upper Paleozoic basin. *Trudy Inst. geol. Komi A.S.S.R.* no. 6:48-50 '88.

551(471.41)—Tatar A.S.S.R.
Aver'yanova, G.A. - Effect of geology on the formation of an underground source for the small rivers of Tataria. *Vop. geol. geog. i karteogr.* no. 3:67-81 '88.

551(477)—Ukraine S.S.R.
Maksimovskii, F.F. - Literature on the mineralogy of the Ukraine in 1984. *Mha. sbul.* II no. 4:418-434 '87.

551.1 Physical geology
Khalilshin, M.I. - Crustal structure of the Russian Platform, Ural, and West Siberian Plain. *Geofiz. sbor. Inst. geofiz. UFA AN SSSR* no. 5:8-8 '87.

551.1(234)—Mountains of Europe
Alshikhov, A.L., Belavina, O.V., Kuznetsov, A.A. - Some data concerning the epipalaeozoic nature of the Ural geosynclinal area. *Geofiz. sbor. Inst. geofiz. UFA AN SSSR* no. 6:18-18 '87.

551.2 Internal geodynamics. Endogenous processes
Boltyshev, M.M. - Plotting of isoviscosity maps in the study of oil and gas pools. *Neftgaz. geol. i geofiz.* no. 10:27-29 '88.

Tonakov, I.M., Favorskikh, M.A. - On concentrating structures and principles of local propagation of ecological mineralization. *Sov. geol. i razv.* II no. 10:6-29 O '88.

Varianov, G.S. - Role of processes of the regional metamorphism in the formation of some types of mineral waters and their provinces. *Bul. MOIP, Old. geol.* 43 no. 3:99-108 My-Je '88.

551.2(234)—Mountains of Europe
Alshikhov, A.L., Belavina, O.V., Tsvetkov, I.P. - Tectonic development of the Ural. *Geofiz. sbor. Inst. geofiz. UFA AN SSSR* no. 5:21-26 '87.

Avanishin, G.M. - New data on the tectonics of the Karapinsk Ridge. *Dokl. AN SSSR* 182 no. 6:277-280 '88.

Belavina, O.V., Alshikhov, A.L. - Shape of the Konevskiy-Karapinsk massifs and its relation to the tectonic structure of region based on gravimetric data. *Geofiz. sbor. Inst. geofiz. UFA AN SSSR* no. 6:34-47 '87.

Belavina, O.V., Dudik', I.U., Rapoport, M.A. - Some results of the overall geological and geophysical studies of complex-structure granitoid massifs of the Shilovskoye-Konevskiy group. *Geofiz. sbor. Inst. geofiz. UFA AN SSSR* no. 6:48-50 '87.

Karichev, G.M. - Geosynclinal tectonics and magmatic cycles in the development of the Greater Caucasus and Crimean Mountains in the Alpine epoch. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:113-116 Ap '88.

551.2(263)—Arctic Ocean
Kozlov, M.V. - Recent tectonic uplift of the coastal area of the White and Barents Seas. *Inform. sbul. Miskvid. beofis. kom.* no. 6:128-132 '84.

551.2(470)—European U.S.S.R.
Chernova, M.S. - Geosynclinal stages of the development of the earth's crust in the Paleozoic; as revealed by a study in the Soviet Union. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:3-11 Ap '88.

Mazurov, G.P. - Global-tectonic disturbances of rocks in the northwestern part of the Russian Platform. *Vest. LGU* 23 no. 12:66-68 Je '88.

551.2(471.45)—Volgograd Province
Shafiro, I.A., Sh. - Predicting buried structures in the terrigenous Devonian in the Volga Valley portion of Volgograd Province. *Geol. nefti i gaza* II no. 11:26-33 M '88.

551.2(471.46)—Astrakhan Province
Mishin, A.G., Tsvetkov, D.V. - Regional tectonics of the saltiferous karst in the northwestern part of the Caspian Lowland. *Neftgaz. geol. i geofiz.* no. 6:17-20 '88.

551.2(471.5)—Ural regions
Brower, I.M. - Tectonic characteristics and prospects for finding oil and gas in the northern part of the Ural and Volga interfluvium. *Sov. geol. i razv.* II no. 10:74-84 O '88.

551.2(471.56)—Orenburg Province
Vorobey, A.A., and others. - Pre-Kazgaria tectonic map of the southeastern platform portion of Orenburg Province. *Geol. nefti i gaza* II no. 11:18-23 M '88.

551.2(478)—White Russian S.S.R.
Karashev, I.P., Obmorchayev, K.M. - Structure and conditions for formation of reservoir rocks in the oil-bearing horizons of the Devonian in the northeastern part of the Pripyet Basin. *Geol. nefti i gaza* II no. 11:45-47 M '88.

551.2(477)—Ukraine S.S.R.
Lobed', M.B., Kaledin, G.L., Kravchenko, G.M. - Devonian structural stage of the Dnieper-Donets graben (the southern border zone). *Neftgaz. geol. i geofiz.* no. 6:20-23 '88.

551.2(477.6)—Donets Basin
Andreeva, R.I. - Use of complex processing of data from seismic drilling for paleotectonic analysis. *Sov. geol. i razv.* II no. 10:120-123 O '88.

551.2(477.8)—Western Ukraine
Korotki, V.D., Kuznetsov, L.V., Shchegolev, V.M. - Basic features of the geological structure and oil and gas potentials of the central part of the Lvov Paleozoic Trough. *Neftgaz. geol. i geofiz.* no. 6:6-10 '88.

551.2(477.9)—Crimea
Alshikhov, A.L. - Structure of the Kacha anticline (Crimean Mountains). *Vest. LGU* 23 no. 12:40-50 S '88.

Al'shov, S.V. - Tectonic phenomena in the formation of mountain ridges in the Crimea. *Inform. sbul. Miskvid. beofis. kom.* no. 6:127-130 '84.

551.2(479)—Caucasus and Transcaucasia
Babian, M.A., Stepanian, Zh.O., Chelobidze, L.S. - New data on the Upper Cretaceous volcanic-sedimentary formation in the western part of the Lesser Caucasus. *Bul. MOIP, Old. geol.* 43 no. 3:80-88 My-Je '88.

551.2(471)—Arakhs R. S. S. R.
Chernova, M.S. - Geosynclinal stages of the development of the earth's crust in the Paleozoic; as revealed by a study in the Soviet Union. *Izv. vyz. ucheb. zav., geol. i razv.* II no. 4:3-11 Ap '88.

551.2(471.11)—Taymyr National Area
Brytski, R.V., Stepanov, G.I. - Basic structural-tectonic zones of post-early Proterozoic formations of Taymyr. *Vest. LGU* 23 no. 12:44-58 Je '88.

Brytski, R.V., Stepanov, G.I. - Elements of the structural tectonics of the Taymyr fold area. *Dokl. AN SSSR* 182 no. 6:232-236 '88.

551.2(471.6)—Soviet Far East
Zabrodin, V.I.U. - Characteristics of the Dabagdy shear zone (Far East) in the portion between the Dupa and Mora Rivers. *Bul. MOIP, Old. Geol.* 43 no. 3:81-89 My-Je '88.

561.3(571.44)—Mikailia Province
Kozlov, A. V. - Research formation of some magmatic minerals on Mendeleev Volcano in Kamchatka Island. *Zap. Vses. shk. ob-va Ser. 3.* 67 no. 3:273-281 '68.

561.3(571.46)—Mikailia Province
Kozlov, A. V. - Main types of structures, igneous activity, and metallogeny of the Yana-Khatanga fold system. *Sov. geol. II* no. 8:159-73 '68.

561.3(571.48)—Kamchatka Province
Makarov, E. F. - *Avacha Syzhi.* *Kam. i vsel.* no. 4:151-11 8-0 '68.

561.3(574)—Kamchatka S. S. R.
Tarkhanov, M. I., Samsonov, M. V., Gavrilov, V. P. - Some features of the formation of the large anticlines. *Geol. nefit i gaza* 13 no. 10:148-53 '68.

561.3(578.1)—Dniepr S. S. R.
Semenov, V. V., and others. - Reef structures in western Ukraine. *Geol. nefit i gaza* 13 no. 10:147-50 '68.

Shapovalov, Kh. Sh. - An analysis of the elevation of terraces and the recent tectonic movements in the Poltava Valley. *Mosk. trudy TsSU* no. 210:46-48 '67.

561.3(578.4)—Turkmen S. S. R.
Malovitskiy, I. A., Kashi, O. V., Terentev, A. A. - History of geological development of the eastern part of the Chelak-Lavna area of uplands during the Pliocene-Quaternary time. *Geol. nefit i gaza* 13 no. 10:144-51 '68.

561.3(585)—West and North Central Africa
Alakala, A. G., Koshchikov, I. I., Sokolov, Kh. G. - Geological structure and oil and gas potentials of sedimentary basins in western Africa. *Geol. nefit i gaza* 13 no. 10:147-51 '68.

561.3 External geodynamics. Resonance processes
Bekasov, S. M. - Calculation of the index of heat in the lower surface of ice cover in reservoirs during winter. *Trudy Len. gidromet. inst.* no. 17:38-44 '68.

Dobson, M. M., and others. - Use of seismograms for the sediments in heat and power installations. *Trudy IEKA* no. 26:223-247 '68.

Dostova, K. N. - S. S. Mozhayev's role in the theoretical development of soil science. *Mosk. trudy TsSU* no. 210:48-53 '67.

Opukhov, A. P. - Problem of mountain roots. *Vest. LGU* 23 no. 10:117-23 '68.

Koshchikov, M. S. - Effect of preliminary soil on the erosion resistance of light chestnut soils of the Yargul Hills (study of disturbed composition samples). *Vest. Khark. univ. Ser. 4:Biol., posiv.* 22 no. 3:18-23 '67.

Lazko, B. K., Chelikhov, A. A. - Effect of recent tectonics on the formation of mountain alluvium states. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.3(583.24)—European rivers
Oshberg, S. M., Antipova, K. G., Balashova, L. V. - Methodology of forecasts of the beginning of the snow ice formation period on reservoirs of the Volga Cascade of hydroelectric power stations. *Trudy Len. gidromet. inst.* no. 17:3-12 '68.

Vologodskiy, M. V. - Regularities in the transformation of ice on the rivers of the Kama basin. *Trudy Len. gidromet. inst.* no. 17:28-38 '68.

561.3(571.52)—Karelia S. S. R.
Votkov, A. S., Bogdanov, I. U. - Criteria and conditions governing the formation of Archean and Proterozoic metamorphic sedimentary rocks of eastern Karelia. *Vest. LGU* 23 no. 10:11-20 '68.

561.3(477.6)—Dniepr Basin
Karpova, G. V., Savitskaya, M. P. - Characteristics of the epigenetic of terrigenous Carboniferous rocks in the region of the Great Dnieper Through. *Izv. vyz. ucheb. nav. geol. i razv.* II no. 4:12-24 '68.

561.3(477.6)—Crimea
Akhmed, S. V. - Water potential and forest formations in the Crimea. *Trudy MGU, Old. geol.* 43 no. 3:123-128 '68.

561.3(479)—Crimea and Transcaucasia
Dobson, O. P., Kozlov, P. V. - Activities of the Caucasus. *Ekspeditsiya of the IUT of Kharkov University.* *Izvest. Biol. Mikrobiol. biol. i med.* no. 6:114-115 '64.

561.3(571)—Asia S. S. R.
Chernov, I. M. - Some characteristics of atmospheric processes over Siberia and their use for the forecast of the appearance of ice in the lower Yenisey Valley. *Trudy Len. gidromet. inst.* no. 17:23-27 '68.

561.3(571.41)—Krasnoyarsk Territory
Krasovskiy, M. D. - Methodology of the long-range forecast of the beginning of the snow ice formation in the Krasnoyarsk Reservoir. *Trudy Len. gidromet. inst.* no. 17:28-31 '68.

561.3(578)—Central Asia
Bekasov, S. M. - Stratigraphy of the Upper Carboniferous marine faunas of the Tien Shan. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.4 Oceanography
Ansbury, R. A. - Theoretical problems in the genetic classification of the earth's relief. *Vest. LGU* 23 no. 10:11-20 '68.

Bekasov, S. M., Koshchikov, I. A. - Combining spring microclimate observations in erosion relief forms. *Vop. geol. geog. i krasnod.* no. 3:63-65 '68.

Ermoshina, M. S. - Practice of engineering-geology desecrating of aerial photographs in linear studies. *Vest. LGU* 23 no. 10:11-20 '68.

Kalashnikov, S. V. - Problem of geographic coordinates. *Vest. LGU* 23 no. 10:11-20 '68.

Trofimov, A. M., Bekasov, S. M. - Evolution of slopes under conditions of rugged relief. *Vop. geol. geog. i krasnod.* no. 3:63-65 '68.

561.4(479)—European U. S. S. R.
Bekasov, S. M. - Interrelationships of the planetary joining of rocks with the structural forms of the middle Volga Valley. *Vest. LGU* 23 no. 10:11-20 '68.

Bekasov, S. M., Dobson, V. A. - Gray forest soils of brown steppes in the European part of the U. S. S. R. *Vest. LGU* 23 no. 10:11-20 '68.

Bekasov, S. M., Koshchikov, I. A. - History of the development of lakes of the south of Volga and the north of the Povolzhie Province in the Pleistocene. *Vest. LGU* 23 no. 10:11-20 '68.

561.4(471.67)—Dagestan S. S. R.
Bekasov, S. M. - Landform faciations of freshwater basins in maritime part of Dagestan. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.4(479.22)—Georgia S. S. R.
Tskhovrebadze, Sh. A. - Oceanography of the upper Sakrebulo Valley. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.4(578.1)—Dniepr S. S. R.
Shapovalov, Kh. Sh. - Some problems concerning the geomorphology of the Poltava Valley. *Mosk. trudy TsSU* no. 210:46-48 '67.

561.45 Oceanography
[Catalog of publications received by the World Data Center for the Oceanography. X Oceanography] *Est. publ. M.V. tsentra dan. Okean. X Okean. dan.* 15:14-24 '68.

561.45 Oceanography. Seismicity, valleys
Bekasov, S. M. - An analysis of the elevation of terraces and the recent tectonic movements in the Poltava Valley. *Mosk. trudy TsSU* no. 210:46-48 '67.

561.45 Ocean. Underground rivers, lakes, etc. Karst topography
Bekasov, S. M. - An analysis of the elevation of terraces and the recent tectonic movements in the Poltava Valley. *Mosk. trudy TsSU* no. 210:46-48 '67.

561.44(471.82)—Pern Province
Makarov, E. F. - World without sea. *Barek' period. Prilozhenie* no. 1:23-43 '68.

561.46 Oceanography. Submarine topography
[Catalog of publications received by the World Data Center for the Oceanography. X Oceanography] *Est. publ. M.V. tsentra dan. Okean. X Okean. dan.* 15:14-24 '68.

Fel'shteyn, A. I. - Hydrodynamic models of a heterogeneous ocean and sea. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Fel'shteyn, A. I. - Problem in the calculation of currents known from observations of wind fields and density of seawater. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Fel'shteyn, A. I. - Taking into account horizontal exchange by the amount of motion in the theory of steady current. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Libert, V. K. - Statistical evaluation of the anisotropy nature, stability and continuity of processes (as exemplified by pressure fields). *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Martynov, I. U., Fel'shteyn, A. I. - Use of the balance equation of the energy of turbulence in some simple problems on currents. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Lafitov, D. L. - Changes in the salinity of the upper sea layer. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Lafitov, D. L. - Convection in the near-surface layer and wind action on the surface of the sea. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Makarov, E. F. - Television camera on the ocean floor. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Mikhailova, M. M. - Calculation of ocean currents. *Mosk. trudy TsSU* no. 210:46-48 '67.

Mikhailova, M. M. - One method of the calculation of the horizontal exchange by the quantity of motion in the theory of steady currents. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Mironov, O. G., Lashkova, L. A. - Survival of some marine planktonic and benthoplanktonic algae in seawater contaminated with petroleum products. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Pall, M. F. - Simple method of determining current elements and ship wear during oceanographic explorations. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Sokolov, V. I. - Possible evaluation of dynamic factors causing the change in oxygen content in the layer of the minimum. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Vigilant, D. U. - Influence of β -effect on the dynamics of currents in the equatorial zone of the baroclinic ocean. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Vladimirov, A. S. - Using models of density, temperature, and salinity in the theory of ocean currents. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Vladimirov, A. S., Fel'shteyn, A. I. - Role of friction against the bottom and horizontal exchange by the quantity of motion in the theory of steady current. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Kirichuk, S. S., Chelikhov, D. V. - Calculation of the bottom friction stress in the ocean. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.46(561)—Atlantic Ocean
Bekasov, S. M., Ansova, M. V. - Some features of water chemistry in the eastern part of the equatorial Atlantic. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Bekasov, S. M. - Characteristics, distribution and wind drifts of water of the Nova Scotia shelf. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Kirichuk, S. S. - Systems of hydrodynamic equations describing the currents in the equatorial region. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Kruglov, L. A. - Bottom contourments off the shores of Africa south of the equator. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Kruglov, L. A. - Currents in Canary and Tahiti regions during fall and winter period. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Lashkov, A. I. - Relief and grounds of the fishing region of Tahiti. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Lashkov, A. I., Sokolov, I. U., Volynskaya, G. I. - Relief and bottom sediments of the fishing regions of West Africa off Cap-Blan Capes and Country-France. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Pall, M. F. - Divergence and convergence zones of surface currents in the tropical Atlantic. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Sokolov, V. I. - Some data on currents in the equatorial Atlantic. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Sokolov, V. I. - Geomorphology of the western shelf of North Africa. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

Sokolov, V. I. - Some characteristics of water chemistry of the North Atlantic in March-June of 1958. *Trudy MGU, Old. geol.* 43 no. 3:146-153 '68.

561.46(561.3)—Baltic Sea, with Gulls
Makarov, E. F., Mikhailov, I. U., Volkov, M. R. - Determination of the level in the open part of the Baltic Sea based on data of coastal stations. *Trudy GGI* no. 147:143-147 '68.

561.46(561.3)—Black Sea
Altman, M. M. - Stability of the waters of the Black Sea in the period of the IGY. *Inform. biul. Mikhid. biol. i med.* no. 6:114-115 '64.

561.46(568)—Pacific Ocean
Favitskiy, V. P. - Some characteristics of hydrological balance in the Koryu region in spring of 1966. *Izv. TIOO* 21:3-10 '67.

561.46(567)—Indian Ocean
Kamov, V. F. - "Alakdaik Korobalov" in the Indian Ocean. *Kam. i vsel.* no. 4:14-19 8-0 '68.

561.46 Surface waters
Abal'ma, T. A., Masurova, L. I., Mikosorova, E. M. - Taking into account characteristics of the formation of runoff for the purpose of forecasting its distribution during the regulation period. *Trudy Len. gidromet. inst.* no. 17:73-80 '68.

Fedorov, V. A. - Possibility in using a unidimensional model in the calculation of the unsteady flow in rivers with a complex floodplain. *Trudy GGI* no. 147:143-147 '68.

Gavrilov, A. M. - Hydrometric calibration in hydroelectric power stations in foreign countries. *Trudy GGI* no. 150:118-123 '68.

Gritsina, D. I. - Field observations of channel turbulence. *Trudy GGI* no. 150:123-124 '68.

Krasovskiy, M. D. - Observations on the temperature regime of rivers. *Trudy GGI* no. 150:123-124 '68.

Krasovskiy, M. D. - Shape of the longitudinal profile and capacity of a washed out riverbed. *Trudy GGI* no. 150:123-124 '68.

Krasovskiy, M. D., Chelikhov, A. M. - Criteria of the accuracy of the measurement of water level on rivers and reservoirs. *Trudy GGI* no. 150:123-124 '68.

- 551.48 (Continued)
- Kishinev, L.I. - Formation of the flow of suspended sediments in temporarily active streamflows. *Sbor. rab. Karak. gidromet. obsch.* no. 4:40-53 '88.
- Kovalov, I.A., K. Boubek, V.G. - Study of the streamflow of suspended sediments. *Sbor. rab. Karak. gidromet. obsch.* no. 4:16-25 '88.
- Korov, A.O. - Quantitative relationship between the source of rivers and minimum streamflow. *Sbor. rab. Karak. gidromet. obsch.* no. 4:73-78 '88.
- Malina, V.M. - Effect of the nature of snow coverage on the formation of runoff of snow waters. *Sbor. rab. Karak. gidromet. obsch.* no. 4:103-113 '88.
- Mekrasova, I.V. - Practice in using punched cards with graphic payers. *Trudy GGI* no. 100:61-73 '88.
- Popov, A.P. - Ice flow in small basins. *Sbor. rab. Karak. gidromet. obsch.* no. 4:103-113 '88.
- Ruppert, M.L. - Accuracy in the determination of water discharge under conditions in winter. *Trudy GGI* no. 150:44-53 '88.
- Ruppert, M.L. - Statistical method of the determination of the optimum quantity of measurements of the observation of streamflow. *Trudy GGI* no. 150:17-23 '88.
- Shamshov, M.P. - Distribution of velocities in the section of pressure turbocompounds of a hydroelectric power station and errors in the measurement of water discharge. *Trudy GGI* no. 100:130-143 '88.
- Shastakova, R.A. - Utilization of hydraulic functions for the determination of water discharge in streams without a floodplain. *Trudy GGI* no. 150:33-42 '88.
- Shulakovskiy, L.G., Troshkov, I.V. - Determination of parametric relations for the calculation of time for the approach of some hydrologic phenomena. *Trudy Len. gidromet. inst.* no. 17:91-96 '88.
- Solovchenko, R.V., Bonchalev, V.V. - Studying the stability of the transverse trough of a channel. *Trudy GGI* no. 147:68-79 '88.
- Valdman, K.M. - Laboratory studies of a meander. *Trudy GGI* no. 147:140-52 '88.
- Vorobey, A.S. - Calculation of spillway constructions using hydraulic turbines. *Trudy GGI* no. 150:133-138 '88.
- Znamenskaya, N.S. - Principles and field testing of calculations of channel deformations and the determination of the discharge of bed loads. *Trudy GGI* no. 147:59-66 '88.
- 551.48(323.24) - European rivers
- Kulagina, M.M. - Field studies of channel processes in the flood period. *Trudy GGI* no. 147:83-88 '88.
- Losta, A.G., Yrskila, V.S. - Methodology for the forecast of rain floods; as revealed by a study made of the Dnieper River at Zaleskiki. *Trudy Len. gidromet. inst.* no. 17:141-54 '88.
- 551.48(471.31) - Central industrial regions
- Kolpakova, M.P. - Annual distribution of streamflows of the Central Russian Upland within the Central Chernozem regions. *Sbor. rab. Karak. gidromet. obsch.* no. 4:99-105 '88.
- 551.48(471.33) - Central Black Earth regions
- Yshakov, M.P. - Changes in the amount of water masses in Central Chernozem provinces and Byelaya Provinces. *Sbor. rab. Karak. gidromet. obsch.* no. 4:8-16 '88.
- 551.48(471.334) - Voronezh Province
- Bochekov, V.G. - Spring streamflow and its formation in a small drainage basin. *Sbor. rab. Karak. gidromet. obsch.* no. 4:63-75 '88.
- 551.48(471.333) - Bryansk Province
- Yshakov, M.P. - Changes in the amount of water masses in Central Chernozem provinces and Bryansk Province. *Sbor. rab. Karak. gidromet. obsch.* no. 4:8-16 '88.
- 551.48(471.33) - Perm Province
- Gorbunova, K.A. - Rheology of the Kama region. *Berezh' prirodn'ye* no. 1:70-73 '88.
- 551.48(471.3) - Ural regions
- Karshin, A.A. - Beauty of the Ural. *Berezh' prirodn'ye* no. 1:108-117 '88.
- 551.48(471.4) - Turkmen S.S.R.
- Tupakov, K.A. - The Ak-Tana in the Middle Ages (preliminary information). *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 1:35-34 '88.
- 551.48(471.5) - White Russian S.S.R.
- Gedrov, G.D. - Field studies of wind currents of Lake Lakovskoye and comparison of them with rated values. *Trudy GGI* no. 147:143-148 '88.
- Savitsky, A.V. - Methodological basis for the complex automation of the hydrologic network of the White Russian S.S.R. *Trudy GGI* no. 150:74-83 '88.
- 551.48(471.5) - Ukrainian S.S.R.
- Krasikova, M.I. - Methodology for the determination of the inflow of water in the reservoir of the Kiev Hydroelectric Power Station. *Trudy Len. gidromet. inst.* no. 17:107-114 '88.
- 551.48 Underground waters
- Chernykh, V.A. - Inflow to an imperfect well in the non-linear-elastic regime of seepage in an ideal soft porous medium. *Izv. vuz. geotekhn. i geol. i razv.* II no. 4:97-98 Ap '88.
- Vrublevskiy, M.I. - Formation and distribution of basic types of carbonate mineral waters in the U.S.S.R. *Vest. LGU* 23 no. 12:12-13 '88.
- 551.48(338) - Mountains of Asia
- Boishev, A.V. - Formation of underground waters of the Badkhyz Altai. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:127-150 '88.
- 551.48(338.3) - Caspian Sea
- Kondratyeva, N.V., Kruglov, V.V. - Freshwater masses under the bottom of the Caspian Sea in the Turkmenian Shelf. *Sov. geol. II* no. 10:124-137 O '88.
- 551.48(470) - European U.S.S.R.
- Bozhikova, V.A., Kikabashvili, B.I., Sydykov, Kh. S. - Hydrogeological and hydrogeochemical conditions in the eastern part of the Caspian Lowland in connection with prospects for finding oil and gas. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:106-123 '88.
- Bozhikova, V.M. - Basic characteristics of the dynamics of underground waters of Pre-Mesozoic formations of the Volyn-Podolian margin of the Russian Platform. *Sov. geol. II* no. 10:124-137 O '88.
- Sydykov, Kh. - Underground flow in deep aquifers of the Caspian Lowland. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:124-129 '88.
- 551.48(471.334) - Voronezh Province
- Kimoshin, L.I. - Microthermal studies of the water seepage in soil at drainage basins of the Mishadovskiy drainage station. *Sbor. rab. Karak. gidromet. obsch.* no. 4:36-42 '88.
- 551.48(471.41) - Tatar S.S.R.
- Alexandrov, G.A. - Effect of geology on the formation of an underground source for the small rivers of Tataria. *Vop. geol. geog. i karnet.* no. 3:57-61 '88.
- 551.48(471.54) - Kabardino-Balkar A.S.S.R.
- Mukomarov, A.M., Krasits, V.A., Khashtakova, A.V. - Hydrogeological characteristics of Mesozoic sediments in the Kabardino-Balkar A.S.S.R. in connection with evaluating their oil and gas potentials. *Geol. nard. I* part 12 no. 10:27-33 O '88.
- 551.48(471.5) - White Russian S.S.R.
- Fedorov, M.V. - Study of the development of raised underground waters in the region of the Surov Vileyka-Minsk water system using an electronic computer. *Dokl. AN BSSR* 12 no. 3:155-157 Mr. '88.
- 551.48(471.5) - Asiatic R.S.S.R.
- Dmitriyev, V.I. - Underground waters of the Bessonda horizon, the basic source of the eastern part of the Ural Mountain region. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:124-129 '88.
- 551.48(471.54) - Kazakhstan Province
- Vorobey, G.G. - Role of sea environment and volcanic activity in the formation of chemical composition of the waters of the upper hydrodynamic zone of the Kazakhstan Peninsula. *Vest. LGU* 23 no. 12:124-127 '88.
- 551.48(471.54) - Kazakh S.S.R.
- Altynov, T.K., Dzhumagulyov, M.Y., Klaparkhanov, S.Kh. - Underground waters of the northwestern slope of the Lesser Karatau as a source of water supply for mining enterprises; as revealed by a study made in the Khlybshakovsky deposit. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:100-108 '88.
- Akhmedov, U.M. - Resources of underground waters of Kazakhstan, prospects and methods of their utilization for irrigation. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:3-23 '88.
- Akhmedov, U.M., and others. - Artesian waters of southern Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:154-165 '88.
- Akhmedov, U.M., Ostrovskiy, V.M. - Basic problems of meliorative hydrology in irrigated regions of south-eastern Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:151-157 '88.
- Dzhumagulyov, A.K. - Underground waters of the south-eastern part of the Karatau phosphorite basin and adjacent areas. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:83-90 '88.
- Galkin, V.V. - Water resources of the Irtys schist-oolite-magnetite deposit (southern Kazakhstan) and problems of their utilization. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:223-230 '88.
- Iskhakov, T.Y. - Underground waters of the Alakol' Depression. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:203-209 '88.
- Khoroshin, M.A. - Karst-interstitial waters of the Kamysh silt of basaltic folds in central Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:171-179 '88.
- Krasnov, A., Sydykov, Kh. - Spatial distribution and formation of slightly mineralized waters of the Mangyshlak Peninsula. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:147-157 '88.
- Kurnakov, R.M. - Formation of underground waters of the Turpan Trough. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:120-124 '88.
- Larionov, G.Y. - Some aspects of the geochemistry of underground waters of central Kazakhstan. *Vest. LGU* 23 no. 12:79-84 Je '88.
- Ostrovskiy, V.M., Khordzhin, M.A. - Accuracy of calculating flow rates of wells on the basis of curves showing the relation of flow to the drawdown of a water well; as revealed by a study made in Dzhambul'skaya District. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:196-201 '88.
- Shapiro, S.M., and others. - Role of tectonic faults in the formation of highly efficient fresh underground waters in the southeastern part of central Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:183-186 '88.
- Skolodov, I.S., Savitskiy, I.V. - Methodology of the evaluation of the role of the water accumulation of soft-ground cover on the northern slope of the Trans-Ili Altai. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:110-111 '88.
- Vlasov, G.M. - Effect of geomorphic variations on the regime and resources of underground waters of alluvial deposits of the Aktyubinsk portion of the Ural Mountain region. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:169-177 '88.
- Kharkovskiy, S.Kh., and others. - Hydrogeological conditions governing the processing of some ore deposits in central Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:178-181 '88.
- Khavago, V.S. - Basic characteristics of the distribution of heat in the upper parts of the earth's crust in Kazakhstan. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:158-172 '88.
- Khavago, V.S., and others. - Thermal waters of Kazakhstan and their use in the national economy. *Trudy Inst. gidrogeol. i gidrofiz. AN Kazakh. SSR* 1:174-183 '88.
- 551.48(471.5) - Tajik S.S.R.
- Chasovskiy, M.V. - Water-soluble salts in the low-salt complex of rocks of the eastern Pamirs. *Vest. LGU* 23 no. 12:68-69 Je '88.
- 551.5 Meteorology. Climatology
- Akhmedov, K.V. - Chronomorphologic nature of June 23, 1981. *Inform. bul. Mikhv. bof. kom.* no. 8:18-23 '84.
- Arkhypov, T.M. - Evaluation of random errors in the measurement of the general content of ozone using universal (M-83) airborne ozonometers. *Trudy GGO* no. 12:100-104 '88.
- Dubrov, I.V., Kharkevich, L.A. - Conducting spring microclimate observations in oceanic relief forms. *Vop. geol. geog. i karnet.* no. 3:57-61 '88.
- Berg, D., Mankovskiy, S.A. - Studying heating in the stratosphere by the help of numerical experiments. *Trudy Len. gidromet. inst.* no. 18:33-43 '88.
- Dobrova, R.I. - Characteristics of atmospheric processes and weather in June 1988 and possibility of their long-range forecast. *Trudy Len. gidromet. inst.* no. 24:36-51 '88.
- Dobrova, R.I. - Analysis of the forecast and actual development of atmospheric processes and weather in November 1988. *Trudy Len. gidromet. inst.* no. 24:115-123 '88.
- Bromskiy, A.M., and others. - Some results of the study of spectral characteristics of black and white coatings used for measuring purposes of astronomical instruments. *Trudy GGO* no. 12:13-18 '88.
- Bromskiy, A.M., Kharkevich, K.V. - Identification of air layers for the study of their radiative properties. *Trudy GGO* no. 12:174-79 '88.
- [Catalog of publications received by the World Data Center II. Meteorology.] *Kat. publ. Mir. teatna. dan. II. Meteor.* no. 17 Ja-Je '87.
- [Catalog of publications received by the World Data Center II. Meteorology. XIV Nuclear radiation.] *Kat. publ. Mir. teatna. dan. II. Meteor. XIV Yad. rad.* no. 8 Ja-Je '83.
- [Catalog of publications received by the World Data Center II. Meteorology and nuclear radiation.] *Kat. publ. Mir. teatna. dan. II. Meteor. i Yad. rad.* nos. 18-19 Ja-D '86.
- Cherednichenko, V.I. - Waves of the emission of λ 8443 Å of the H II nitrogen in high altitude polar auroras. *Inform. bul. Mikhv. bof. kom.* no. 6:87-93 '84.
- Chernova, V.Y. - Diving airplanes and jet streams. *Trudy Len. gidromet. inst.* no. 23:78-79 '88.
- Chernova, V.Y. - Dependence of the transformation of air temperature on the velocity of the transport of air masses. *Trudy Len. gidromet. inst.* no. 23:84-86 '88.
- Chernova, V.Y. - Transformation of the humidity of air mass being displaced over the North Atlantic and Europe. *Trudy Len. gidromet. inst.* no. 23:80-90 '88.
- Ngouren, V.I. - Quantitative characteristics of the specific humidity of the Northern Hemisphere and their connection with synoptic processes. *Trudy GGO* no. 12:123-127 '88.
- Gersberg, R.E. - Optical thickness of a radiating, cooling, and expanding hydrogen cloud for radio frequencies. *Izv. Krym. astrofiz. obsch.* 36:209-207 '88.
- Girskiy, E.I. - Methodology of finding intercorrelated regions of temperature anomalies in the Northern Hemisphere. *Trudy GGO* no. 12:118-120 '88.
- Goryshin, V.I. - Amplitude and phase characteristics of some types of light modulators in two-beam photoacoustic and spectrophotoacoustic. *Trudy GGO* no. 12:137-147 '88.
- Goryshin, V.I. - New method modeling light beams in two-beam photoacoustic and spectrophotoacoustic. *Trudy GGO* no. 12:123-125 '88.

551.5 (Continued)

- Goryshin, V.I. - Serial model of an automatic photometer for the measurement and recording of atmospheric transparency (RDV-1). *Trudy GOO* no. 213-18-84 '85.
- Goryshin, V.I. - Some results of laboratory and field testing of an automatic photometer for the measurement and recording of atmospheric transparency (RDV-1). *Trudy GOO* no. 213-18-84 '85.
- Ostrov, N.M., Alekseyev, E.P. - Investigating infrared radiation in industrial spaces. *Proizvol.* 45 no. 2 33-35 '83.
- Osipchuk, G.P., and others. - Some results of the studies of atmospheric ozone in the U.S.S.R. in the IGTY period (1954-1963). *Trudy GOO* no. 213-18-84 '85.
- Ovchinnikov, A.I. - Precipitation of ice growing in a flow of supercooled water as results on surfaces of various shapes. *Sobor, AN Odesk. SSR* 51 no. 1-43-48 21 '82.
- Lashovskiy, N.I., Chernyshov, L.E., Kiselevskiy, O.D. - More exact representation of natural orthogonal functions of the pressure field (geopotential) over the Northern Hemisphere. *Trudy GOO* no. 213-18-84 '85.
- Lashovskiy, N.I., Chernyshov, L.E., Lashov, K.V. - Statistical description of pressure fields (geopotential) over the Atlantic-Pacific sector, using artificial functions. *Trudy GOO* no. 213-18-84 '85.
- Lashovskiy, N.I., Bakinskaya, R.P., Ostrov, K.A. - Determination of the relationship of processes according to time and its seasonal characteristics. *Trudy GOO* no. 213-18-84 '85.
- Lashovskiy, N.I., Yurlov, V.O. - Synchronous relationships of pressure anomalies (geopotential) over different sectors of the Northern Hemisphere. *Trudy GOO* no. 213-18-84 '85.
- Bray, N.V., Fuka-Babinovich, M.S. - On one of the finite-difference algorithms of the solution of the equation of vorticity for the middle troposphere over the Northern Hemisphere. *Trudy Len. gidromet. inst.* no. 1930-31 '82.
- Khayrullin, A.G. - Temporal and spatial variations of additional layers of the troposphere K1 and P1. *Izvest. Akad. Nauk, Ser. Geofiz.* no. 6-73-83 '84.
- Kozlovskiy, I.M., Bakina, V.V., Shcherbakova, R.I. - Justification of the time given for conducting operations for the prevention of spring ice jams on the Salskaya and Severnaya Dnieper rivers. *Trudy LITV* no. 83 23-24 '87.
- Kurukova, L.N. - Abscissa of CA II in the chromosphere flare on April, 1959. *Izvest. Akad. Nauk, Ser. Geofiz.* no. 8-85-85 '84.
- Labadev, A.M., Khodakov, V.P. - Modeling of parameters of temperature and air humidity. *Trudy GOO* no. 213-18-84 '85.
- Labadev, A.M., Mikhalchuk, M.M. - Methodology of computer and graphic representations of the temperature and relative humidity of the air. *Trudy GOO* no. 213-18-84 '85.
- Lilovskaya, K.L. - Accuracy of the measurement of the general composition of ozone based on the sky zenith at oceanic stations of the U.S.S.R. *Trudy GOO* no. 213-18-84 '85.
- Lilovskaya, K.L., Valishev, R.P. - Relation of direct solar radiation to illumination. *Trudy GOO* no. 213-18-84 '85.
- Matkhevskaia, A.V., Kiselevskiy, L.N. - Distribution of anomaly fields of the mean monthly temperature according to natural orthogonal functions. *Trudy GOO* no. 213-18-84 '85.
- Matkhevskaia, A.V., Kiselevskiy, L.N. - Measurement of mean monthly temperatures. *Trudy GOO* no. 213-18-84 '85.
- Kiselevskiy, L.N. - Relationship between wind velocity rose diagrams and area roses of station anemometers. *Trudy GOO* no. 213-18-84 '85.
- Milova, V.M. - Effect of the course of snow coverages on the formation of runoff of snow waters. *Sov. rab. Kurat. gidromet. obsch.* no. 4-103-103 '80.
- Moskalevskiy, O.A., Presh, L.Z. - Effect of the stratification of the temperature and humidity of the air in the surface layer of the stratosphere on the retraction index of radio waves. *Izvest. Akad. Nauk, Ser. Geofiz.* no. 4 80-100 '84.
- Ovchinnikov, A.I. - Application of the filtering theory of random processes to some problems of objective analysis. *Trudy Len. gidromet. inst.* no. 1934-87 '88.
- Podchukhina, M.I.A. - Effect of the initial time interval and irregularity of precipitation on the calculation accuracy of a runoff hydrograph. *Trudy Len. gidromet. inst.* no. 1934-87 '88.
- Potepko, P.M. - Results of photoelectric treatment of a spectrum of the chromosphere (umbra) on July 27, 1951. *Izvest. Akad. Nauk, Ser. Geofiz.* no. 8-85-85 '84.
- Ponomarevskiy, S.I. - Some characteristics of air circulation preceding the origin of very heavy showers. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Rafailova, Kh. Kh. - Seasonal and adaptation of mesoscale fields over separated sectors of the Northern Hemisphere and the forecast of the monthly mean air temperature over the U.S.S.R. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Ragimov, A.P. - Effect of climate factors on the reliability of electric power supply in the subtropical zone of the Azerbaijan S.S.R. *Za tash. prog.* 8 no. 19-15-77 0 '82.
- Rakhimovskiy, A.S. - Some characteristics of the activity of chromospheric flares based on observations in the period of the IGTY and IOT. *Izvest. Akad. Nauk, Ser. Geofiz.* no. 8-85-85 '84.
- Rashkov, A.L., Kiselevskiy, A.A. - Relation of the velocity of displacement of cold fronts to the wind in intervening layers. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Ravichuk, R.A. - Expediency of taking into account characteristics of summer rains in making weather forecasts for May and June. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.

- Shcherbakova, R.I. - Forecast of the excess of precipitation in June in the southern part of Western Siberia and northern Kazakhstan. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Stalov, I.G., Krichak, S.O. - Practice in the numerical solution of the equation of balance in limits of the quasi-geostrophic prediction scheme of geopotential in the Northern Hemisphere. *Trudy Len. gidromet. inst.* no. 1933-30 '82.
- Stoykov, S.E. - Determination of the albedo of large portions of the earth's surface from measurements of sky polarization. *Trudy GOO* no. 213-18-84 '85.
- Stoykovskiy, A.I. - Analysis of conditions for the beginning of a dangerous deposition of wet snow. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Stoykov, V.D. - Objective analysis of the geopotential field with inclusion of additional information. *Trudy Len. gidromet. inst.* no. 19 72-77 '85.
- Strizhevskiy, L.M. - Filtering fields obtained in the result of nonlinear transformations of initial values of meteorological elements. *Trudy Len. gidromet. inst.* no. 1933-30 '82.
- Tatarovskiy, M.S., Malashov, E.A. - Some problems of the methodology of the optimum three-dimensional statistical interpretation of a geopotential. *Trudy Len. gidromet. inst.* no. 19 87-77 '85.
- Trifonov, Y.A. - Studies of the thermal regime during precipitation. *Trudy GOO* no. 213-18-84 '85.
- Turkeli, K.L. - One of the classifications of macro-processes. *Trudy Len. gidromet. inst.* no. 2175-83 '85.
- Zakharova, M.M. - Use of autumn signs in making weather forecasts for September. *Trudy Len. gidromet. inst.* no. 2175-83 '85.
- Zilinskiy, S.S. - General circulation of the atmosphere and the ocean (Mathematical models). *Zem. i vod.* no. 51-13 8-0 '82.
- 551.5(713) - Hot (tropical, subtropical) regions
- Khodakov, V.P. - Some characteristics of the distribution of thermal values of total solar radiation in the subtropical zone of the Northern Hemisphere. *Trudy GOO* no. 213-18-84 '85.
- 551.5(711) - Atlantic Ocean
- Bentley, R.O. - Seasonal variation of meteorological conditions in the tropical Atlantic in 1943. *Trudy Akad. Nauk* no. 19 43-43 '87.
- Labadev, A.M. - Effect of the Atlantic and Indian Oceans on the formation of climates in Africa. *Trudy GOO* no. 213-18-84 '85.
- 551.5(716) - Pacific Ocean
- Sorokina, O.G., Petrovskiy, M.P., Petrova, V.D. - Moisture circulation in tropical latitudes of the Indian and Pacific Oceans. *Trudy GOO* no. 213-18-84 '85.
- 551.5(717) - Indian Ocean
- Labadev, A.M. - Effect of the Atlantic and Indian Oceans on the formation of climates in Africa. *Trudy GOO* no. 213-18-84 '85.
- Sorokina, O.G., Petrovskiy, M.P., Petrova, V.D. - Moisture circulation in tropical latitudes of the Indian and Pacific Oceans. *Trudy GOO* no. 213-18-84 '85.
- 551.5(718) - European U.S.S.R.
- Ovchinnikov, M.O. - Characteristics of the thermal regime of soils in the northern and northwestern areas of the European part of the U.S.S.R. *Trudy GOO* no. 213-18-84 '85.
- Kryukova, M.E. - Some synoptic data on severe hail storms over the southern area of the European part of the U.S.S.R. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Malashov, A.I., Kiselevskiy, A.A. - Effect of the northern part of the Central Russian Upland on the pressure field and fronts. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Malashovskiy, A.I., Koroleva, Y.A. - Forecast of heavy squalls in the central area of the European part of the U.S.S.R. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- 551.5(711.1) - Northwestern R.S.F.S.R.
- Dmitriyev, K.P. - Basic characteristics of the distribution of glass phenomena in the northwestern regions of the U.S.S.R. *Trudy GOO* no. 213-18-84 '85.
- 551.5(711.2) - Central Black Earth regions
- Krasovskiy, M.L., Mikhlin, S.P. - Synoptic conditions of snowstorms in the Central Chernozem regions. *Sov. rab. Kurat. gidromet. obsch.* no. 4-103-103 '80.
- Plavitskiy, Y.M. - Reliability of long-range weather forecasts in the Central Chernozem regions. *Sov. rab. Kurat. gidromet. obsch.* no. 4-103-103 '80.
- Yurkovskiy, M.M. - Climate characteristics of snowstorms in the Central Chernozem regions. *Sov. rab. Kurat. gidromet. obsch.* no. 4-103-103 '80.
- 551.5(711.3) - Lipetsk Province
- Davtyan, V.Y. - Agrometeorological conditions governing the germination of vetches in Lipetsk Province. *Sov. rab. Kurat. gidromet. obsch.* no. 4-103-103 '80.
- 551.5(711.4) - Ural regions
- Mamayev, R.A. - Climate resources of the Urals in relation to plant acclimatization problems. *Trudy Inst. anal. i klimat.* no. 84-1-44 '87.
- Yalakov, Y. - Reliability of forecasts in the Urals. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.

- 551.5(711.5) - Krasnodar Territory
- Matkhevskaia, A.V. - Forecast of frontal rains in the Novorossiysk region. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- 551.5(717) - Ukrainian S.S.R.
- Bolshakov, M.D. - Spatial distribution of clouds of cold fronts over the Ukraine. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- 551.5(717.1) - Asiatic R.S.F.S.R.
- Rykov, G.O. - Characteristics of the continuous duration of low winter temperatures in Western Siberia. *Trudy GOO* no. 213-18-84 '85.
- 551.5(717.1) - Uzbek S.S.R.
- Khasanov, A. - Temperature regime of the soil, semi-vegetative period in Uzbekistan's zone of dry farming. *Nauch. trudy TashGU* no. 210-27-44 '87.
- 551.5(717.3) - Tajik S.S.R.
- Sosnovskiy, V.M., Amindzhonov, M.A. - Some physical-geographical and climatic characteristics of the southern slope of the Gissar Range. *Trudy Tashk. univ. fiz.-mat. nauk.* 19343-150 '85.
- 551.5(718) - Africa
- Borishko, I.A. - Methodology of the calculation of the characteristics of wind velocities based on meteorological observations in Africa. *Trudy GOO* no. 213-18-84 '85.
- Korova, A.I., Tolstoy, P.G. - Humidity content and transport of water vapor over Africa. *Trudy GOO* no. 213-18-84 '85.
- Labadev, A.M. - Effect of the Atlantic and Indian Oceans on the formation of climates in Africa. *Trudy GOO* no. 213-18-84 '85.
- Labadev, A.M. - Seasonal changes and position of the intertropical convergence zone and trade-wind flow in Africa and their relation to climate. *Trudy GOO* no. 213-18-84 '85.
- 551.5(718) - Central America
- Kodras, O.D. - Space-time variability of precipitation in Central America and the West Indies. *Trudy GOO* no. 213-18-84 '85.
- Kodras, O.D. - Thermal and humidity regime of the troposphere of Central America and the West Indies and its relation to circulation. *Trudy GOO* no. 213-18-84 '85.
- 551.5(718) - West Indies
- Kodras, O.D. - Space-time variability of precipitation in Central America and the West Indies. *Trudy GOO* no. 213-18-84 '85.
- Kodras, O.D. - Thermal and humidity regime of the troposphere of Central America and the West Indies and its relation to circulation. *Trudy GOO* no. 213-18-84 '85.
- 551.500 Meteorological instruments
- Kozyrev, B.P., Doshakov, V.A. - Spectral studies of angular characteristics of pyrometers and balance meters. *Trudy GOO* no. 213-18-84 '85.
- 551.500 Weather forecasting
- Abdullayev, V.Y. - Forecast of storm winds in Bakhin and adjacent areas. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Akmalov, V.D., Matkhevskaia, A.V., Tiler, V.M. - Statistical description of snow-cover fields by the method of distribution by natural orthogonal functions. *Trudy GOO* no. 213-18-84 '85.
- Arslanov, M.A., Dzhaniyev, L.L. - Long-range synoptic in the last 50 years. *Trudy Len. gidromet. inst.* no. 18 3-11 '88.
- Borishko, I.A. - Characteristics of atmospheric processes and weather in June 1959 and possibility of their long-range forecast. *Trudy Len. gidromet. inst.* no. 14 30-35 '82.
- Borishko, I.A. - Analysis of the forecast and actual development of atmospheric processes and weather in November 1944. *Trudy Len. gidromet. inst.* no. 213-18-84 '85.
- Borishko, I.A., Rodicheva, L.M. - Using characteristics of natural synoptic seasons in compiling monthly weather forecasts. *Trudy Len. gidromet. inst.* no. 18 13-18 '88.
- Deopillay, D.A. - Long-range forecast of precipitation in May. *Trudy Len. gidromet. inst.* no. 18 19-44 '88.
- Kashova, M.P., Akmalov, V.D., Tiler, V.M. - Statistical scheme of forecasting mean temperatures for a ten-day period, taking into account data of radiation fluxes, cloud cover, ice, and snow cover. *Trudy GOO* no. 213-18-84 '85.
- Kutik, M.I. - Principal problems in physico-mathematical methodology of advanced long-range weather forecasting. *Trudy GOO* no. 213-18-84 '85.
- Kiselevskiy, L.N., Matkhevskaia, A.V., Rafailova, Kh. Kh. - Objective method for selection of analogs on the M-30 electronic computer. *Trudy Len. gidromet. inst.* no. 18 78-88 '88.
- Matkhevskaia, A.V. - Development of the methodology of the prediction of baric fields for several days. *Trudy Len. gidromet. inst.* no. 18 3-8 '88.
- Pod', D.A., Matkhevskaia, A.V. - Formation of the seasonal anomaly of air temperature depending on the effect areas of greatest variability of meteorological elements. *Trudy Len. gidromet. inst.* no. 12 65-84 '88.

501, 508 (Continued)

- 501, 508 (Continued)
 Rafailova, Kh. Kh. - Succession and conjugation of tectonic fields over separated sections of the Northern Hemisphere and the forecast of the monthly mean air temperature over the U.S.S.R. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Sovetskaya, M. A. - Expediency of taking into account characteristics of summer signs in making weather forecasts for May and June. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Shubertskaya, G. M. - Forecast of the excess of precipitation in June in the southern part of Western Siberia and northern Kazakhstan. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Tarkenton, Z. L. - One of the classifications of meteorological processes. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Zakharova, M. M. - Use of autumn signs in making weather forecasts for September. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Zhelezov, M. L. - Physico-mathematical method of long-range weather forecasting. *Trudy Len. gidromet. inst.* no. 313-32 '68.

501, 509 (522, 24) - European rivers

- Chernykh, B. M., Anisimov, K. G., Balashova, I. V. - Methodology of forecasts of the beginning of the sheet ice formation period on reservoirs of the Volga Cascade of hydroelectric power stations. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Lewis, A. G., Franko, V. B. - Methodology for the forecast of rain floods as revealed by a study made of the Dniester River at Zaleschik. *Trudy Len. gidromet. inst.* no. 313-32 '68.

501, 509 (471, 233) - Leningrad City

- Mikhailov, Yu. D., Moskov, V. G. - Methods for improving forecasts of Leningrad floods. *Trudy GGI* no. 147: 130-133 '68.

501, 509 (571) - Atlantic R. S. S. R.

- Chernov, I. M. - Some characteristics of atmospheric processes over Siberia and their use for the forecast of the appearance of ice in the lower Yenisey Valley. *Trudy Len. gidromet. inst.* no. 313-32 '68.
 Shishov, V. G. - Forecasting the deficit of precipitation in June in the northern part of Kazakhstan and Western Siberia. *Trudy Len. gidromet. inst.* no. 313-32 '68.

501, 509 (571, 51) - Krasnoyarsk Territory

- Krasnova, M. D. - Methodology of the long-range forecast of the beginning of the sheet ice formation in the Krasnoyarsk Reservoir. *Trudy Len. gidromet. inst.* no. 313-32 '68.

501, 509 Various atmospheric phenomena, influences

- Kozlovskaya, T. V. - Soil electron energy measurement in the upper atmosphere on December 21, 1962. *Kosm. issl.* 8 no. 5:795-797 B-O '68.

501, 509 (491, 1) - Iceland

- Abraham, R. V. - Calculation of basic statistical models of the position and depth of the Iceland atmospheric depression. *Trudy AtlantNRO* no. 18:37-48 '67.

501, 509 Historical geology, stratigraphy

- Makharov, Yu. V., Labada, V. I. - Correlation of the composition of ferromagnesian-containing minerals of metamorphic rocks. Part I: Garnet-cordierite-biotite gneisses of the Adoga formation. *Vest. LGU* 23 no. 5:28-43 Je '68.
 Portalskiy, E. I. - Comparative analysis of the distribution of species of Diptera in Paleogene sediments of the Jura geosyncline region. *Izv. vyz. uchob. zav. geol. i razv.* II no. 4:30-38 Ap '68.
 Sidorenko, A. V., Sidorenko, S. A. - Distribution of the assumed biogenic carbon in the Precambrian. *Dokl. AN SSSR* 183 no. 1:181-184 '68.

501, 509 (523) - Mountains of Asia

- Kozlovskaya, A. I. - Graptolites and the stratigraphy of Lower Silurian sediments of the Olenyok Mountains and the Khaykhay Mountains (Northwestern U.S.S.R.). *Izv. vyz. uchob. zav. i geol. i razv.* II no. 4:81-89 Ap '68.

501, 509 (470) - European U.S.S.R.

- Makharov, A. M. - Structure of the Cretaceous superhorizon of the southern wing of the Moscow Basin based on logging data. *Izv. vyz. uchob. zav. i geol. i razv.* II no. 4:141-144 Ap '68.

501, 509 (471) - Russian Soviet Federated Socialist Republic (R. S. S. R.)

- Lashchenko, A. I., Ostrovskiy, M. I. - Structure of Devonian sediments in the central regions of the Russian Platform and their oil and gas potentials. *Geol. nefti i gaza* 13 no. 11:41-48 M '68.

501, 509 (471, 48) - Volgograd Province

- Shkare, I. A., Sh. - Predicting buried structures in the terrigenous Devonian in the Volga Valley portion of Volgograd Province. *Geol. nefti i gaza* 13 no. 11:38-43 M '68.

501, 509 (471, 8) - Ural regions

- Varganov, V. G., Asteygin, N. A., Pleschinskaya, V. A. - Stratigraphy of the Ordovician in the Central Ural. *Dokl. AN SSSR* 183 no. 1:186-188 '68.

501, 509 (471, 82) - Bashkir A. S. S. R.

- Morozov, S. G., Chibrikov, N. V., Chagayev, A. I. - Lower Devonian and Silurian sediments in the Turgay-Ay Lowland and their oil and gas potentials. *Geol. nefti i gaza* 13 no. 11:38-41 M '68.

501, 509 (471, 86) - Orenburg Province

- Vorob'ev, A. A., and others. - Pre-Kazanian tectonic area of the southeastern platform portion of Orenburg Province. *Geol. nefti i gaza* 13 no. 11:15-23 M '68.

501, 509 (471) - White Russian S. S. R.

- Pavlovich, V. I., Semenov, A. D. - Lower Permian sediments in the western part of White Russia. *Dokl. AN SSSR* 183 no. 1:251-254 M '68.

501, 509 (477, 8) - Crimea

- Gordiyev, V. A., and others. - Evaluating the prospects for gas occurrences in Maykop sediments in the water area of the Karadag Gulf. *Neftgaz, geol. i geofiz.* no. 10:2-8 '68.

501, 509 (479) - Caucasus and Transcaucasia

- Kozlov, V. S., Kozlov, L. A. - Lower boundary of Khadom sediments in the central and northwestern regions of central Transcaucasia. *Dokl. MOIP, Old. geol.* 43 no. 3:31-37 My-Je '68.
 Saljan, M. A., Stepanova, Zh. O., Cholakian, L. S. - New data on the Upper Cretaceous volcanic-sedimentary formation in the western part of the Lesser Caucasus. *Dokl. MOIP, Old. geol.* 43 no. 3:90-98 My-Je '68.

501, 509 (479, 82) - Georgia S. S. R.

- Mokhtiev, Sh. V., Davlatov, M. Y., Aliev, D. A. - Organic carbon content in the Tertiary sediments of Georgia. *Neftgaz, geol. i geofiz.* no. 10:22-28 '68.

501, 509 (471) - Asiatic R. S. S. R.

- Hickson, P. T. - Interfluvial and barrier terrigenous and mineralogical facies of the West Siberian Plains. *Dokl. MOIP, Old. geol.* 43 no. 3:73-80 My-Je '68.
 Oke, Yu. G., and others. - New data on the stratigraphy of Upper Permian sediments in the middle Lower Tunguska Valley. *Uch. zap. MIOA, Paleont. i biostr.* no. 14:2-10 '68.

501, 509 (471, 15) - Altai Territory

- Mironov, Yu. V. - Lithology and stratigraphy of phosphorite-bearing sediments in Gornaya Shoriya. *Trudy VSEGEI* 148:70-84 '68.

501, 509 (471, 151) - Gorno-Altai Autonomous Province

- Mishin, E. A., Borisev, A. A. - Characteristics of the geology of loess sediments in the Gornaya Altai as revealed by a study made on an exposure at Kravoy Yar. *Vest. LGU* 23 no. 5:128-136 S '68.

501, 509 (471, 17) - Kemerovo Province

- Afonin, A. I., Kharin, G. S. - Concentration of phosphorites in the Anzhera horizon of the Cambrian of the Belair Ridge. *Trudy VSEGEI* 148:115-120 '68.
 Dragunov, V. I., and others. - Phosphorite potential in Lower and Middle Devonian sediments of the Belair Ridge. *Trudy VSEGEI* 148:111-114 '68.
 Mironov, Yu. V. - Lithology and stratigraphy of phosphorite-bearing sediments in Gornaya Shoriya. *Trudy VSEGEI* 148:70-84 '68.

501, 509 (471, 51) - Krasnoyarsk Territory

- Makharov, V. A. - Sediments of the Ust'-Kat stage in the Khantayka basin. *Uch. zap. MIOA, Paleont. i biostr.* no. 14:1-17 '68.
 Malchuk, R. G. - Devonian phosphorites of the Noril'sk region. *Trudy VSEGEI* 148:121-127 '68.

501, 509 (471, 53) - Irkutsk Province

- Shchegolev, I. L., Lapina, L. A. - Mesozoic sediments on the Palen Plateau. *Dokl. MOIP, Old. geol.* 43 no. 3:25-34 My-Je '68.

501, 509 (471, 54) - Yakut A. S. S. R.

- Parnitskiy, M. A. - Basis of the stratigraphic division of coal-bearing sediments of the Aldan region according to data on spore-pollen studies. *Uch. zap. MIOA, Paleont. i biostr.* no. 14:1-14 '68.
 Bolodukhin, R. V., Kozlovskaya, L. A. - Stratigraphy of Carboniferous sediments of the Olenyok Range (Verkhoyansk Range). *Uch. zap. MIOA, Paleont. i biostr.* no. 14:15-24 '68.

501, 509 (471, 52) - Khabarovsk Territory

- Okrasova, T. M. - Some problems in the Upper Triassic stratigraphy of the Bureya-Amgun interfluvial. *Dokl. AN SSSR* 183 no. 1:251-252 '68.

501, 509 (471, 62) - Maritime Territory

- Kraslov, V. A. - First finds of Devonian flora in the Maritime Territory. *Dokl. AN SSSR* 183 no. 1:173-178 '68.

501, 509 (471, 64) - Sakhalin Province

- Kozlov, L. S., Kozlov, I. M., Popova, L. A. - Bioherms characterized of the Late Miocene and Pliocene Basins in northeastern Sakhalin. *Dokl. MOIP, Old. geol.* 43 no. 3:23-34 My-Je '68.

501, 509 (471) - Kamuk S. S. R.

- Alakshina, V. I., Ivanov, Yu. A., Kravtsov, I. A. - Division of Lower and Middle Jurassic productive sediments in the eastern edge of the Caspian Lowland. *Geol. nefti i gaza* 13 no. 11:23-28 M '68.
 Bekirov, A. B., and others. - Find of graptolites of the Transcaucasian stage in the Kamyshinka series (Kamyshinka Ridge, South Kazakhstan). *Dokl. AN SSSR* 183 no. 1:121-123 '68.
 Gribberg, L. G., Dimakov, A. I. - Pre-Permian basement in the Mangyshlak Peninsula and Ustyurt. *Sov. geol.* II no. 5:100-113 O '68.
 Kiselev, Yu. M. - Pliocene and Quaternary sediments and the geological history of Ustyurt and the Mangyshlak Peninsula. *Dokl. MOIP, Old. geol.* 43 no. 3:1-18 My-Je '68.
 Kiselev, V. A., Morozov, P. V. - Cyclicity in the development of the Mangyshlak Peninsula, Ustyurt, and adjacent regions in the Permian and Triassic. *Dokl. MOIP, Old. geol.* 43 no. 3:18-31 My-Je '68.
 Perekhina, Y. V., Rybakovskaya, R. V. - Ring structures in the northwestern part of the Dagestan-Balkhash fold system (central Kazakhstan). *Vest. LGU* 23 no. 12:15-28 Je '68.

501, 509 (471) - Central Asia

- Beck, F. R. - Stratigraphy of the Upper Carboniferous marine facies of the Tien Shan. *Dokl. MOIP, Old. geol.* 43 no. 3:59-66 My-Je '68.

501, 509 (471, 1) - Uzbek S. S. R.

- Gribberg, L. G., Ivanov, Yu. A., Malchuk, Yu. M. - Boundary between Jurassic and Cretaceous systems in the southern part of the Upper Amu Darya Depression. *Sov. geol.* II no. 10:37-47 O '68.
 Semakovich, V. V., and others. - Reef structures in western Uzbekistan. *Geol. nefti i gaza* 13 no. 10:18-20 O '68.

501, 509 (471, 173) - Kara-Kalpak A. S. S. R.

- Kiselev, Yu. M. - Pliocene and Quaternary sediments and the geological history of Ustyurt and the Mangyshlak Peninsula. *Dokl. MOIP, Old. geol.* 43 no. 3:1-18 My-Je '68.
 Kiselev, V. A., Morozov, P. V. - Cyclicity in the development of the Mangyshlak Peninsula, Ustyurt, and adjacent regions in the Permian and Triassic. *Dokl. MOIP, Old. geol.* 43 no. 3:18-31 My-Je '68.

501, 509 (471, 4) - Turkmen S. S. R.

- Makharov, I. A., Kozlov, Yu. V., Terekhov, A. A. - History of geological development of the eastern part of the Chirchik-Livorno zone of uplift during the Pliocene-Quaternary time. *Geol. nefti i gaza* 13 no. 10:28-31 '68.

501, 509 (471) - Afghanistan

- Kozlov, V. S., and others. - New data on Paleozoic sediments of the southeastern margin of the Taran Plateau. *Dokl. AN SSSR* 183 no. 1:169-173 '68.

501, 509 Paleogeography

501, 509 (470) - European U.S.S.R.

- Nyazov, D. K. - Using the statistical method of measuring the orientation of pebbles for the clarification of conditions governing the sedimentation of sediments. *Izv. vyz. uchob. zav. i geol. i razv.* II no. 4:145-151 Ap '68.

501, 509 (471, 11) - Arhangelsk Province

- Krasov, M. M., Pavlov, M. M. - Basic stages and characteristics of the Pre-Quaternary paleogeography of the middle taiga area (within Arhangelsk and Vologda Provinces). Part 2. *Vest. LGU* 23 no. 10:97-102 S '68.

501, 509 (471, 13) - Vologda Province

- Krasov, M. M., Pavlov, M. M. - Basic stages and characteristics of the Pre-Quaternary paleogeography of the middle taiga area (within Arhangelsk and Vologda Provinces). Part 1. *Vest. LGU* 23 no. 10:97-102 S '68.

501, 509 (471, 63) - Muraviovsk Territory

- Lavrenko, A. I. - Barial mounds and the river network in the southwestern Caspian Lowland. *Sov. arkhool.* no. 3:248-254 '68.

501, 509 (470, 23) - Georgian S. S. R.

- Topolnitskiy, M. V. - New data on the paleogeography of the Dzirula Massif in the Lower Jurassic. *Dokl. AN SSSR* 183 no. 1:129-134 J '68.

501, 509 Paleology, Paleogeography

- Bukharova, V. A., Khlybov, V. V. - Examples of the endogenous argillification of granites adjacent to crystalline rocks. *Trudy Inst. geol. Komi NI, AN SSSR* no. 9:28-48 '68.

- Yakovlev, A. D., Makharov, T. A., Nivonova, L. M. - Hydrothermal synthesis of fibrous nickel amphibole and some of its properties. *Izv. AN SSSR, Neorg. mat.* 4 no. 5:784-787 My '68.

- Kuznetsov, D. A., Chikhachev, Sh. G. - Effect of humidity on the thermal coefficients of some sedimentary rocks of a granular structure. *Dokl. AN SSSR* 183 no. 1:1:24-25 J '68.

- Korytov, F. I. - Vela mylenites. *Izv. vyz. uchob. zav. i geol. i razv.* II no. 4:123-125 Ap '68.

662 (Continued)

- Moskikh, I., and others. - Studying the petrophysical parameters of rocks for the calculation of oil reserves in dolomites of the Dzhir-Dybaik field. *Geol. natl. gaz.* 12 no. 11:51-56 M '88.
- Moskikh, V. G. - Some characteristics of the arrangement of a fault on petrography for teachers colleges. *Vop. geol. geog. i khran.* no. 3:24-26 '86.
- Nodolova, K. F., and others. - Studying the characteristics of porous hydrocarbons in the organic matter of sedimentary rocks and oils by means of gas-liquid chromatography. *Geol. natl. gaz.* 12 no. 11:51-56 '88.
- Nodolova, K. F., Chetverikova, O. P. - Basic types of scattered organic matter in rocks and its effect on the formation and composition of syngenetic hydrocarbons. *Geol. natl. gaz.* 12 no. 10:48-53 O '88.
- Rogozina, E. A. - Changes in the porosity of argillites in the zone of metamorphism. *Geol. natl. gaz.* 12 no. 11:51-56 '88.
- Vasovskiy, M. R., Berger, M. G. - Designating names to petroleum and their fractions according to their hydrocarbon composition. *Geol. natl. gaz.* 12 no. 11:51-56 '88.
- Vysotskiy, L. A., Tsvetkov, V. A. - Contact effect of ultrabasic. *Sov. geol.* 11 no. 11:127-130 O '88.

662(474)—Mountains of Europe

- Bailly, O. V., Alshukov, A. L. - Shape of the Krasnoyarsk-Kamchatka massif and its relation to the tectonic structure of regions based on gravimetric data. *Geofiz. sbor. knizh. geofiz. i geol. AN SSSR* no. 6:39-47 '87.
- Fishina, M. V., Gokha, R. A., Kholod, K. P. - Characteristics of the evolution of magmatic and metamorphic processes in the southern part of the Pechora Ural. *Trudy Inst. geol. Khim. AN SSSR* no. 9:8-12 '88.
- Golov, V. G., Ivanova, T. I. - Effect of metamorphism on the distribution of trace elements in sedimentary metamorphic rocks in the southern part of the Tianshan Ridge. *Trudy Inst. geol. Khim. AN SSSR* no. 9:100-102 '88.

662(475)—Mountains of Asia

- Khodovskiy, P. I. - Quantitative relationship of dikes of different composition of the Kuz'-Kuznetsk Alatau complex (Kuz'-Kuznetsk Alatau). *Vest. LGU* 22 no. 12: 140-145 Je '88.

662(476)—Arctangel Province

- Mil'kov, B. A. - Kiselevsk dolerites of the Kuz'-Kuznetsk Alatau. *Trudy Inst. geol. Khim. AN SSSR* no. 6:23-24 '88.

662(477)—Murmansk Province

- Gurilova, L. L. - Petrography of gneiss on metabasite ("chertolka") from the Vorkuta Tundra. *Mit. sbor.* 21 no. 4:233-238 '87.
- Gorobashko, G. L. - Elron as one of the criteria of the primary nature of rocks of granulite facies of the Kola Peninsula. *Dokl. AN SSSR* 123 no. 11:123-126 '88.

662(478)—Astrakhan Province

- Kocherzhenko, S. B. - New data on the lithology and reservoir properties of the Paleogene sediments of the Karapinsk well and the Astrakhan in connection with evaluating prospects for oil and gas occurrences. *Makguz. geol. i geofiz.* no. 6:24-26 '88.

662(479)—Ural regions

- Krivonoz, A. I. - Practice in compiling large scale maps of metamorphic and volcanic formations, as revealed by a study made in the Borkhayskaya area, the Southern Ural. *Sov. geol.* 11 no. 11:127-130 O '88.

662(480)—Perm Province

- Makshimovskiy, G. A., Kiselev, I. I. - Formation of secondary porosity and its effect on metamorphic dolomitization of limestones in the Kama Valley portion of Perm Province. *Geol. natl. gaz.* 12 no. 11:51-56 '88.

662(481)—Northern Caucasus

- Kocherzhenko, S. B. - New data on the lithology and reservoir properties of the Paleogene sediments of the Karapinsk well and the Astrakhan in connection with evaluating prospects for oil and gas occurrences. *Makguz. geol. i geofiz.* no. 6:24-26 '88.

662(482)—Krasnodar Territory

- Karimovskiy, D. D., Dzhankov, A. L. - New lithological bounded Upper Cretaceous pools in the Khadymsk oil- and gas-bearing region and methods for their exploration. *Makguz. geol. i geofiz.* no. 10:15-18 '88.

662(483)—White Russia S. S. R.

- Parizhevskiy, V. I., Bezuchiy, A. D. - Lower Permian sediments in the western part of White Russia. *Dokl. AN SSSR* 123 no. 3:238-244 '88.

662(484)—Ukrainian S. S. R.

- Laym, A. L. - Amphiboles from Yeliseyevsk in the region of the Sea of Azov. *Mit. sbor.* 21 no. 4:243-248 '87.

662(477, 6)—Domest Basin

- Dvornikov, A. G., Vikhovskaya, K. O. - Characteristics of the distribution and composition of iron silicates from the coals of the Donetsk Basin. *Zap. Vses. min. ob-va Ser. 2.* 97 no. 3:208-210 '88.

662(478, 23)—Georgian S. S. R.

- Tshvachidze, G. K. - Genesis of quartz-diorites and plagiogranites of upper Swastia. *Sob. AN Gruz. SSR.* 21 no. 12:141-146 JI '88.

662(479)—Azerbaijan S. S. R.

- Erdemova, P. T. - Baidarvian and Baidarvian terrigenous and mineral (oil) shales of the West-Siberian Plain. *Bul. MOIP. Old. geol.* 43 no. 3:73-80 My-Je '88.
- Isaevskiy, G. S. - Regularities in the distribution of petroleum rocks and oil and gas fields in the Upper Jurassic sediments in the Shabran portion of the Ural Mountains region. *Makguz. geol. i geofiz.* no. 6:24-26 '88.
- Mikhailov, A. S., Svetitskiy, M. I. - Structure and phosphate potential of volcanic siliceous formations of the Western Bayan Mountains and Tura. *Trudy VSEGEI* 146:46-54 '88.

662(474)—Kazakhstan S. S. R.

- Potomskiy, G. P., Golovskiy, A. S. - Age of siliceous-sapropel sediments of the southern margin of the Kokshetau anticlinorium. *Bul. MOIP. Old. geol.* 43 no. 3:77-78 My-Je '88.

662 Economic geology. Minerals. Ores

- Activities of the Section of Minerals on the Scientific Conference of the Moscow Geological Prospecting Institute. *Izv. vyz. ucheb. zav. i geol. i razv.* 11 no. 4:124-126 Ap '88.

- Bagov, V. I., Rastvorov, M. M. - Ways of solving problems of the genesis of lead phosphorite rocks. *Trudy VSEGEI* 146:54-57 '88.

- Bondarenko, V. G. - Orientation determination of the volume of the possible recovery of ore in preliminary evaluation from ore deposits. *Izv. vyz. ucheb. zav. i geol. i razv.* 11 no. 4:124-126 Ap '88.

- Chimeneva, L. I., Kolodantsev, M. P., Krasov, V. A. - Influence of the nature of sodium silicates on the flotation of ores of native sulfur. *Parad. opyt v stroit. i eksp. shchik* no. 4:170-183 '87.

- Dobryshchikov, G. M., Makarov, M. V. - Kinetics of auto-oxidation of chalcopyrite. *Makguz. geol. i geofiz.* 26 no. 6:1703-1708 Ag '88.

- Gulibek, V. A. - Accuracy of the chemical analysis of silicate rocks. *Vest. LGU* 22 no. 11:120-121 Je '88.
- Gerasimov, M. K., Rodko, R. S., Shukhova, A. V. - Origin of phosphorites. *Trudy VSEGEI* 146:40-49 '88.

- Gerasimov, M. K. - Stages of the circumvent hydrothermal metamorphism of sedimentary rocks. *Zap. Vses. min. ob-va Ser. 2.* 97 no. 3:232-240 '88.
- Kaganovskiy, A. I. - Prices of explored mineral resources. *Sov. geol.* 11 no. 10:64-103 O '88.

- Karapetian, K. T. - Determination of sulfide nickel in sulfide ores and concentrates. *Izv. vyz. ucheb. zav. i geol. i razv.* 11 no. 4:124-126 Ap '88.

- Kinetics of the effect of sodium silicate in the flotation of ores of native sulfur. *Parad. opyt v stroit. i eksp. shchik* no. 4:170-183 '87.

- Kocherzhenko, S. B. - Kinetics of the effect of sodium silicate in the flotation of ores of native sulfur. *Parad. opyt v stroit. i eksp. shchik* no. 4:170-183 '87.

- Kocherzhenko, S. B., Dzhankov, A. L. - Effect of the pH of solutions and age of hydrothermal alteration on the formation of alkali-sulfate deposits of lead in the structure formation of adobe. *Vest. AN SSSR. Ser. khim. i fiz.* no. 3:14-18 '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Krasovskiy, S. D., Sobol'man, M. I., Fomochov, I. V. - On the distribution of aluminum in ruby. *Izv. AN SSSR. Neorg. natl.* 4 no. 5:723-734 My '88.

- Vikhovskiy, M. I. - Formation and distribution of basic types of carbonate mineral waters in the U. S. S. R. *Vest. LGU* 22 no. 12:15-18 S '88.

662(470)—European U. S. S. R.

- Skorokhod, V. Z., Karpov, A. F. - Distribution of economic coal potential in the Moscow Basin. *Izv. vyz. ucheb. zav. i geol. i razv.* 11 no. 4:124-126 Ap '88.

662(471, 13)—Komi A. S. S. R.

- Meyakhi, N. A. - Effect of natural and climatic factors upon the structure of the fuel and power resources of the Komi A. S. S. R. *Probl. Razv.* no. 1:105-118 '87.

662(471, 21)—Murmansk Province

- Podnikov, P. P., Savitskiy, V. G., Petrovskiy, I. M. - Study of the properties of cation-exchangeable forms of Kovdor vermiculite deposits. *Izv. vyz. ucheb. zav. i geol. i razv.* 11 no. 4:124-126 Ap '88.

662(471, 6)—Ural regions

- Stepanov, I. R. - Conditions governing the formation of placer in the areas of Quaternary glaciation as revealed by a study made on the western slope of the Central and Northern Ural. *Dokl. AN SSSR* 123 no. 11:123-126 '88.

- Zhoravskiy, M. A., Sazonov, M. M., Viorovskiy, A. V. - Mineral potential of the ancient weathering surface of ultrabasic rocks of the Alapayevsk Massif. *Sov. geol.* 11 no. 10:64-103 O '88.

662(476)—White Russian S. S. R.

- Lupinovich, I. I., and others. - Potassium potential of the northwestern part of the Pripyet Depression. *Dokl. AN SSSR* 123 no. 3:247-251 My '88.

662(477, 6)—Western Ukraine

- Gabriel, M. P. - Authigenic mineral forms of sulfur and iron and bituminosity of rocks of the Polyanin series of the Ukrainian cis-Carpathian region. *Mit. sbor.* 21 no. 4:233-238 '87.

- Khodovskiy, P. I., Khodovskaya, S. V. - Role of supergene processes in the genesis of potassium deposits of the cis-Carpathian region. *Vest. LGU* 22 no. 12:15-18 S '88.

662(479, 24)—Azerbaijan S. S. R.

- Shakhmatovskiy, G. B., Alimova, E. I., Krasovskiy, K. A. - Reduction of Dushkasan iron ore by hydrogen at high pressures. *Azerb. khim. zhurn.* no. 6:112-118 '88.

- Shakhmatovskiy, G. B., Alimova, E. I., Krasovskiy, K. A. - Reduction of Dushkasan iron ore by hydrogen at high pressures. *Azerb. khim. zhurn.* no. 6:112-118 '88.

662(479, 26)—Armenian S. S. R.

- Karapetian, A. I. - Age and ore potential of the Yeghghnatskaya (Yakhratskaya) intrusion in the Panabak ore region of the Armenian S. S. R. *Dokl. AN Arm. SSR* 48 no. 4:123-124 '88.

- Oganesyan, M., Atanogyan, E. A. - Production of talc, pectolite, staurolite and pyroxene in Armenia. *Probl. Arm.* 14 no. 6:11-13 '88.

662(479, 2)—Bulgaria

- Radonova, G. G., Karapetian, E. - Loose aggregates of topaz from secondary quartzites of Brezova Gora. *Zap. Vses. min. ob-va Ser. 2.* 97 no. 3:248-251 '88.

662(471)—Azerbaijan S. S. R.

- Bagov, V. I., Makshimovskiy, G. A., Petrovskiy, I. M. - Phosphate mineralization of the Karapinsk well. *Trudy VSEGEI* 146:120-121 '88.

- Bagov, V. I. - Some characteristics of the localization of phosphorites. *Trudy VSEGEI* 146:30-39 '88.

- Derzhikov, I. V. - Problems of the genesis of "contact-metamorphic" iron deposits as revealed by a study made in the deposits of the Ural-Bayan area. *Sov. geol.* 11 no. 4:124-126 Ap '88.

- Derzhikov, I. V., Krasovskiy, S. D. - Behavior of formation in the supergene zone of complex metal deposits (southern Transbaikalia). *Zap. Vses. min. ob-va Ser. 2.* 97 no. 3:241-248 '88.

- Krasovskiy, S. D. - Problem of prospecting for large deposits rich with phosphorites in Siberia. *Trudy VSEGEI* 146:120-121 '88.

- Mikhailov, A. S., Svetitskiy, M. I., Gerasimov, M. K. - Phosphate resources of Siberia: geological and economic review. *Trudy VSEGEI* 146:118-120 '88.

- Mikhailov, A. S., Svetitskiy, M. I. - Structure and phosphate potential of volcanic siliceous formations of the Western Bayan Mountains and Tura. *Trudy VSEGEI* 146:46-54 '88.

662(471, 16)—Altai Territory

- Krasovskiy, S. D. - Apatite-magnetite ores of the Khadynskaya (iron ore deposit) in the Altai. *Trudy VSEGEI* 146:120-121 '88.

- Mitrov, I. V. - Lithology and stratigraphy of phosphorite-bearing sediments in Gornaya Shoriya. *Trudy VSEGEI* 146:70-84 '88.

662(471, 17)—Kazakhstan S. S. R.

- Alimova, E. I., Krasovskiy, G. S. - Coconcretionary phosphorite in the Ambleskaya horizon of the Cambrian of the Shal'sk Ridge. *Trudy VSEGEI* 146:118-120 '88.

- Mitrov, I. V. - Lithology and stratigraphy of phosphorite-bearing sediments in Gornaya Shoriya. *Trudy VSEGEI* 146:70-84 '88.

563(571.17) (Continued)

Kiriyov, A. K. - Phosphorites of the Tarsus-Azakh Interthrust (Kazakhstan). *Trudy VSEGEI* 146:103-107 '66.
 Parlov, L. M. - Lower Carboniferous phosphorite rocks of the Kuznetsk Basin. *Trudy VSEGEI* 146:108-110 '66.

563(571.51)—Krasnoyarsk Territory

Draganov, V. I. and others. - Phosphorite manifestation in Lower Paleozoic sediments of the northwestern part of the Central Siberian Plateau. *Trudy VSEGEI* 146:94-103 '65.
 Draganov, V. I. and others. - Phosphorite potential in Lower and Middle Devonian sediments of the Delaitula Valley. *Trudy VSEGEI* 146:111-114 '66.
 Kiselev, L. G. - Relation of phosphorite to organic matter in Ordovician sediments of the Podkamennaya Tunguska basin. *Trudy VSEGEI* 146:94-94 '66.
 Kashanov, V. A., Resepov, A. M. - Phosphorite potential of Upper Cretaceous iron ore sediments in the Turukhan and Kogoy basins. *Trudy VSEGEI* 146:137-139 '66.
 Matishko, R. G. - Devonian phosphorites of the Noril'sk region. *Trudy VSEGEI* 146:111-117 '66.
 Shklyar, A. O., and others. - New phosphorite deposits in the southern part of Krasnoyarsk Territory. *Trudy VSEGEI* 146:96-98 '66.

563(571.53)—Irkutsk Province

Bashin, I. M., Davidskov, A. D., Sorokin, V. A. - Manganese potential of Lower Paleozoic sediments of the Northern Baikal Highland. *Dokl. AN SSSR* 163 no. 1:161-163 '66.

563(571.55)—Magadan Province

Kotlar, S. G. - Main types of structures, igneous activity, and metallogeny of the Yana-Kolyma fold system. *Sov. geol. II* no. 10:66-72 O '66.

563(571.56)—Kamchatka Province

Lobachev, L. M., Gorokhov, L. M. - Recent mineral formation in technical orebodies of Kamchatka. *Dokl. AN SSSR* 163 no. 1:149-150 '66.

563(571.57)—Kazakh S. S. R.

Burakov, N. P., Valishev, A. B. - Distribution of copper, molybdenum and iron ores of the Altai type in the eastern part of central Kazakhstan. *Izv. vuz. ucheb. zav. i geol. i razv.* II no. 4:63-65 Ap '66.
 Kabanov, M. M. - Fertilite and its ferruginous variety from the deposits of the Altai region (central Kazakhstan). *Zap. Vses. na. ob-va Ser. B.* 97 no. 3: 343-348 '66.

563(571.58)—Central Asia

Tikhonov, B. A. - Dependence of the mineralization of rocks on their porosity as revealed by a study made in the Akh-Topkan deposit. *Izv. vuz. ucheb. zav. i geol. i razv.* II no. 4:70-74 Ap '66.

563(571.59)—Tajik S. S. R.

Baratov, B. R., and others. - Alpine age of fluorite deposits of the southern part of the Khatanga (central Tajikistan). *Dokl. AN SSSR* 163 no. 1:163-165 '66.

563(571.60)—Indonesia

Mikolaj, V. M. - Volcanic breccia deposits of Indonesia. *Sov. geol. II* no. 10:48-50 O '66.

563(571.61)—Malaysia

Bogdanov, A. I. - Ways to increase the effectiveness of geophysical operations in searches and prospecting for oil and gas. *Geol. nefti i gaza* 12 no. 15:10-17 D '66.

Kolyshchev, M. M. - Plotting of evaporation maps in the study of oil and gas pools. *Neftgaz. geol. i geofiz.* no. 10:17-20 '66.

Brace, M. M. - Propositions in the petroleum production industry and methods for their determination. *Geol. nefti i gaza* 12 no. 11:48-53 M '66.

Dalakov, V. M. - Determining the coefficients of porosity, oil and gas saturation, and permeability of clay granular reservoirs in calculations of oil and gas reserves. *Geol. nefti i gaza* 12 no. 11:55-59 M '66.

Petrov, S. Y. - Development of the science of petroleum and gas geology during the years of Soviet rule. *Geol. nefti i gaza* 12 no. 11:1-6 M '66.

Fel'd, M. V. - Classification of reserves in oil and gas fields according to their commercial importance. *Geol. nefti i gaza* 12 no. 11:7-12 D '66.

Kul'minov, M. M. - Relation of the coefficient of current yield by oil to the density of well pattern. *Geol. nefti i gaza* 12 no. 11:28-30 D '66.

Kozlovskiy, O. S., Chalkovskiy, V. M. - Study of anodic oxidation of graphite. *Khimiya. prikl. khim.* 88 no. 8:1780-1780 Ag '66.

Mitrova, A. M. - Plan of the State Commission for the Electrification of Russia up to the present. *Tor. prom.* 46 no. 10:8-9 '66.

Ovchinnikov, G. P. - Ways to increase the efficiency of geological exploratory operations in the petroleum production industry. *Geol. nefti i gaza* 12 no. 11:1-9 D '66.

Podpashina, T. V. - Geological conference on increasing the efficiency of geological prospecting operations in the petroleum production industry. *Geol. nefti i gaza* 12 no. 11:10-11 D '66.

Potashnik, A. S., and others. - Geological and economic grounds for selecting the base horizon for the exploration of oil and gas fields. *Geol. nefti i gaza* 12 no. 11:20-21 D '66.

Rakov, V. V. - Evaluating the quality of coal concentrates. *Koks i khim.* no. 11:7-10 '66.

Kobzarev, M. I., Tikhonov, S. M. - Morphology of plant residue decomposition in peat deposits. *Vest. Mosk. un. Ser. G:kol., pochy.* 13 no. 3:84-88 My-Je '67.

Sokolov, Kh. G. - Regional oil-prospecting features in salt-dome areas. *Geol. nefti i gaza* 12 no. 11:84-89 M '66.

Vysotskiy, I. V., Olenov, V. B. - Genetic principles of zoning in the petroleum geology. *Geol. nefti i gaza* 12 no. 11:36-34 D '66.

563(571.62)—European U. S. S. R.

Matishko, V. V., Smolov, V. M. - Prospects for finding oil in Middle Carboniferous sediments within the Verkhnevolzhskaya Depression and its adjacent areas. *Vop. geol. geog. i razv.* no. 3:48-52 '66.

563(571.63)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Lisitskaya, A. J., Ostrowskiy, M. I. - Structure of Devonian sediments in the central regions of the Russian Platform and their oil and gas potentials. *Geol. nefti i gaza* 12 no. 11:41-45 M '66.

563(571.64)—Ukraine

Antoshenko, L. A., Kravchuk, A. A., Saif, D. A. - Regularities in the distribution of oil and gas fields and dimensional changes of oil and gas properties in the Timan-Pechora basin. *Geol. nefti i gaza* 12 no. 11:1-7 O '66.

563(571.65)—Central and Lower Volga regions

Novokhok, V. P., Plotnikov, A. A. - Characteristics of the formation and distribution of multiple oil and gas fields in the Volga Valley portion of Volgograd and Saratov Provinces. *Gaz. prom.* 13 no. 8:1-5 Jo '66.

563(571.66)—Tatar A. S. S. R.

Alekseyev, F. A., Tikhonova, M. L. - Studying the nature of tectonic zones in the D and DII predepositional sediments of the Romashkino field using the method of well logging by gamma-ray spectrometry. *Geol. nefti i gaza* 12 no. 11:43-45 O '66.

Smolov, V. M. - Oil potential of Middle Carboniferous sediments within the Akshatovo-Matishko Depression. *Vop. geol. geog. i razv.* no. 3:41-47 '66.

563(571.67)—Astrakhan Province

Klimin, A. G., Tsvetkov, D. V. - Regional tectonics of the southern border in the northeastern part of the Caspian Lowland. *Neftgaz. geol. i geofiz.* no. 6:17-20 '66.

Koshar'nikov, S. B. - New data on the lithology and reservoir properties of the Paleogene sediments of the Karapinsk well and the Azov arch in connection with evaluating prospects for oil and gas occurrences. *Neftgaz. geol. i geofiz.* no. 6:20-24 '66.

Seifullin, M. B., Shermatova, G. A. - Oil and gas seeps in northern edge zones of the Caspian syncline. *Neftgaz. geol. i geofiz.* no. 6:16-17 '66.

563(571.68)—Bashkir A. S. S. R.

Morozov, S. G., Chirikhova, K. V., Chagay, A. A. - Lower Devonian and Silurian sediments in the Yur'yevskiy Lowland and their oil and gas potentials. *Geol. nefti i gaza* 12 no. 11:36-41 M '66.

563(571.69)—Northern Caucasus

Koshar'nikov, S. B. - New data on the lithology and reservoir properties of the Paleogene sediments of the Karapinsk well and the Azov arch in connection with evaluating prospects for oil and gas occurrences. *Neftgaz. geol. i geofiz.* no. 6:20-24 '66.

Ratazhskiy, M. S. - Oil crossflows between formations in the Maykop gas condensate field. *Gaz. delo* no. 4:3-7 '66.

563(571.70)—Krasnodar Territory

Kon'chenko, D. D., D'yakov, A. I. - New lithological bounded Upper Cretaceous pools in the Khadyashensk oil- and gas-bearing region and methods for their exploration. *Neftgaz. geol. i geofiz.* no. 10:16-18 '66.

Shuklov, M. A. - Conditions of formation of oil and gas pools in the Anzurskiy-Troitskiy field. *Geol. nefti i gaza* 12 no. 10:33-34 O '66.

Tsvetkov, A. L., Mikh, M. M., Markov, V. F. - Prospects for oil and gas occurrences in the Jurassic subalt complex in Caucasus. *Geol. nefti i gaza* 12 no. 10:32-37 O '66.

563(571.71)—Stavropol Territory

Tsvetkov, A. L., Mikh, M. M., Markov, V. F. - Prospects for oil and gas occurrences in the Jurassic subalt complex in Caucasus. *Geol. nefti i gaza* 12 no. 10:32-37 O '66.

563(571.72)—Kabardino-Balkar A. S. S. R.

Mikheyev, A. M., Shuklov, V. A., Khashtatova, A. V. - Hydrogeological characteristics of Mesozoic sediments in the Kabardino-Balkar A. S. S. R. in connection with evaluating their oil and gas potentials. *Geol. nefti i gaza* 12 no. 10:27-33 O '66.

563(571.73)—Chechen-Ingush A. S. S. R.

Yilhego, V. A., and others. - Reservoir properties of deep-seated Mesozoic rocks in the Chechen-Ingush A. S. S. R. *Geol. nefti i gaza* 12 no. 10:34-39 O '66.

Zaitsev, V. M., Sokolovskiy, M. V., Galkin, O. Kh. - Hydrodynamic study of the Lower Cretaceous oil pool in the Malgobek-Voznesensk field. *Geol. nefti i gaza* 12 no. 11:48-47 D '66.

563(571.74)—White Russian S. S. R.

Karasev, I. P., Chumachenko, K. M. - Structure and conditions for formation of reservoir rocks in the oil-bearing horizons of the Devonian in the north-eastern part of the Pripyat fault. *Geol. nefti i gaza* 12 no. 11:48-47 M '66.

563(571.75)—Ukraine

Bogatskiy, A. T., and others. - Prospects for oil and gas occurrences in the Lower Cretaceous sediments of the Crimean peninsula and the northeastern part of the Black Sea region. *Geol. nefti i gaza* 12 no. 10:43-48 O '66.

563(571.76)—Western Ukraine

Shordali, V. D., Krasova, L. F., Shchepok, V. M. - Basic features of the geological structure and oil and gas potentials of the central part of the Lvov-Podolsk Trough. *Neftgaz. geol. i geofiz.* no. 6:6-10 '66.

563(571.77)—Crimea

Bogatskiy, A. T., and others. - Prospects for oil and gas occurrences in the Lower Cretaceous sediments of the Crimean peninsula and the northeastern part of the Black Sea region. *Geol. nefti i gaza* 12 no. 10:43-48 O '66.

Gordiyev, V. A., and others. - Evaluating the prospects for gas occurrences in Maykop sediments in the water area of the Karkhi Gulf. *Neftgaz. geol. i geofiz.* no. 10:31-32 '66.

Kripinovich, V. L. - Structure and gas and oil potentials of the central part of the East Kuban trough. *Geol. nefti i gaza* 12 no. 10:39-43 O '66.

563(571.78)—Moldavia S. S. R.

Edel'shteyn, A. A., Trandafilova, E. F. - Late Silurian and Early Devonian sediments of Moldavia, a new objective for oil and gas prospecting operations. *Neftgaz. geol. i geofiz.* no. 6:2-6 '66.

563(571.79)—Caucasus and Transcaucasia

Matkovskiy, O. M., Khalilov, M. I., Kufayevskiy, A. G. - Characteristics of the geological structure of the Kyzylkum-Tulla Island zone and conditions governing the formation of oil and gas pools. *Sov. geol. II* no. 11:11-13 O '66.

563(571.80)—Azerbaijan S. S. R.

Voroshilov, M. A., Rustamov, R. L., Tagiev, Sh. M. - Some geothermal data on the Bakhtary series in the Kara-obektur-Eyke-Pashchany-More field. *Neftgaz. geol. i geofiz.* no. 10:16-22 '66.

563(571.81)—Dagestan

Moskharov, I., and others. - Studying the petrophysical parameters of rocks for the calculation of oil reserves in dolomites of the Dzhid-Dytsk field. *Geol. nefti i gaza* 12 no. 11:53-56 M '66.

563(571.82)—Abkhaz S. S. R.

Agrekin, A. A., and others. - Thermal properties of certain coals of the West. *Koks i khim.* no. 11:1-4 '66.

Isaev, G. S. - Regularities in the distribution of permeable rocks and oil and gas fields in the Upper Jurassic sediments in the Siberian portion of the Ural Mountain region. *Neftgaz. geol. i geofiz.* no. 6:28-33 '66.

563(571.83)—Tyumen Province

Kolchinskaya, M. L., Korshakova, O. F., Krasin, A. A. - Correlation of the permeability and residual water saturation of productive rocks in the Maykop oil field and their relation to the structure of pores space. *Geol. nefti i gaza* 12 no. 11:11-14 M '66.

563(571.84)—Bukhara Province

Kasimov, V. M., Yronov, I. A. - Prospects for oil and gas occurrences in the lower and middle Miocene sediments of northern Bukhara. *Geol. nefti i gaza* 12 no. 11:14-19 M '66.

563(571.85)—Kazakh S. S. R.

Aleksandrov, V. I., Ivanov, I. A., Krasin, A. A. - Division of Lower and Middle Jurassic productive sediments in the eastern edge of the Caspian Lowland. *Geol. nefti i gaza* 12 no. 11:23-26 M '66.

563(571.86)—Uzbek S. S. R.

Arshavskiy, G. A. - Regularities in the distribution of pools and prospects for oil and gas occurrences in the Aral Darya Valley. *Geol. nefti i gaza* 12 no. 10:7-10 O '66.

Kripinovich, V. L. - Structure and gas and oil potentials of the central part of the East Kuban trough. *Geol. nefti i gaza* 12 no. 10:39-43 O '66.

Kon'mina, O. A., Pashchev, G. V., Isaev, V. M. - Prospects for gas and oil occurrences in northern and north-eastern Turkmenia and adjacent regions of Uzbekistan. *Geol. nefti i gaza* 12 no. 10:16-18 O '66.

553.0(87.4)—Turkmen S.S.R.
Arzhavskii, G. A. - Regularities in the distribution of fossils and prospects for oil and gas occurrences in the Amu Darya Valley. *Geol. natf. i gaza* 12 no. 10:7-10 O '68.
Kutuzova, O. A., Pechenkin, G. F., Isaev, V. M. - Prospects for gas and oil occurrences in northern and north-eastern Turkmenia and adjacent regions of Uzbekistan. *Geol. natf. i gaza* 12 no. 10:16-18 O '68.

553.9(88)—West and North Central Africa
Alkhalil, A. G., Koshchikov, I. I., Shukla, Kh. G. - Geological structure and oil and gas potentials of salt-dome basins in western Africa. *Geol. natf. i gaza* 12 no. 12:47-51 D '68.

56 PALEONTOLOGY. POSSIBLE
Serebrennikov, V. I. - Speciation and the problem of extinction. *Obshch. vop. evol. paleontol.* no. 3:8-28 '68.

56(571.85)—Yakut A.S.S.R.
Kul'kova, I. A. - Pollen of *Platipollinia* and *Arctopollis* from the Eocene sediments of Yakutia. *Dokl. AN SSSR* 183 no. 5:149-151 '68.

561 Systematic paleontology
Ishchinskaya, M. M. - Problem of the authenticity of *Quasipala* found in Cretaceous deposits of the Soviet Union. *Bot. zhur.* 53 no. 5:630-632 May '68.

561(471.318)—Ivanovo Province
Kalyuga, L. V. - Preliminary data on the flora of the Olenokovo (Dolgor-Moskov) interglacial at Bistrev. *Vest. LGU* 23 no. 10:113-117 '68.

561(477)—Ukrainian S.S.R.
Belokryz, L. A., Modorova, L. F. - Presumably plant remains of the Kriyov Bog Basin. *Dokl. AN SSSR* 183 no. 1:198-199 '68.

561(479.25)—Georgia S.S.R.
Chokhava, K. L. - Some stages of extinction in the Pliocene flora of western Georgia and their possible causes. *Obshch. vop. evol. paleontol.* no. 3:48-58 '68.

561(571)—Azerbaijan S.S.R.
Baderashvili, M. M. - New species of Late Cretaceous plants of northern Georgia determined by spores and pollen. *Dokl. AN SSSR* 183 no. 14:78-80 '68.

561(571.56)—Yakut A.S.S.R.
Vakulashvili, A. B. - Spores and pollen from Neogene sediments of the eastern part of the Oymyakon Trough (Koryak Highlands). *Dokl. AN SSSR* 183 no. 15:77-80 '68.
Vasilievskaya, M. D. - Some Early Cretaceous plants of the Khiginsk region (Lesser coal basins). *Dokl. AN SSSR* 183 no. 14:78-80 '68.

561(571.63)—Maritime Territory
Krasnikov, V. A. - First blade of Devonian flora in the Maritime Territory. *Dokl. AN SSSR* 183 no. 14:73-175 '68.

562 Systematic paleontology
Aker, O. A. - New genus of the family Martiniaceae. *Dokl. AN SSSR* 183 no. 14:44-45 '68.
Berkovich-Abramovich, M. L. - Criteria for the extinction of some representative of rillites in the past and present. *Obshch. vop. evol. paleontol.* no. 3:30-48 '68.
Kishinevskii, M. O. - Extinction of ammonites. *Obshch. vop. evol. paleontol.* no. 3:66-70 '68.
Kislov, O. M. - Distribution of the genus *Saurolepis* from the Eocene. *Vest. LGU* 23 no. 10:86-90 '68.
Popovskaya, M. V. - Causes for the extinction and extinction of Eocene plants. *Obshch. vop. evol. paleontol.* no. 3:66-70 '68.
Portenko, M. L. - Comparative analysis of the distribution of species of *Discopterus* in Paleogene sediments of the Alpine geosynclinal region. *Izv. vuz. ucheb. zap.* no. 1:1-10 '68.
Sokolov, I. A. - Middle Cambrian genus *Prasidella* (Trilobites). *Dokl. AN SSSR* 183 no. 14:11-17 '68.
Tikhonchikov, I. G. - Causes for the extinction of the family Valoniaceae. *Obshch. vop. evol. paleontol.* no. 3:17-21 '68.

562(215)—Mongolia of Asia
Bukharin, A. I. - Graptolites and the stratigraphy of Lower Silurian sediments of the Omdovka Mountains and the Khayrkhay (Cheremkhov) U.S.S.R. *Izv. vuz. ucheb. zap.* no. 1:1-10 '68.

562(471.11)—Azerbaijan Province
Lyschinskii, E. L., Volkova, L. A. - Deposits of the southern part of the Murova Kaniya. *Dokl. AN SSSR* 183 no. 14:136-137 '68.

562(471.63)—Paris Province
Krasnikov, V. A. - Ornament of ancient insects. *Dokl. AN SSSR* 183 no. 14:136-137 '68.

562(474.2)—Kazakhstan S.S.R.
Krasnikov, O. V. - New genus of Bryozoa of the family *Khondolichia* from the Silurian of Kazakhstan. *Dokl. AN SSSR* 183 no. 14:136-137 '68.

562(479)—Moldavia S.S.R.
Tikhonchikov, V. I. - Fossil animals found during the excavation of sediments of the Chernivtsy culture in the U.S.S.R. *Krit. soob. Inst. arheol.* no. 11:43-49 '67.

562(479.25)—Georgia S.S.R.
Bagdasarian, K. G. - Mesozoic fauna elements in the upper part of Kotsakuri of the Lechkhumi Range and the nature of the transition between the Kotsakuri and Tarkhan. *Soob. AN Gruz. SSR* 81 no. 1:188-192 JI '68.

562(571)—Azerbaijan S.S.R.
Krasnikov, A. G., Lazarevich, M. P. - Cambrian (small) fossils of Siberia. *Dokl. AN SSSR* 183 no. 14:73-175 '68.
Krasnikov, M. V. - Some species of *Ammonoidea* and *Lithothamnium* from Mesozoic sediments from the northern part of Central Siberia. *Dokl. AN SSSR* 183 no. 14:73-175 '68.
Vologdin, A. G., Jankovskaya, J. - Recent *Crinoid* fossils of the Cambrian of Siberia. *Dokl. AN SSSR* 183 no. 14:73-175 '68.

562(571.81)—Taymyr National Area
Krasnikov, L. V. - General characteristics of Ordovician conglomerates of Bryozoa of the Taymyr Peninsula. *Dokl. AN SSSR* 183 no. 14:73-175 '68.

562(571.85)—Yakut A.S.S.R.
Lev, O. M. - Complexes of *Crinoid* fossils from Jurassic sediments of the Anabar region. *Dokl. AN SSSR* 183 no. 14:73-175 '68.

562(579)—Central Asia
Krasnikov, K. I., Pashkevich, I. A. - New deposits of Afghan fossils in the central Kyrgyz Khan. *Dokl. AN SSSR* 183 no. 1:178-179 '68.

57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES

571 Paleolithic man (archaeology)
Chernyshev, A. P. - Notes on the implements of the Upper Paleolithic period. *Krit. soob. Inst. arheol.* no. 11:1-11 '67.
Work of the Section of the Paleolithic Period in 1963-1968. *Krit. soob. Inst. arheol.* no. 11:112-129 '67.

571(471.1)—Northern R.S.S.R.
Timofeev, Z. M. - The Kuznetsov complex of the Mesolithic culture type in the Yubergin Valley. *Sov. arheol.* no. 3:107-113 '68.

571(471.2)—Northwestern R.S.S.R.
Tret'yakov, V. P. - Culture of pitied and comb decorated pottery in the north and northwestern parts of the European U.S.S.R. *Sov. arheol.* no. 3:15-18 '68.
Tret'yakov, V. P. - Ural elements in the pitied and comb-shaped pottery of the "mesolithic" style. *Krit. soob. Inst. arheol.* no. 11:67-73 '67.

571(471.26)—Petrov Province
Mikhlin, A. M., Gerasimov, M. O. - Experiments in applying the method of phosphorus analysis for exploring ancient settlements in Petrov Province. *Sov. arheol.* no. 3:124-125 '68.

571(471.317)—Kostroma Province
Ovchinnikov, I. V. - New monuments of the Mesolithic period in Kostroma Province. *Krit. soob. Inst. arheol.* no. 11:101-107 '67.

571(471.332)—Lipetsk Province
Lyschinskii, E. L. - Settlements of the Mesolithic period in the Malya Valley near the city of Lipetsk. *Krit. soob. Inst. arheol.* no. 11:118-120 '67.
Prikhodko, A. D. - A settlement of wooden-walled houses in the Vozhga Valley. *Sov. arheol.* no. 3:183-188 '68.

571(471.334)—Voronezh Province
Tret'yakov, V. P. - Dating the Gerasimov Paleolithic complex. *Krit. soob. Inst. arheol.* no. 11:34-37 '67.

571(471.81)—Rostov Province
Petrov, M. D., Pilyupov, A. K. - First find of the artifacts of Paleolithic art in the steppes of Southern Russia. *Krit. soob. Inst. arheol.* no. 11:34-37 '67.

571(471.83)—Krasnodar Territory
Bekleva, E. A. - Brief information on the excavation of Abkhazian Caves in 1966-1968. *Krit. soob. Inst. arheol.* no. 11:100-101 '67.
Lashin, V. P., Shchegolev, V. E. - The study of Mesolithic Caves in 1968. *Krit. soob. Inst. arheol.* no. 11:73-79 '67.

571(476)—White Russian S.S.R.
Gorin, M. M. - New developments in the study of White Russian steppes. *Krit. soob. Inst. arheol.* no. 11:111-118 '67.

Thurman, I. M. - Neolithic monuments of the Black Valley. *Krit. soob. Inst. arheol.* no. 11:104-105 '67.

571(477)—Ukrainian S.S.R.
Chernyshev, K. K. - Workshops of the Tripol'e period (for the processing of flint). *Krit. soob. Inst. arheol.* no. 11:80-86 '67.
Orlovskaya, G. V. - The Bol'shaya Alchurka complex and its place among the monuments of the Upper Paleolithic period in the southern U.S.S.R. *Krit. soob. Inst. arheol.* no. 11:80-86 '67.
Sharandakov, I. M. - Problems on the Sabelinov culture. *Sov. arheol.* no. 3:18-24 '68.

571(479.334)—Abkhaz A.S.S.R.
Gusakov, N. I., Koshchikov, I. I. - A Stone Age site near the village of Khasyan'. *Krit. soob. Inst. arheol.* no. 11:111-112 '67.

571(57)—Azerbaijan S.S.R.
Tikhonchikov, V. I., Mordukhai, V. A. - Finding by the inhabitants of the forested Iyakh River Valley in the Iron Age. *Sov. arheol.* no. 3:18-24 '68.

571(571)—Azerbaijan S.S.R.
Arbakova, K. A. - Baking-type tools in the Paleolithic monuments of the Yessley Valley. *Krit. soob. Inst. arheol.* no. 11:112-118 '67.
Antalov, S. M. - Axes of the Upper Paleolithic period in the Yessley Valley. *Krit. soob. Inst. arheol.* no. 11:112-118 '67.

571(571.63)—Irishak Province
Khoroshikh, P. P. - Photographic inscriptions on the walls of the Bol'shoy Kudinskii rapids. *Sov. arheol.* no. 3:18-24 '68.

571(571.85)—Ochia Province
Orlovskaya, G. V. - Some Transcaucasian copper and bronze artifacts of the Karasak cultural type in the Middle Bronze Age. *Sov. arheol.* no. 3:189-193 '68.

571(579)—Central Asia
Koslov, P. M. - The Gobi quadrangle. *Sov. arheol.* no. 3:38-43 '68.

572 Anthropology (physical) Ethnology
Baidarov, A. A. - On the occasion of "Pedagogical anthropology" by K. D. Ushakov. *Vop. psichol.* no. 4:13-17 JI Ag '68.

572(487.2)—Dagestan
Vychukova, Zh. M. - Dagestani monuments from the end of the 8th through the 11th century and their ethnic affiliation. *Sov. arheol.* no. 3:189-193 '68.

574 General biology
Dapkin, S. A. - Made by the hands of students for the biology study room. *Sov. vuz. gos. ped. inst.* 1968-1969.
[Information bulletin of new foreign books, received by the Lenin Library. Series 3] Inform. bul. nov. knozh. knig, postup. v bibl. im. V. I. Len. Ser. 3 13 nos. 1-3 Ja-F '68.
[New foreign books. Series VI Biology, medicine, agriculture] *Sov. knigi na razb. bor. V: Biol., med., sel. khoz.* 13 no. 11 M '68.

574.18 Space biology
Agdzhalian, M. A. - Problems of space biology and medicine at the Eighth Congress of the International Astronautical Federation. *Kosm. biol. i med.* 3 no. 3:88-94 '68.

Agdzhalian, M. A. and others. - Effect of high oxygen concentrations on the animal organism. *Kosm. biol. i med.* 3 no. 3:24-27 Mr-Apr '68.

Agdzhalian, M. A., and others. - Means of increasing individual resistance of the body to some extreme factors of a space flight. *Sov. nauka, tekhn. i med.* 47:11-16 '67.

Agdzhalian, O. D. - Functional state of the blood coagulation system in dogs following 22-day flight in the "Kosmos-116" satellite. *Kosm. biol. i med.* 3 no. 3:28-30 Mr-Apr '68.

Belikova, M. L., and others. - Study of the process of urea decomposition by urease. *Kosm. biol. i med.* 3 no. 3:44-50 Mr-Apr '68.

Chernikov, I. M., Melnikov, I. V., Ashchevskii, P. A. - Loss of moisture under conditions of low atmospheric pressure. *Kosm. biol. i med.* 3 no. 3:81-84 My-Je '68.

Chislov, S. B. and others. - Study of the oxidative-enzymic method of mineralization of wastes in the system of the cycles of substances. *Kosm. biol. i med.* 3 no. 3:23-28 My-Je '68.

Darg, V. A., Koslov, B. G. - Mathematical model of life-support system. *Kosm. biol. i med.* 3 no. 3:28-32 My-Je '68.

Daryov, G. A. - Features of the aviation and space medicine section of the Moscow Physiological Society devoted to the 50th Anniversary of "The October". *Kosm. biol. i med.* 3 no. 3:88-93 Mr-Apr '68.

474.19 (Continued)

- 900

570.6 (Continued)

- Fedoseeva, G. K., and others. - Oxidation of various aromatic polycyclic hydrocarbons by microorganisms. Dokl. AN SSSR 183 no. 1283-111 '84.
- 10 years of Soviet public health service. Vop. virus. 13 no. 4:387-399 Ji-Ag '84.
- Flakobek, A. V. - Microscopical and some functional changes in the liver in acute diffuse microbial peritonitis: experimental study. Kib. khir. no. 6:64-71 Ja '84.
- FM'o, I. S. - Rural echinococcosis. Kib. khir. no. 12:24-26 Ja '84.
- Galdenovich, S. I. A., Khabibova, G. G., Maklar, L. B. - Some properties of arbovirus haemagglutination inhibitors contained in human blood serum. Vop. virus. 13 no. 4: 488-504 Ji-Ag '84.
- Gerasimov, M. M. - Microfilariae of the Ornithodoros labor - mite to man. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:17-218 '85.
- Oliver, K. P., Kolpakova, V. E., Kuznetsova, I. A. - Concentration of parainfluenza virus types 1, 2, 3, on erythrocytes of different species of animals and man. Mefep. i nefep. no. 8:88-91 '84.
- Orlovskiy, V. P. - Mixture of ethylene oxide and methyl bromide in obstructive dissection of Echinococcus-infected footwear. Voen.-med. zhur. no. 12:6-63 D '80.
- Orlovskiy, V. P. - Effect of some factors on the biosynthesis of acetylcholinesterase by *Aspergillus awamori*. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '84.
- Orlovskiy, V. P., Ivanov, M. V., Lesh, A. M. - Effect of microclimatic processes on the isotopic composition of sulfur of some minerals of the volcanic zone. Dokl. AN SSSR 183 no. 1108-1109 '84.
- Ovchinnikov, G. A., Tsvetkov, S. M., Kiselev, M. D. - Pathology of the external environment with eggs of *Ancylostoma* and other helminths in mycological soil. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:47-50 '85.
- Ovchinnikov, V. A., Rusev, V. L. - Comparative study of RNA, DNA of free amino acids and proteins in hydrocarbon-oxidizing microorganisms. Uzb. biol. zhur. 13 no. 4: 12-15 '84.
- Petrov, A. I. - Coelomocystosis: a review of the literature. Voen.-med. zhur. no. 11:18-22 M '80.
- Shalashina, M. L., Chalkashina, M. Kh. - Physiologically active substances produced by coelomocystosis. Dokl. AN SSSR 183 no. 1200-1204 '85.
- Kashimova, A. A., Kuznetsova, A. A. - Study of the interaction between mice macrophages and the pathogen of mesoepithelioma. Vop. virus. 13 no. 4:414-419 Ji-Ag '85.
- Kiselev, V. I. A. - Inactivation of eastern equine encephalomyelitis virus under the influence of hydrocyanic acid. Vop. virus. 13 no. 4:461-462 Ji-Ag '85.
- Kochorbaev, T. K. - Comparative study of the immunizing properties of mycobacteria strain 118 and BCG under experimental conditions. Zh. med. nauch. rab. KGM 43: 65-80 '87.
- Kochorbaev, T. K. - Dynamics of vegetating of the human type *Mycobacterium* strain 118 in the organism of guinea pigs. Zh. med. nauch. rab. KGM 43:40-45 '87.
- Kozlovskiy, S. M. - Delimitation of local *Oncorhynchus mykiss* stocks in the sea with help of paracatalytic indicators. Izv. TINRO 6:143-155 '87.
- Kozlovskiy, S. M., Bogdanova, V. M., Babinova, L. A. - Karyoid formation by mycobacteria on media containing gaseous hydrocarbons. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '85.
- Larkin, A. A., Kuznetsova, M. B. - Acanthopoda and colored nests of *Beetilia brevis* var. OB. Vest. Mosk. un. Ser. Biol., pochy. 22 no. 3:98-95 My-Je '87.
- Mikhomskiy, M. A. - Pathogenesis of antiparasitosis. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:28-30 '85.
- Mikhomskiy, M. A., and others. - Development of optimal conditions for *Beetilia brevis* cultivation with the help of sleep amount method. Prikl. biokhim. i mikrobiol. 4 no. 4:372-378 Ji-Ag '85.
- Mikhailov, V. I., Babitskiy, A. A., Poldysheva, L. M. - Masses anastomosing interferences. Vop. virus. 13 no. 4:431-441 Ji-Ag '85.
- Margarita Tsheta. - Effect of prolonged passage of cells from bacillus vaccine induced by monkey virus 48 on isolation of oncogenic virus and superinfection. Vop. virus. 13 no. 4:487-491 Ji-Ag '85.
- Martynova, G. G. - Diseases of insect populations under the influence of larval parasites. Zh. med. nauch. rab. KGM 43: 54-60 '87.
- Matkovskiy, V. B., and others. - Clinical characteristics of acute pneumonia caused by *Mycoplasma*. Voen.-med. zhur. no. 11:18-19 M '80.
- Medvedev, M. K., Shkarin, V. P. - Determining the activity of various strains BCG, 118, Myc, and med. *Aspergillus*, based on dynamic reaction at the spot of their subcutaneous administration in guinea pigs. Zh. med. nauch. rab. KGM 43: 106-107 '87.
- Mironova, M. B. - Effect of acetylcholinesterase components of the paracatalytic medium on the formation of conidia of *Aspergillus fumigatus*. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '85.
- Mishchenko, S. F., Krivitskiy, T. A. - Antigenic composition of *Tomopterna goodii*. Voen.-med. zhur. no. 11:18-19 M '80.
- Mysheva, G. M. - Use of some aliphatic compounds by cultures of *Pseudomonas* sp. (strain 31). Dokl. TINRO 6:143-155 '87.
- Mironov, G. B., and others. - Study of aerobic and anaerobic sources for the biosynthesis of gibberellins. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '85.
- Nedaretskiy, A. K., Tarba, M. M., Kozhikova, M. G. - Some data reserved in studies of transmissible Shope rabbit carcinoma. Vop. virus. 13 no. 4:440-444 Ji-Ag '85.

- Nasyrov, Z. A. - Demitizing bacteria found in the rhizosphere zone of some plants. Uzb. biol. zhur. 13 no. 4:10-11 '84.
- Nesetrov, V. D., Resepova, A. L., Titova, L. M. - Properties of strains of tick-borne encephalitis virus isolated in different geographical zones. Vop. virus. 13 no. 4:481-488 Ji-Ag '85.
- Kozlovskiy, V. I., Kiselev, D. P. - Kinetic relationships in cultivation process of microorganisms. Prikl. biokhim. i mikrobiol. 4 no. 4:364-373 Ji-Ag '85.
- Kozlovskiy, V. I., Kiselev, D. P., Ardeevskiy, M. M. - Co-cultivation and rapid detection of vaccinia virus on arbovirus by the fluorescent antibody method. Methodology of virus detection in liquid culture medium. Vop. virus. 13 no. 4:494-498 Ji-Ag '85.
- Parfirov, V. V., Parfirov, G. V. - Effect of specifically treated silica gel on the yeast growth. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '85.
- Parfirov, M. M., and others. - Determination of baculovirus in yeast with the help of *Paramecium*. Prikl. biokhim. i mikrobiol. 4 no. 4:431-436 Ji-Ag '85.
- Problems of general virology at a scientific conference of the Institute of Virology named after D. I. Ivanovskiy of the Academy of Medical Sciences of the U.S.S.R., Moscow, October 18-24, 1987. Vop. virus. 13 no. 4:499-514 Ji-Ag '85.
- Shalashina, M. L. - Frequency of the detection of intestinal *Proctos* depending on the duration of their presence in feces. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:21-23 '85.
- Shalashina, M. L. - Study of the coelomocystosis of a female with polytypic alcohol for the diagnosis of intestinal *Proctos*. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:24-25 '85.
- Shalashina, M. L., Kiselev, D. P., Kiselevskiy, P. I. - Study of optimal conditions for the reproduction of *Aspergillus fumigatus* Bole, and *Corynebacterium* *glutamicum*. Dokl. TINRO 6:143-155 '87.
- Shalashina, M. L., Kiselevskiy, P. I. - Verifying the specificity of *Myxobolus* *Myxobolus* strains labeled with medicinal compounds. Zh. med. nauch. rab. KGM 43: 81-83 '87.
- Solov'yov, V. I. - Effect of antibiotics and antiseptics on the associations of microorganisms in paraproctitis. Kib. khir. no. 8:84-86 My '83.
- Shalashina, M. L., Kiselev, M. D. - Mycobacteriosis (tuberculosis) treatment of neoplasms. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:26-27 '85.
- Shalashina, M. L., Kiselev, M. D. - Use of hydrogen peroxide in the treatment of bacterial infections. Report No. 2. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:75-77 '85.
- Shalashina, M. L., and others. - Pathological and immunological shifts in prolonged repeated infection of helminths. Izv. AN Kazakh. SSR, Ser. Biol. 6 no. 8:10-20 S-O '88.
- Shalashina, M. L. - Possibility of using smaller polyhedric viruses in the control of some forest insect pests. Zh. med. nauch. rab. KGM 43: 84-86 '87.
- Shalashina, M. L., Kiselevskiy, P. I. - Antibacterial properties of the essential oil extracted from the roots of *Carthamus tinctorius* L. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:78-79 '85.
- Sokolov, M. I. - On his 60th birthday. Vop. virus. 13 no. 4:418-419 Ji-Ag '85.
- Shalashina, M. L., Kiselevskiy, P. I. - Microclimate method with the use of fluorescent microscopy for speeded-up diagnosis of adenoviruses. Vop. virus. 13 no. 4:494-498 Ji-Ag '85.
- Tshetshin, K. A., Chumakov, M. P. - Study of haemagglutinating activity of tick-borne encephalitis viruses under the conditions of cultivation in primary and (BHK)-21 cultures of Syrian hamster kidney cells. Vop. virus. 13 no. 4:432-437 Ji-Ag '85.
- Tshetshin, K. A., Mikhomskiy, L. S. - Study of cytopathic effect in cells for human intestinal *Proctos*. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:18-19 '85.
- Tshetshin, K. A., Mikhomskiy, L. S. - General problems of surgical infection. Kib. khir. no. 8:84-86 My '83.
- X-ray diagnosis of echinococcosis of the lungs. Zh. med. nauch. rab. KGM 43: 87-88 '87.
- Kryazhevskiy, D. G., Boev, A. V. - Description of microorganisms from hard surfaces. Vest. Mosk. un. Ser. Biol., pochy. 22 no. 3:98-104 My-Je '87.

570.6(470)—Caucasus and Transcaucasia

- Bagirov, G. A. - Detection of *Ornithodoros* *gambosi* in the southern slopes of the Greater Caucasus within the boundaries of Azerbaijan. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:21-23 '85.

570.6(470, 52)—Georgia S. S. R.

- Palashvili, D. T., Murova, S. A., Murashvili, I. V. - Green ichthyocystosis from cells of Georgia. Zh. med. nauch. rab. KGM 43: 104-106 '87.

570.6(470, 54)—Azerbaijan S. S. R.

- Abdullayev, M. B. - On the detection of the *Alibacillus* *ovoides* in Azerbaijan. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:23 '85.

570.6(474)—Kazakh S. S. R.

- Boev, A. V. - K. I. Shalashina and helminthology in Kazakhstan. Izv. AN Kazakh. SSR, Ser. Biol. 6 no. 8:10-20 S-O '88.
- Gabid, I. O. - Biological trends of parasitology in Kazakhstan. Izv. AN Kazakh. SSR, Ser. Biol. 6 no. 8:11-19 S-O '88.

570.6(478, 1)—Uzbek S. S. R.

- Arifov, D. A. - Transmissible nodular *Rhiz* *arabica* (L., 1754) as intermediate host of *Ornithodoros* *gambosi* (L., 1813) in Uzbekistan. Uzb. biol. zhur. 13 no. 4:10-11 '84.

570.6(478, 173)—Kara-Kalpak A. S. S. R.

- Arystanov, M. - *Paracoccidiosis* from freshwater mollusks of the Amu Darya Delta. Vest. LGU no. 3:17-24 M '80.

577.1 Biochemistry

- Abdullayev, M. B., Abdullayev, M. M., Tshetshin, K. A., and others. - Synthesis of oligonucleotides catalyzed by *gambosi* *gambosi* from *Aspergillus*. Mol. biol. 1 no. 2: 307-318 Mr-Ap '87.
- Aliev, M. A., Abdullayev, M. M., Tshetshin, K. A. - Free sulfhydryl groups of thiolase protein, to some shock, and in heat shock due to overloading of the organism. Zh. med. nauch. rab. KGM 43: 66-68 '87.
- Aliev, M. A., Abdullayev, M. M., Tshetshin, K. A. - Hematological and some metabolic indices during some mita treatment of visceral leishmaniasis. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:128-131 '85.
- Altshuler, M. M. - Protein hydrolysis from the plasma. Zh. med. nauch. rab. KGM 43: 69-71 '87.
- Arutunov, V. I. - Content of sugar and adrenaline in the blood, and 17-ketosteroids in the urine, of patients with exocrine, following pyrocytic treatment. Zh. med. nauch. rab. KGM 43: 80-82 '87.
- Arutunov, V. I., Samoylov, S. A. - Dehydrogenase activity of coelomocystosis in *Proctos*. Vest. Mosk. un. Ser. Biol., pochy. 22 no. 3:98-104 My-Je '87.
- Arutunov, V. I., Kiselev, D. P. - Kinetic changes of the acidic hemolysis of erythrocytes (acidic erythrocytes) following resection of the peripheral nerves. Zh. med. nauch. rab. KGM 43: 83-85 '87.
- Arutunov, V. I., Kiselev, D. P. - Cytomorphology of dysmorphic hyperplasia of the breasts. Zh. med. nauch. rab. KGM 43: 86-88 '87.
- Arutunov, V. I., Kiselev, D. P. - Hemopoiesis, protein fractions of blood serum, and renal plasma clearance in hypertension. Zh. med. nauch. rab. KGM 43: 89-91 '87.
- Arutunov, V. I., and others. - Basal metabolic under alpine conditions in persons arriving from different climatic zones. Zh. med. nauch. rab. KGM 43: 92-94 '87.
- Barabid, M. P. - Synthesis of protein and RNA in the liver in rabbits following hemorrhage. Zh. med. nauch. rab. KGM 43: 95-97 '87.
- Bolotnikov, I. O., and others. - Thin-layer microchromatography of dihydroxyphenyl and phenylthiohydantoin derivatives of amino acids. Mol. biol. 1 no. 2:184-186 Mr-Ap '87.
- Bolotnikov, I. O., and others. - Study of the process of virus decomposition by urease. Zh. med. nauch. rab. KGM 43: 98-100 '87.
- [Biochemistry] *Rak*, *zhur.* i *Dokl. khim.* no. 80-84 O-D '85.
- Bochova, S. S. - Urease activity of *Aspergillus* *oryzae*. Prikl. biokhim. i mikrobiol. 4 no. 4:364-367 Ji-Ag '85.
- Bolotnikov, I. O., and others. - Conformation of bovine dehydrogenase and its catalytic activity. Mol. biol. 1 no. 2:187-189 Mr-Ap '87.
- Borisenko, R. L., Orlov, V. V. - Hematological indices in dynamic disorders of arterial blood circulation. Vest. Mosk. un. Ser. Biol., pochy. 22 no. 3:98-104 My-Je '87.
- Cholov, S. A. - Change in the carbohydrate metabolism indices in the myocardium in white rats following hypoxia. Zh. med. nauch. rab. KGM 43: 101-103 '87.
- Dagilova, G. B. - Changes in the protein content in the cells of ascitic tumor S-37 relating to its heterogeneity. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:28-30 '85.
- Demchuk, T. P., Orlovskiy, L. I., Shalashina, M. L. - Preservation and standardization of fermentation preparations. Trudy VNIIS 8 no. 1:66-68 '85.
- Dobroshchinskaya, G. M., Rodchinskaya, V. I. - Separation of glucosylase of *Aspergillus* *awamori* from transglucosylase. Trudy VNIIS 8 no. 1:69-71 '85.
- Dreylich, V. F., and others. - Isolation of aminocyclitol synthetases from chloroplasts, their purification and properties. Mol. biol. 1 no. 2:190-192 Mr-Ap '87.
- Dreylich, V. F., and others. - Isolation of denatured DNA regions by means of modification with water soluble carbodiimide and subsequent enzymic hydrolysis. Mol. biol. 1 no. 2:193-195 Mr-Ap '87.
- Mironov, M. L., Kiselevskiy, P. I. - Content of DNA in the cells of a developing ascitic tumor O-37. Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med. 3:29-31 '85.
- Mironov, M. L. - Growth kinetics in rats at an early age following interference on osteoblast metabolism. Zh. med. nauch. rab. KGM 43: 104-106 '87.
- Mironov, M. L. - Comparative characteristics of the dehydrogenase activity of cell-free extracts from some *Aspergillus* *gambosi* strains. Vest. LGU no. 3: 140-142 M '80.
- Nedashkov, M. V., Kiselevskiy, P. I. - Use of fermentation preparations in poultry breeding. Trudy VNIIS 8 no. 1: 72-74 '85.
- Pedrov, I. I. - Parenteral feeding. Kib. khir. no. 8: 83-84 Ag '82.
- Polozhina, S. A., Mikhomskiy, M. A., Kiselevskiy, P. I. - Morphological changes in rabbits as a result of prolonged introduction of uric acid. Zh. med. nauch. rab. KGM 43: 107-109 '87.
- Fifty Years of the Great October Socialist Revolution. Zh. med. nauch. rab. KGM 43: 110-112 '87.
- Frol'ko, V. V., Kiselevskiy, P. I. - Metabolism changes and cardiac reactions in experimental phlebotomy-induced coronary insufficiency. Kardiologiya 6 no. 6: 41-47 M-D '86.
- Qasimov, S. B. - Use of ultraviolet rays and ethylamine in the selection of *Aspergillus* *gambosi* *gambosi* strains. Trudy VNIIS 8 no. 1:106-108 '85.

577.1 (Continued)

- Novitskiy, A. I., Androeva, N. S. - Quaternary structure of glycerol phosphate dehydrogenase from the data of X-ray structural analysis. *Mol. Biol.* 1 no. 3:303-306 Mr-Apr '67.
- Orlovskiy, L. I. and others. - A new method of synthesis of biogenic amines of the indole series. *Dokl. TSKSSR* no. 124:326-329 '67.
- Orlovskiy, V. S. - Effect of some factors on the biosynthesis of amylolytic enzymes by *Aspergillus awamori*. *Pril. biokhim. i mikrobiol.* 4 no. 4:384-387 Ji-Ag '66.
- Orlovskiy, V. S. and others. - Synthesis and study of potential antidepressants. Part 2: Synthesis, biochemical and pharmacological study of some B-hydroxyethylhydrazides and B-hydroxyethylhydrazones. *Izv. AN Latv. SSR, Ser. Khim.* no. 4:483-486 '68.
- Orlovskiy, A. E., Drisllick, G. I. - Change of the rate of synthesis of antibodies and non-specific γ -globulin in the rabbit spleen after primary and secondary immunization. *Mol. Biol.* 1 no. 2:179-187 Mr-Apr '67.
- Orlovskiy, V. A., Rumov, V. I. - Comparative study of RNA, DNA of two amino acids and proteins in hydrocarbon oxidizing microorganisms. *Uzb. biol. zh.* 13 no. 4: 13-15 '68.
- Orlovskiy, V. I., Volynskiy, I. K., Malozemov, G. P. - Some data on proteolysis of *Aspergillus oryzae* 3-9-15. *Pril. biokhim. i mikrobiol.* 4 no. 4:401-404 Ji-Ag '68.
- Karavay, A. I., Felizskaya, T. A. - Participation of hypophyseal hormones in lactogenic pituitary reflexes. *Dokl. AN Azerb. SSR* 34 no. 4:83-84 '68.
- Khalimov, P. A., Kozlovskiy, V. G., Kuzin, A. M. - Comparative study of the effect of gamma rays and radiolysis on the nuclei and protein metabolism in the cells of Ehrlich's ascitic carcinoma. *Trudy Kazakh. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:136-140 '66.
- Kuznetsov, I. P., Kharlamov, M. R. - Cholinesterase activity of the liver and skeletal muscle as related to the hypophyseal-adrenal system state. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:73-78 '68.
- Kladnikov, T. A. - Quantitative cytochemical analysis of DNA synthesis in a radiation-resistant isolate of Ehrlich's ascitic tumor. *Trudy Kazakh. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:173-78 '67.
- Kozlovskiy, M. A. - Effect of hypoxia and hemorrhages on the regeneration of the blood lipids. *Sbor. nauch. rab. KGM* 43:141-144 '67.
- Kononov, S. A., Shukhova, T. V. - Comparing the activity of amylolytic enzymes in various species of mold fungi in submerged cultivation. *Trudy VNIIP* 8 no. 10:73-79 '66.
- Korshov, V. A. - Inhibitory effect of ATP in an amylolytic BMA-synthesis reaction. *Mol. Biol.* 1 no. 1:178-183 Mr-Apr '67.
- Korov, V. B., Orlovskiy, A. K. - Effect of amino acids on the mutant growth of *Aspergillus ussuri* 578/48 and the formation of active exoenzymes by it. *Trudy VNIIP* 8 no. 10:84-89 '66.
- Korshov, V. B. - Use of objective photometric methods for the quantitative determination of some steroid hormones. *Farmatsiya* 17 no. 4:136-43 Ji-Ag '66.
- Korshov, V. B., Dobinskaya, M. L., Kozlovskiy, V. A. - Synthesis and distribution of arginine in bull and swine uterus. *Dokl. AN BSSR* 133 no. 6:1436-1438 '68.
- Korshov, V. B., Gerasimov, G. P. - Mechanism of RNA-polymerase reactions formation of complexes between the enzyme and locatable template. *Mol. Biol.* 1 no. 2: 180-184 Mr-Apr '67.
- Krapa, M. M. - Development of evolutionary physiology and evolutionary biochemistry in the USSR. *Evolutionary physiology*. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:131-133 P-O '67.
- Kuzin, A. M. - Structural and metabolic approaches to the understanding of the radioresistance of tissues. *Trudy Kazakh. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:173-78 '67.
- Labodov, A. A. - Changes in the acid-base equilibrium and the acidifying functions of the kidneys in epileptiform sensitive fish. *Zhur. nerv. i psikh.* 68 no. 11:827-830 '68.
- Labodov, E. K. and others. - Stabilization of the concentration of the elements of mineral nutrition during prolonged cultivation of *Chlorella* on recovered medium. *Kosm. biol. i med.* 2 no. 3:118-23 My-Jo '68.
- Lavrov, M. M. and others. - Study of amylolytic and proteolytic activity of autochthonous producers of antibiotics. *Pril. biokhim. i mikrobiol.* 4 no. 4:373-383 Ji-Ag '68.
- Lavrovskiy, E. A. - Some characteristics of mineral metabolism in massive hemorrhages. *Sbor. nauch. rab. KGM* 40:47-53 '66.
- Lyskova, R. M., Chikhrizina, G. I., Uchakova, G. A. - Electrophoretic migration of creatine kinase of various tissues in the developing chick embryo. *Vest. LGU* no. 3:104-107 N '68.
- Makhar, L., Chernikova, R. - Significance of corticosteroids in regulating the carbohydrate metabolism in myocardial stress. *Report No. 1*. *Sbor. stud. rab. KGM* no. 10:67-68 '68.
- Makharadze, M. A. - Some indices of oxidation-reduction and antibiotic processes in myceliostrains. *Trudy Azerb. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:136-38 '68.
- Meerov, G. I., Ryskova, I. P. - Radiometric method for determining the activity of glucose-6-phosphatase. *Biol. eksp. biol. i med.* 68 no. 10:123-125 O '68.
- Mironov, V. M. - Fractionation of 7-dehydrocholesterol phosphatidylcholine by thin-layer chromatography method for their quantitative determination and preparative purification. *Pril. biokhim. i mikrobiol.* 4 no. 4:437-439 Ji-Ag '68.
- Mironovskiy, M. M. - Basal metabolism and its changes under alpine conditions. *Sbor. nauch. rab. KGM* 47: 88-108 '67.
- Moravskiy, M. K., Lev, A. A., Dzhinkovskiy, E. P. - Use of glass electrodes for the investigation of distribution of K⁺ and Na⁺ ions between the mitochondria of different types and structures. *Mol. Biol.* 1 no. 3:384-379 Mr-Apr '67.
- Mukhinov, B. M., Shabanova, G. R. - Effect of radiotherapy and surgical treatment on porphyrin metabolism in oncological patients. *Trudy Kazakh. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:136-140 '66.
- Mironovskiy, G. R. and others. - Study of ascorbic acid as carbon sources for the biosynthesis of gibberellins. *Pril. biokhim. i mikrobiol.* 4 no. 4:398-407 Ji-Ag '68.
- Kuznetsov, R. Kh. - Attempts to evaluate radioresistance of tissues depending on different irradiation systems in connection with changes in the excretion of β -aminoisobutyric acid. *Trudy Kazakh. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:136-140 '66.
- Nikol'skiy, I. V., Nazareva, A. A. - Darcum's syndrome of an infectious and allergic origin. *Vrach. delo* no. 7: 132-134 Ji '68.
- Nordov, M. M. - Relationship of some gastric juice electrolytes with acidity, peptic and excretion of uropeptin. *Vrach. delo* no. 7:146-147 Ji '68.
- Orlovskiy, Ch. S. - Oxidation of the blood and liver in experimental cholesterol atherosclerosis in rabbits. *Biol. eksp. biol. i med.* 68 no. 10:36-38 O '68.
- Ostapenko, O. P. - Some biochemical shifts in the organisms following the effects of the toxic chemical granobion. *Sbor. nauch. rab. KGM* 43:106-108 '67.
- Pashkova, M. I. - Protein metabolism in visceral leishmaniasis. *Trudy Azerb. nauch. i med. inst. i med. mod. parn. 1* (trop. med.) 5:136-140 '66.
- Pokrovskaya, E. L., Toroschenko, A. P., Volynskiy, V. M. - Effect of vegetable diet, including biomass of microalgal algae, on the excretion and balance of mineral elements of man. *Biol. i med.* 2 no. 3:78-81 My-Jo '68.
- Polishchova, L. I. - Role of androgens in realization of the effect of hydrocortisone and insulin on transaminase synthesis in rat's liver. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:468-481 S-O '68.
- Popovskiy, V. G., Vashuk, M. T., Kraposova, A. M. - Physicochemical and biochemical changes in fruit, berries and fruit and berry apices during sublimation-drying and preservation. *Trudy VNIIP* 8:20 '66.
- Popovskiy, V. G., Liberman, L. B., Rukhlov, A. G. - Studying changes in the activity of oxidizing enzymes during sublimation-drying of fruit and during their preservation. *Trudy VNIIP* 8:34-36 '68.
- Polotskiy, L. I. - Ascorbic glycolysis in the myocardium in chronic irritation of the vagus nerve. *Vrach. delo* no. 7:131-33 Ji '68.
- Ramunovich, A. M., Korobchenko, M. M., Khranov, N. F. - Oxidative phosphorylation and ubiquinol level in liver mitochondria of growing white rats following introduction of manganous. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4: 87-90 '68.
- Rodina, V. B. - Changes in the phosphor metabolism in some fractions of the rabbit brain under the effect of ionizing irradiation. *Sbor. nauch. rab. KGM* 43: 54-57 '67.
- Rodina, V. B., Cherenkova, T. A. - Effect of proteolytic enzymes of *Aspergillus awamori*. *Trudy VNIIP* 8 no. 10: 18-19 '66.
- Rumov, V. I. - Systematization of actions in a genetic code. *Dokl. AN BSSR* 133 no. 1:235-236 '68.
- Shukhova, T. V. - Effect of hypoxia on the function of the cardiovascular system following hemorrhaging due to hyperthermia. *Sbor. nauch. rab. KGM* 40:110-115 '66.
- Shukhova, T. V. - Disorders of sodium-potassium metabolism in patients with trauma of the skull and brain at an acute period. *Zhur. nerv. i psikh.* 68 no. 11:823-826 '68.
- Shukhova, T. V. - Changes in the metabolism of RAD and RADH in brain homogenates of rats subjected to X-ray irradiation with relatively small doses (40r). *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:87-90 '68.
- Shukhova, T. V. - Effect of cholinesterase inhibitors and the removal of the parasympathetic innervation of the nonmuscular transmission. *Biol. eksp. biol. i med.* 68 no. 10:123-124 O '68.
- Smirnov, V. B. - Disorders of porphyrin metabolism in late porphyria of the skin. *Vrach. delo* no. 7:141-143 Ji '68.
- Solomonov, P. A. - Human heat metabolism during adaptation to a desert. *Sbor. nauch. rab. KGM* 43:6-11 '67.
- Solov'ev, V. I., Akimov, I. A. - Activity of the proteolytic enzyme of fecin in the stomach. *Uzb. biol. zh.* 13 no. 4:3-8 '68.
- Stepanova, M. P., Kabanov, M. A., Chikharov, A. P. - Change in the activity of sympathetic adrenal system and electrolyte metabolism in children with congenital heart defects following surgery under conditions of artificial blood circulation. *Vest. khir.* 101 no. 1:138-139 Ji '68.
- Takhtelova, E. V., Gilov, A. P. - Analysis of adrenal serotonergic structures of the glucocorticoid reflex. *Biol. eksp. biol. i med.* 68 no. 10:7-9 O '68.
- Tep-Karapetian, M. A. and others. - Chemical of the cooling fermentation of green pea mass. *Biol. zh.* Ariz. 31 no. 4:13-15 My '68.
- Turkina, V. A. and others. - Quantitative changes in nuclear RNA in the cerebellum and cerebral cortex in rats at various stages of the formation of a conditioned reflex. *Zhur. vya. nerv. dat.* 18 no. 4:168-173 N-O '68.
- Ulin, A. V. - Dynamics of the copper content in whole blood, trace elements, and serum, and the coefficient of its distribution in epileptics. *Zhur. nerv. i psikh.* 68 no. 11:823-827 '68.
- Ushakovskiy, A. V., Akimov, A. V., Dzhinkovskiy, M. S. - Comparison of some indices of the protein metabolism with the pathomorphological changes in liver tissues in experimental diaphanous infection. *Biol. eksp. biol. i med.* 68 no. 10:123-124 O '68.
- Vashuk, M. T., Tsykova, N. M. - Effect of some enzymes on the nucleotide substrates adsorbed on triethylammonium ethyl sulfonate. *Mol. Biol.* 1 no. 3:197-201 Mr-Apr '67.
- Vashuk, M. T., Vashuk, V. K., Rukhlovskiy, U. M. - Isolation of polyphenoloxidase enzymes from potato tubers and the study of its composition. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:82-87 '68.
- Vedakov, A. A. and others. - Contribution to the theory of bolix-nol transition in DNA. *Mol. Biol.* 1 no. 2:313-310 Mr-Apr '67.
- Vladimirova, A. A. - Economic efficiency of using vitamin D in livestock rearing. *Trudy VNIIP* 8 no. 10:120-123 '66.
- Volynskiy, V. V. - Determining the activity of lipase in cultures of mold fungi. *Trudy VNIIP* 8 no. 10:84-88 '68.
- Volkova, M. K. and others. - Study of vitamin activity in canned vegetables. *Trudy VNIIP* 8:103-106 '68.
- Vorob'ev, V. I. - Changes in the proteolytic activity in some diseases of the stomach and gallbladder. *Voda. i med. zh.* no. 11:67-70 D '68.

577.1(479.38)—Armenian S. S. R.

Kacharian, A. B. - Basal metabolism in persons living under the alpine conditions of Aragats. *Sbor. nauch. rab. KGM* 47:78-81 '67.

577.1(479.3)—Kirghiz S. S. R.

Altinkov, A. U. - State of the acid-base equilibrium in patients with uncompensated cardiac defects having arrived from alpine regions, and in permanent residents of Frunze. *Sbor. nauch. rab. KGM* 40:101-104 '68.

Dzhumaliev, A. D. - Change in the histamine content in the blood and liver of rats under the effect of sprayed conditions of the city of Frunze and the alpine areas of Tyura-Asha (altitude 2300 m). *Sbor. nauch. rab. KGM* 43:38-41 '67.

Ryskova, M. G. - Basal metabolism in healthy inhabitants of the City of Frunze and in those with thyrotoxicosis. *Sbor. stud. rab. KGM* no. 10:118-119 '68.

Tarmakov, D. T. - On exchange and thermogenesis in native children of the alpine regions of northern Kirghizia. *Sbor. nauch. rab. KGM* 47:111-113 '67.

577.3 Life, in nature, etc. Life and death

Fangin, V. S. - Morphological cardiac changes following sudden death due to an acute disorder of the venous blood circulation. *Sbor. nauch. rab. KGM* 43:165-168 '67.

Khamilov, A. Kh. - Sudden death caused by an acute coronary insufficiency. *Sbor. nauch. rab. KGM* 43:169-171 '67.

577.3 Physiology. Biochemistry. Bioenergetics

Androskiyevskiy, M. L. and others. - Colorimetric study of the action of intramolecular fusion of collagen isolated from transplantable tumor. *Dokl. AN BSSR* 133 no. 1:113-114 '68.

Avramov, S. B., Smirnov, V. M. - Changes in the content potential of the cortex and deep structures of the human brain in emotional reactions. *Vop. psikh.* 14 no. 3: 83-78 My-Je '68.

Bakht, E. I. - Adaptive metabolism and oxidation and inhibition processes. *Sbor. nauch. rab. KGM* 43:17-31 '67.

Chetverikov, M. P., Altinkov, A. U. - Study of functional groups of the active center of creatine kinase by photolysis method. *Dokl. AN BSSR* 133 no. 4:1494-1497 '68.

Kabanov, M. A., Kharlamov, M. M., Androeva, A. A. - Significance of changes in cerebral electric activity for the evaluation of late sequelae of closed traumas of the brain. *Zhur. nerv. i psikh.* 68 no. 11:807-811 '68.

Jamshirovskiy, K., Balpas, P. - Hemodynamic effect of a transdermal electric impulse in cardiac fibrillation of diverse origin. *Kardiologiya* 5 no. 4:17-23 M-D '68.

Kalinin, I. V., Agabekov, M. A., Kabanov, M. M. - Changes in the electroencephalogram during the formation of a food-processing reflex to a rhythmic photic stimulus under some types of external and internal inhibition. *Zhur. vya. nerv. dat.* 18 no. 6:811-819 N-O '68.

Karavay, A. Kh. - Bioelectric studies of electric cardiac fibrillation. *Report No. 8*. *Sbor. nauch. rab. KGM* 42: 21-27 '67.

Kharlamov, M. A. and others. - Changes in cerebral bioelectric activity in some chronic diseases of the nervous system. *Vrach. delo* no. 7:132-33 Ji '68.

Khalimov, P. A. - Bioelectric activity in the nervous cells of basal ganglia of the mollusk *Physa* coarsens. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:431-433 S-O '68.

Kharlamov, M. A., Kovalev, B. V. - Electric activity of the cerebral cortex in epileptics during occupational therapy. *Zhur. nerv. i psikh.* 68 no. 11:804-811 '68.

Kudorova, A. L., Khalimov, A. I. - Temperature changes in infrared spectrum of the absorption of water in frog brain and cerebral tissues. *Biol. i med.* 68 no. 10:148-154 '68.

Meerov, T. B., Gerasimov, K. V. - Some characteristics of the electric activity of deep cerebral structures in epilepsy. *Zhur. nerv. i psikh.* 68 no. 11:803-1806 '68.

Syrskov, I. P. - Thermodynamic processes in a live system and the role of water in these processes. *Biol. i med.* 68 no. 10:155-160 '68.

Tsoli, K. M., Vashukovskiy, V. A., Tarmakov, D. T. - Study of the effect of salinization on ultraviolet fluorescence of the root system in plants. *Dokl. AN BSSR* 133 no. 1:118-119 '68.

Vashukovskiy, M. A., Kudorova, A. I. - Infrared spectra of the absorption of heavy-hydrogen and regular water in animal tissues. *Biol. i med.* 68 no. 10:155-160 '68.

Kabanov, M. A. - A new pickup for contactless recording of biopotentials in air. *Vest. LGU* no. 3:120-123 N '68.

577.38 Radiobiology

Arakyan, S. V., Arakyan, M. A. - Some physiological and biochemical processes in irradiated cotton anthers. *Uzb. biol. zh.* 13 no. 4:43-49 '68.

577.30 (Continued)

- Bryl', E. I., and others. - State of the endocrine system in acute radiation sickness in dogs. Vestn AN BSSR. Ser. Biol. nat. no. 4:54-58 '82.
- Furukawa, K. V. - Modification of radiation biochemical changes by the introduction of steroid hormones. Vestn AN BSSR. Ser. Biol. nat. no. 4:55-58 '82.
- Fedorova, G. V. - Effect of C¹⁴ on larvae hatched from eggs of *Corcybus pasci* (Gmel.). Vestn LGU no. 31: 15-18 '82.
- Lukashova, R. A., Timofeeva, N. A., Kozlov, N. V. - Accumulation of radiolabeled by dead tissues of freshwater plants. Trudy Inst. ekol. rast. i zhivotn. no. 8: 10-13 '82.
- Makhotina, G. I. - Distribution of some radiolabeled in common pine seedlings. Trudy Inst. ekol. rast. i zhivotn. no. 8:105-106 '82.
- Makhotina, G. I., Gileva, E. A. - Accumulation of some radiolabeled-115 and mercury-203 by freshwater plants and the effect of EDTA on accumulation coefficients of these radiolabeled. Trudy Inst. ekol. rast. i zhivotn. no. 8:172-178 '82.
- Mironov, B. A., Karavayeva, E. M. - Effect of soil moisture on the behavior of sulfur-34, cadmium-107 and strontium-90 in the system soil - plant. Trudy Inst. ekol. rast. i zhivotn. no. 8:179-184 '82.
- Molchanova, I. V. - Uptake of microactivity of vitamins-B1 and cerium-144 radiolabeled in plants from nutrient solutions and soil. Trudy Inst. ekol. rast. i zhivotn. no. 8:181-184 '82.
- Prokhorova, M. I. - All life dedicated to research on the 100th anniversary of the birth of Efm Semenovskikh. Vestn LGU no. 31:165-170 '82.
- Shukla, A. M. - Mechanism of water transfer through intercellular walls in animals. Strukt. i rol' vody v zhiv. org. no. 1:182-189 '82.
- Timofeeva, N. A., Kozlov, N. V. - Role of freshwater plants in strontium-90 accumulation and distribution in different components of the body of water. Trudy Inst. ekol. rast. i zhivotn. no. 8:185-191 '82.

577.4 General conditions of life. Ecology. Phytology

- Arakchikova, M. F., and others. - Basal metabolism under alpine conditions in persons arriving from different climatic zones. Zh. med. i biol. nauch. 47:5-10 '87.
- Briskov, D. A. - Some urgent problems of ecology: physiology of nervous activity. Zh. med. i biol. nauch. 47:11-14 '87.
- Ishchik, B. A. - Developmental characteristics of the pine moth in different types of forests. Zh. med. i biol. nauch. 47:15-18 '87.
- Lurie, M. A. - Ecological differences in alpine species of the chalcid beetle. Zh. med. i biol. nauch. 47:19-25 '87.

577.4(356)—Pacific Ocean

- Mikhailova, A. P. - Some information on plankton in the northwestern part of the Pacific Ocean. Izv. TINRO 61:2-40 '87.

577.4(578.2)—Kirgizia S. S. R.

- Turmetbayev, B. T. - On the ecology and thermogenesis in native children of the alpine regions of northern Kirgizia. Zh. med. i biol. nauch. 47:111-113 '87.

578 Biological techniques

- Abdurazakov, D. M., Lektorsky, G. M., Danant, I. M. - Interval timing of cerebral neoplasm: experimental data. Zh. med. i biol. nauch. 47:179-180 '82.
- Adigirayeva, B. Kh., and others. - Preliminary data of a study of radiolabeled under conditions of a tissue culture. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:86-97 '87.
- Alimov, A. G. - Clinical significance of erythrocyte sedimentation reaction in acute paratuberculous infection and sepsis. Klin. khir. no. 8:56-58 '82.
- Alapova, A. L. - Experience in laboratory work on the preparation of preserved tissues. Zh. med. i biol. nauch. 47:177-178 '82.
- Alakoskinen, I. F. - Thermoelectrographic method of studying the electric shielding factor. Zh. med. i biol. nauch. 47:109-114 '87.
- Antikha, V. V. - Experimental in reproduction of rotund infection by *Spiroplasma* of tick-borne relapsing fever and *Leishmania* *Leishmania* in guinea pigs. Trudy Amer. nauch. i tekhn. otk. i rad. 4:98-101 '87.
- Derzavskiy, V. A. - Study of gas exchange in tissues. Sources of errors in petrographic determination of oxygen tension. Zh. med. i biol. nauch. 47:177-178 '82.
- Dogtarenko, G. S. - Methodology of the detection of total protein in cells. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:97-100 '87.
- Filippovskiy, I. V., and others. - Associated determination of biotransformation in rodents in laboratory food. Vopr. med. i biol. nauch. 47:115-116 '82.
- Gerasimov, B. I., and others. - Comparative analysis of the growth kinetics of two sublines (radiation-resistant and control) of *Escherichia coli* K12. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:84-89 '87.
- Lukashova, R. A. - Model for studying the effect of acute and chronic irradiation on cells cultivated outside of the body. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:119-121 '87.
- Petrav, V. S. - Electron microscope characteristics of synapses of the cerebral cortex in patients with epileptic seizures. Zh. med. i biol. nauch. 47:117-121 '82.
- Rozhnov, K. V., Lepikh, A. A. - Feeding of test animals in space flights. Kosm. med. i med. 3 no. 3:23-25 '82.
- Shchek, P. M., Makhotina, G. I. - Microculture method with the use of fluorescent microscopy for speeded-up diagnosis of adenoviruses. Vopr. virus. 13 no. 4:504-508 '82.

- Syrtankin, M. V., Shokhin, T. D. - Oncological status of the C₃H₂ CPA hybrid mice of the first generation. Trudy Kazakh. nauch. i tekhn. otk. i rad. 3:101-107 '87.

578.5 Microscopy

- Slapin, L. I. - Using fluorescent microscopy in the study of phages. Report No. 1. Trudy Len. khim.-farm. inst. 10:80-100 '82.

58 BOTANY

581 General botany Plant biology

- Martynova, V. P. - Interesting vegetable gardening. Izv. Vor. gos. ped. inst. 30:44-46 '87.
- Ters, V. G. - Biology of *Corallaria majalis* L. Trudy Len. khim.-farm. inst. 10:81-84 '82.
- Kozhova, K. L. - General principles of methods in making index cards in a school course in botany. Izv. Vor. gos. ped. inst. 30:13-15 '87.
- Kozhova, K. L., Zagorodnitskaya, L. I. - Seasonal botanical excursions with schoolchildren. Izv. Vor. gos. ped. inst. 30:36-44 '87.

581(471.6)—Ural regions

- Petrokhova, I. P. - Increase in frost resistance as result of acclimatization. Trudy Inst. ekol. rast. i zhivotn. no. 8:177-181 '87.

581(470)—White Russia S. S. R.

- Shrivash, L. D., Krasnova, E. A. - Institute of Experimental Botany of the Academy of Sciences of the White Russia S. S. R. Bot. zhurn. 33 no. 5:713-720 '82.

581(570.2)—Kirgizia S. S. R.

- Amelina, V. M., Marfisiya, S. G., Voznesenskiy, V. M. - Botanical excursion to Kirgizia. Bot. zhurn. 33 no. 5:721-723 '82.

581.1 Plant physiology and metabolism

- Arakchikova, M. F., Arakchikova, M. A. - Some physiological and biochemical processes in irradiated cotton seedlings. Zh. med. i biol. nauch. 47:141-143 '82.
- Avlov, I. A. - Effect of some carbohydrates on the respiration intensity in *Chlorella luteoviridis* var. *luteoviridis*. Zh. med. i biol. nauch. 47:143-144 '82.
- Bagdasaryan, R. I. - Photosynthesis regulation by growth processes. Dokl. Akad. Nauk SSSR 261:184-186 '87.
- Bell, L. R., and others. - Spectra of the energy output in photosynthesis. Anomalous in the shortwave region of visible spectrum. Dokl. AN BSSR 183 no. 5:1433-1435 '82.
- Dobson, M. A. - Effect of the absorption and concentration of nutritive substances in a solution on the metabolism and water balance in the cotton plant. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:98-101 '87.
- Dobson, M. A. - Nuclear magnetic resonance and the problem of water in plant and animal tissues. Strukt. i rol' vody v zhiv. org. no. 1:180-189 '82.
- Dobson, M. A. - Effect of gibberellins on the growth and development of trees. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:101-103 '87.
- Dobson, M. A. - Photosynthesis regulation in a dehydrated state. Dokl. Akad. Nauk SSSR 261:187-188 '87.
- Chelobakh, M. Kh., Lashina, L. I., Yulova, L. A. - Effect of day length and gibberellins on flowering of *Bryophyllum* plants of different age. Dokl. AN BSSR 183 no. 1:130-132 '82.
- Chelobakh, M. Kh. - Effect of EDTA on the uptake of radiolabeled in plants subjected to temperature. Trudy Inst. ekol. rast. i zhivotn. no. 8:185-191 '82.
- Fedorova, G. V., Lektorsky, G. M. - Change in pine photosynthesis as affected by root forage. Vestn AN BSSR. Ser. Biol. nat. no. 4:54-58 '82.
- Fedorova, G. V. - Adaptation of photosynthesis in succulents to high temperatures in a protected ground. Dokl. Akad. Nauk SSSR 261:189-190 '87.
- Filippovskiy, I. M. - So-called phasic heterogeneity of tissues. Bot. zhurn. 33 no. 5:777-783 '82.
- Flisov, A. V. - Development of asexual forms of weed plants in the steppes of the Ukraine. Bot. zhurn. 33 no. 5:784-788 '82.
- Pradka, L. I., Valad-Daniel, A., Shlyk, A. A. - Microscopy of chlorophyll b in *Chlorella* strains of corn. Dokl. AN BSSR 183 no. 4:130-132 '82.
- Gerasimov, V. V., and others. - Process of photosynthesis at low temperatures. Bot. zhurn. 33 no. 5:789-797 '82.
- Gerasimov, V. V. - Water content in nonirradiated leaves and its changes in relation to plant root supply with water. Dokl. AN BSSR 261 no. 4:184-186 '82.
- Gerasimov, V. V. - Effect of illumination on the absorption of electron, potassium and magnesium by the sunflower. Dokl. TINRO 61:111-112 '87.
- Il'yushin, K. G. - Response of photosynthesis to nitrogen nutrition level. Dokl. Akad. Nauk SSSR 261:191-192 '87.
- Kozhova, K. L. - Effect of leaf age and defoliation on metabolic acid metabolism in absorption tissue cells of a cotton leaf. Zh. med. i biol. nauch. 47:121-123 '82.
- Kozhova, K. L. - Kinetics of photosynthetic carbon metabolism in *Chlorella* as affected by different temperatures. Dokl. Akad. Nauk SSSR 261 no. 4:193-194 '82.
- Kozhova, K. L., Chelobakh, M. Kh. - Physiologically active substances produced by model bacteria. Dokl. AN BSSR 261 no. 4:195-196 '82.

- Kozhova, K. L., Bagdasaryan, V. B. - Effect of phages on the content of phosphorus compounds in plants resistant and sensitive to its action. Dokl. TINRO 61:113-114 '87.
- Karavayeva, E. M. - Distribution of sulfur-34 according to basic groups of chemical compounds in pea and pine plants as related to soil moisture level. Trudy Inst. ekol. rast. i zhivotn. no. 8:181-184 '82.
- Krasnova, E. A. - Selection of gas resistant leaves from Trudy Inst. ekol. rast. i zhivotn. no. 8:181-184 '82.
- Krasnova, E. A., Pechenkin, S. I. - Study of water stress phenomena with the help of redoxant-211, and Mordvin lines. Zh. med. i biol. nauch. 47:117-121 '82.
- Krasnova, E. A. - Photosynthetic activity in perennials. Zh. med. i biol. nauch. 47:121-123 '82.
- Krasnova, E. A. - Types of response reactions (based on C¹⁴ fixation rate) in oat plants grown under different root feeding conditions. Zh. med. i biol. nauch. 47:123-124 '82.
- Krasnova, E. A., Moser, L. P. - Study of the relationship between radiation phenomena (based on absorption of C¹⁴) and physiological plant condition. Zh. med. i biol. nauch. 47:125-126 '82.
- Krasnova, E. A., Markovskiy, A. G. - Forecasting the weathering periods of corn by the rate of the action of the leaves. Izv. Kazakh. nauch. i tekhn. otk. i rad. 4:101-103 '87.
- Krasnova, E. A., Kozhova, K. L. - Effect of vegetation on the vertical cesium-137 migration in soil. Trudy Inst. ekol. rast. i zhivotn. no. 8:147-154 '82.
- Lethal and critical doses of gamma rays for some woody plants introduced in White Russia. Trudy Inst. ekol. rast. i zhivotn. no. 8:151-152 '87.
- Makhotina, G. I. - Distribution of some radiolabeled in common pine seedlings. Trudy Inst. ekol. rast. i zhivotn. no. 8:105-106 '82.
- Makhotina, G. I., Gileva, E. A. - Accumulation of radiolabeled-115 and mercury-203 by freshwater plants and the effect of EDTA on accumulation coefficients of these radiolabeled. Trudy Inst. ekol. rast. i zhivotn. no. 8:172-178 '82.
- Martynova, E. A. - Variability of pine seed germination in relation to temperature balance. Trudy Inst. ekol. rast. i zhivotn. no. 8:157-159 '87.
- Martynova, E. A. - Feeding from soil as an important factor of the growth, development and acclimatization of ornamental plants. Trudy Inst. ekol. rast. i zhivotn. no. 8:163-167 '87.
- Martynova, E. A. - Features of the phasic development of some perennial coral grasses. Zh. med. i biol. nauch. 47:121-123 '82.
- Martynova, E. A. - Cation and anion balance during germination of corn and wheat seeds. Vestn LGU no. 31:133-135 '82.
- Mikhailova, T. L. - Photosynthesis inhibition by sodium chloride. Zh. med. i biol. nauch. 47:125-126 '82.
- Mokrosheev, A. T. - Photosynthesis regulation. Dokl. Akad. Nauk SSSR 261:191-192 '87.
- Mokrosheev, A. T. - Autoradiographic study of the metabolic mechanism of osmotic stress. Tselul. i pap. 10 no. 10:134-135 '82.
- Mokrosheev, A. T. - Gas resistance of local and introduced woody plants in Buryat Republic. Trudy Inst. ekol. rast. i zhivotn. no. 8:151-152 '87.
- Mokrosheev, A. T. - Radiolabeled alkaloids. Farmatsiya 17 no. 4:184-185 '82.
- Mokrosheev, A. T., Rukhovich, P. A. - Radiolabeled and individual variability of the content of alkaloids in poplar wood in Kazakhstan. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:101-103 '87.
- Mokrosheev, A. T., Rukhovich, P. A. - Study of the soluble protein complex of *Chlorella* in relation to nitrogen nutrition conditions. Vestn LGU no. 31:136-138 '82.
- Mokrosheev, A. T., Rukhovich, P. A. - Characterization of nitrogen nutrition of cotton during the first year after plowing alfalfa field. Zh. med. i biol. nauch. 47:121-123 '82.
- Mokrosheev, A. T. - Pharmacological study of *Solanum tuberosum* L. potato tubers, a source of solanine. Farmatsiya 17 no. 4:187-188 '82.
- Mokrosheev, A. T. and others. - Effect of chlorophyllase on chlorophyllase (preparation TUN) on winter wheat. Vestn AN BSSR. Ser. Biol. nat. no. 4:54-58 '82.
- Mokrosheev, A. T. - Cellulose content of the wood of poplar and willow in the Issyk-Arkhon. Trudy Kazakh. nauch. i tekhn. otk. i rad. 4:101-103 '87.
- Nadol, A. B., Shlyk, A. A., Veselikh, A. I. - Absence of inhibition in the retranslocation and accumulation of chlorophyll following brief illumination of etiolated leaves. Dokl. AN BSSR 183 no. 1:133-134 '82.
- Shchek, P. M., Pechenkin, S. I. - Change in the activity of amylase in ripening and germinating rye seeds. Dokl. TINRO 61:115-116 '87.
- Shchek, P. M., Pechenkin, S. I., Agabekov, K. G. - Respiratory activity of bean tubers. Dokl. TINRO 61:117-118 '87.
- Shchek, P. M. - Water hardness of roses in relation to their acclimatization in the Central Urals. Trudy Inst. ekol. rast. i zhivotn. no. 8:153-154 '87.
- Shchek, P. M. - Effect of fertilizers on the photosynthetic activity of corn. Izv. Kazakh. nauch. i tekhn. otk. i rad. 4:101-103 '87.
- Shchek, P. M., Lashina, L. I. - Comparative study of the hemostatic effect of the *Viburnum opulus* L. and *Salix alba*. Farmatsiya 17 no. 4:184-185 '82.
- Shchek, P. M., Markovskiy, A. G. - Variability of leaves and the photosynthesis of ornamental plants in experimental polyphagy. Vestn AN BSSR. Ser. Biol. nat. no. 4:54-58 '82.
- Shchek, P. M., Pechenkin, S. I. - Effect of gibberellins on acid content in some mesocotyl cuttings. Bot. zhurn. 33 no. 5:779-784 '82.
- Shchek, P. M., and others. - Some photosynthetic regulation aspects developing under the influence of experimental factors on leaves and isolated chloroplasts. Dokl. Akad. Nauk SSSR 261:193-194 '87.
- Timofeeva, N. A., Kozlov, N. V. - Role of freshwater plants in strontium-90 accumulation and distribution in different components of the body of water. Trudy Inst. ekol. rast. i zhivotn. no. 8:185-191 '82.

581.1 (Continued)

- Tulits, O. V., Gukova, M. M. - Effect of potassium on the content of carbohydrates and nitrogen in the pea. Dokl. TSKHA no. 184:286-210 '67.
- Turtik, M. A. - State of endogenous ethalators and inhibitors of the growth in winter-flowering perennial *Krichkeya japonica* L. Roob. AN Gruz. 63. 31 no. 1: 158-173 '68.
- Valyuta, A. P., Iks, A. P. - Effect of herbicides on the morphogenesis and productivity of fiber flax varieties. Vest. AN BSSR, Ser. Biol. nav. no. 4:33-41 '68.
- Vasilenko, M. P., Oskmarova, L. G., Krylov, I. U. V. - Effect of prolonged and short-lived action of blue light on photosynthesis in peas. Dokl. AN BSSR 183 no. 8: 1443-1446 '68.
- Voronezhskii, V. L. - Carbon dioxide compensatory point in gaseous exchange of plants. Bot. zhurn. 53 no. 8: 864-869 '68.
- Zharov, I. U. N., Popova, Z. I. - Early spring photosynthesis in cryptophyllous plants. Uch. zap. UrGU no. 89: 48-49 '67.

581.1(471.5)—Ural regions

- Chavilov, M. L. - Transpiration of snow-protecting trees in the southern Ural. Trudy Inst. ekol. rast. i shivost. no. 54:38-43 '67.
- Bergov, L. L., Zigmundov, A. M. - Winter hardiness and frost-crack of woody plants in the Ural. Trudy Inst. ekol. rast. i shivost. no. 54:59-63 '67.

581.1(471.53)—Dzhirgatal A. S. R.

- Kalagala, I. U. E. - Winter hardiness and winter drought resistance of *Robinia pseudacacia*, *Amorpha fruticosa* and *Cotinus* in the city of Ufa. Trudy Inst. ekol. rast. i shivost. no. 54:63-64 '67.

581.1(471.54)—Sverdlovsk Province

- Pavlov, I. P. - Frost resistance of a series of introduced and local woody plants in Sverdlovsk. Trudy Inst. ekol. rast. i shivost. no. 54:70-74 '67.

581.1(479.24)—Azerbaijan S. S. R.

- Ahmed, A. M., Babayev, M. A. - Study of alkaloids derived from *Vincetoxicum* W. et K. growing in the Azerbaijan S. S. R. Farmakol. 17 no. 4:23-27 '68.

581.1(571)—Asiatic R. S. F. S. R.

- Protosev, M. M. - Increase in winter hardiness of introduced woody plants in Central Siberia. Trudy Inst. ekol. rast. i shivost. no. 54:75-78 '67.

581.2 Plant diseases, injuries, malformations, pests

- Belokobov, M. A., Isakov, B. M. - Physiology of the wilt induced cotton plant. Trudy Sov. MUKI no. 13:114-123 '67.
- Berezinskii, I. G. - Diagnosis of root fungus in spruce forests. Zhurn. rab. MLTI no. 18:124-126 '67.
- Mylov, V. V. - Susceptibility of Kentucky bluegrass to powdery mildew and the fruit fly depending on the sowing time while growing it from seed on the experimental field of the Department of Meadow Culture. Zap. LKH 106 no. 3:70-72 '67.

581.3 Embryology

- Bashkova, V. P. - Disturbances in the embryogenesis resulting from remote interspecific hybridization of *Nicotiana glauca* L. M. var. L. Bot. zhurn. 53 no. 6:623-630 '68.
- Gorvatskaya-Mavashina, E. M., and others. - Process of double fertilization at low temperatures. Bot. zhurn. 53 no. 6:634-637 '68.
- Golobova, L. V., Turtik, P. P., Vasileva, M. A. - Method of isolating wheat embryos by using turbulent motion. Prikl. biokhimi. i mikrobiol. 4 no. 4:451-454 '68.
- Konysheva, V. I., Botalk, A. A. - Formation of wormwood seed cover. Uch. zap. shivost. 13 no. 4:31-34 '68.

581.4 Morphology

- Barykina, R. P. - Anatomical analysis of vegetative organs in *Aspergillus penicillatus* L. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:43-48 '67.
- Isakov, A. I., Marmatyanova, A. D. - Neotomas of *Aspergillus* Batsch. Uch. zap. shivost. 13 no. 4:27-30 '68.
- Danilova, M. F. - Anatomical study of *Dracopisophium nodulosum* Rupp. Report No. 1. Trudy Len. khim. - farm. inst. 19:67-73 '68.
- Oskmarova, A. F., Salentina, L. V., Gromovskaya, M. K. - Comparative morphological studies of *Astragalus caspensis* Pall. Trudy Len. khim. - farm. inst. 19:57-61 '68.
- Gaidan, K. P. - Comparative morphological studies of *Myxophora caudata* J. et C. Presl. and *Myxophora heterophylla* (L.) Smith. Trudy Len. khim. - farm. inst. 19:63-68 '68.
- Malov, G. P. - Short anatomical review of the vegetative parts of the genus *Sophora* L. Trudy Len. khim. - farm. inst. 19:119-123 '68.
- Ufimtsov, A. I. - Anatomical structure of some species of *Lathyrus* L. Trudy Len. khim. - farm. inst. 19:67-71 '68.
- Lisova, L. I., Fedotov, V. S. - Study of the inheritance of resistance to periderm structure characteristics preventing dehiscence of fruit by hybrid flax bean forms. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:33-41 '67.
- Luchina, A. K. - Some morphological and anatomical characteristics of the structure of underground organs in *Glycyrrhiza glabra* L. and *G. yuleensis* Fisch. Bot. zhurn. 53 no. 6:609-613 '68.

- Salentina, L. V., Syrovatkin, M. V. - Diagnostic anatomy of *Potentilla arguta* L. Trudy Len. khim. - farm. inst. 19:68-67 '68.
- Shvachuk, L. P., Abdullayev, A. A. - Morphobiological characteristics of the hybrid "bark". Uch. zap. shivost. 13 no. 4:65-67 '68.
- Shvachuk, L. I. - Using fluorescent microscopy in the study of plants. Report No. 1. Trudy Len. khim. - farm. inst. 19:123-125 '68.
- Vasiliev, B. R. - Leaf anatomy in some arborescent legumes of the *Astragalus* section. Bot. zhurn. 53 no. 6:623-630 '68.

581.5 Zoology

- Molodtsov, V. V. - Little watches. Berez' priroda Prikl. no. 1:117-120 '68.
- Blazhkovskaya, P. A. - Effect of derivation and form of European beech seeds on the quality of nursery stock. Trudy KASHILKH 6:234-241 '67.
- Shchegolev, Z. I., Tikhonov, S. M. - Morphology of plant residues decomposition in peat deposits. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:84-90 '67.
- Ushakov, O. M. - *Alaria eschscholtzii* and introduction of protoplasmic species of podar in protective forest plantings. Trudy KASHILKH 6:236-237 '67.

581.5(561)—Atlantic Ocean

- Vladimirov, L. A. - Composition and distribution of phytoplankton in the equatorial Atlantic in spring of 1963. Trudy Akad. Nauk 18:184-200 '67.

581.5(471.26)—Kalinograd Province

- Mitsenko, A. A. - Observations on the overgrowth of sand dunes of Kuznetskaya Koma. Vest. LGU no. 3:69-79 '68.

581.5(471.311)—Moscow Province

- Petrov, V. V. - Effect of the slope exposure on the vegetation formation of sandy outcrops. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:87-94 '67.

581.5(471.5)—Ural regions

- Mirkin, B. M., and others. - Shrub steppes as an element of landscape of the subarctic zone of the U. S. S. R. and their utilization. Trudy Inst. ekol. rast. i shivost. no. 54:107-109 '67.

581.5(471.53)—Dzhirgatal A. S. R.

- Fedorova, B. I. - Introduction and acclimatization of woody plants in forest steps of the western cis-Ural region. Trudy Inst. ekol. rast. i shivost. no. 54:229-237 '67.

581.5(471.53)—Perm Province

- Gromov, G. A., Labadova, A. T. - Preserve valuable medicinal plants. Berez' priroda Prikl. no. 1: 90-108 '68.

581.5(571.6)—Soviet Far East

- Gromov, V. V. - Submarine vegetation of Andreyev Bay. Vest. LGU 23 no. 5:478-52 '68.

581.5(578.1)—Dzhirgatal A. S. R.

- Marchukov, A. A. - Behavior of some European and Caucasian plants in the Botanical Garden of the Academy of Sciences of the Uzbek S. S. R. Uch. zap. shivost. 13 no. 4: 54 '68.

581.5(578.178)—Kara-Kalpak A. S. R.

- Tursonov, K. - Productivity of aerial masses of main plant communities in the Kara-Kalpak part of the Ustyurt. Uch. zap. shivost. 13 no. 4:64 '68.

581.5(578)—Arctic and North Polar regions

- Petrovskii, V. V., Matveeva, M. V. - Discussion of social vegetation types at the solonchik section of the Laboratory of the Far North Vegetation of the Botanical Institute of the Academy of Sciences of the U. S. S. R. Bot. zhurn. 53 no. 6:713-721 '68.

581.5 Plant history

- Oreshchinskii, M. I. - Leaf anatomy in mulberry of Central Asia. Uch. zap. shivost. 13 no. 4:43 '68.
- Lipinova, S. A., Tikhonova, E. A., Kozlov, R. V. - Accumulation of radionuclides by seed tissues of freshwater plants. Trudy Inst. ekol. rast. i shivost. no. 54: 73-81 '68.

581.5 Phytogeography

- Chopik, V. I. - Coexistence of *Berterium Longifolium* L. in the U. S. S. R. Bot. zhurn. 53 no. 6:671-679 '68.

581.5(471.43)—Ulyanovsk Province

- Mikheev, A. D. - Supplement to the flora of Ulyanovsk Province. Bot. zhurn. 53 no. 6:679-683 '68.

581.5(471.5)—Ural regions

- Koyanina, M. I. - Flora resources of the central cis-Ural region. Berez' priroda Prikl. no. 1:81-89 '68.

581.5(471.53)—Perm Province

- Anfina, E. M. - Mountain vegetation of Perm Province. Berez' priroda Prikl. no. 1:43-47 '68.

581.5(476)—White Russian S. S. R.

- Piskov, I. A. H. - Geobotanical characteristics of swampy birch forests. Vest. AN BSSR, Ser. Biol. nav. no. 4: 33-34 '68.
- Shapkin, I. M. - Phytocenotic and ecological analysis of the flora of the Pich' floodplain. Vest. AN BSSR, Ser. Biol. nav. no. 4:44-52 '68.

581.5(477.9)—Crimes

- Belianina, N. B. - Second flowering in the Crimea. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:68-70 '67.

581.5 Spore plants

- Babikova, G. P., Andrusenko, M. I. A. - Ammonia acid composition of the biomass of local fodder yeast on plant hydrolyzates. Uch. zap. shivost. 13 no. 4:8-11 '68.
- Bobova, S. S. - Growth activity of *Aspergillus oryzae*. Prikl. biokhimi. i mikrobiol. 4 no. 4:456-461 '68.
- Dobrovol'skii, G. M., Rodzavich, V. I. - Separation of glucanase of *Aspergillus awamori* from transglucanase. Trudy VNIIF 10:1618-16 '68.
- Gaidan, K. P. - Use of ultraviolet rays and ethylamine in the isolation of *Aspergillus* producing amylolytic enzymes. Trudy VNIIF 10:1636-44 '68.
- Golger, L. I., Rybakina, M. V., Naumenko, I. P. - Studying the process of vitrification conveying of culture media. Trudy VNIIF 10:1641-44 '68.
- Golger, L. I., Shilova, A. A. - Growing of mold fungus cultures in the moving bed of the culture medium. Trudy VNIIF 10:1657-61 '68.
- Ostrovich, S. A. - Fungi on exotic and native plants, their specialization, and geographical distribution. Vest. LGU no. 3:58-59 '68.
- Lavrenko, V. L., Volynskii, I. M., Melent'eva, G. F. - Some data on proteases of *Aspergillus oryzae* 3-6-15. Prikl. biokhimi. i mikrobiol. 4 no. 4:461-464 '68.
- Nasova, M. A. - Kinetics of photosynthetic carbon metabolism in *Chlorella* as affected by different temperatures. Uch. zap. UrGU no. 89:73-76 '67.
- Konov, S. A., Shakhova, T. V. - Comparing the activity of amylolytic enzymes in various species of mold fungi at submerged cultivation. Trudy VNIIF 10:1673-79 '68.
- Kotov, V. B., Oreshnikov, A. K. - Effect of amino acids on the mutant growth of *Aspergillus niger* 7788/45 and the formation of active dextrinase by it. Trudy VNIIF 10:1684-88 '68.
- Labadova, A. T., and others. - Stabilization of the concentration of the elements of mineral nutrition during prolonged cultivation of *Chlorella* on recovered media. Korm. biol. i med. 3 no. 3:118-123 '67.
- Lavrenko, V. L., Shilova, T. P., Uspenskaya, G. D. - Conference dedicated to the memory of Professor I. L. Kurnakov. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3:117-118 '67.
- Mironov, G. G., Lanskaya, L. A. - Survival of some marine planktonic and benthophilous algae in seawater contaminated with petroleum products. Bot. zhurn. 53 no. 6:681-689 '68.
- Pisarev, V. V., Bere, M. P., Pashkova, G. G. - Study of the soluble protein complex of *Chlorella* in relation to nitrogen nutrition conditions. Vest. LGU no. 2: 140-149 '68.
- Pokrovskaya, E. I., Tereshchenko, A. P., Volynskii, V. M. - Effect of vegetative diet, including biomass of unicellular algae, on the excretion and balance of mineral elements. Korm. biol. i med. 3 no. 3:78-81 '67.
- Rodzavich, V. I., Isakova, E. M. - Transglucanase enzymes in cultures of mold fungi. Trudy VNIIF 10:1610-13 '68.
- Rodzavich, V. I., Cherenkova, T. A. - Effect of proteolytic enzymes of *Aspergillus awamori*. Trudy VNIIF 10:1614-18 '68.
- Rukhlovskaya, A. P., Lisova, E. A. - Colorimetric method of determining carbohydrates in bran and the surface culture of mold fungi. Trudy VNIIF 10:1676-78 '68.
- Shilova, T. V. - Karyology of algae today. Bot. zhurn. 53 no. 6:693-701 '68.
- Shakhova, T. V., and others. - Method of isolating methanobacteria from natural fluids of *Chlorella*. Korm. biol. i med. 3 no. 3:43-47 '67.
- Shakhova, T. V. - Testing the action of biopreparations from *Trichoderma* fungi in the control of root fungus. Trudy KASHILKH 6:238-247 '67.
- Volynskii, V. V. - Fat decomposition by some *Aspergillus*. Trudy VNIIF 10:1660-63 '68.
- Volynskii, V. V. - Determining the activity of lipase in cultures of mold fungi. Trudy VNIIF 10:1664-68 '68.

581.5(471.53)—Perm Province

- Lisova-Kozik, E. A. - Mycoflora of some soils in Perm Province. Vest. Mosk. un. Ser. 6: Biol., postr. 22 no. 3: 71-78 '67.

581.5(479.24)—Azerbaijan S. S. R.

- Barikidov, Sh. O. - Some new lichens from Azerbaijan. Dokl. AN Azerb. SSR 24 no. 4:48-48 '68.

581.5(479.26)—Armenian S. S. R.

- Simoniya, S. A. - Mycoflora review in Magri District of the Armenian S. S. R. Biol. zhurn. Arm. 31 no. 6: 78-85 '68.

581.5(571.63)—Maritime Territory

- Shchegolev, M. V. - Distribution of algae along the coast of the Maritime Territory. Izv. TINRO 61:286-290 '67.

581.5(578)—Central Asia

- Khailov, E. - Algaeflora community in reservoirs of Central Asia. Uch. zap. shivost. 13 no. 4:43-44 '68.

682.4 Seed plants

- Abubakirov, N. K., Khalimzadev, U. F. - *Parasommaria* of *Psoralea drupacea*. Khim. prirod. soed. no. 1. 137-138 '87.
- Agabekova, V. Sh. - Palynomorphology of some primitive Angiosperms. Bot. zhurn. Arm. 11 no. 5:583-78 May '86.
- Afilonova, A. U., Ruzhanskaya, N. I. A. - Effectiveness of the use of Adonis Turanica in the treatment of blood circulation disorders in rheumatic cardiac defects. Zhurn. nauch. rab. KIME 40:177-181 '86.
- Aleksandrov, F. A. - Chokeberry forms in Kirov Province and their future utilization for landscape gardening. Trudy Inst. ekol. rast. i shivotn. no. 54:145-148 '87.
- Altynbekov, A., Altynbekova, T. M. - Pharmacology of *Sophora alopecuroides*. Zhurn. nauch. rab. KIME 41: 112-114 '87.
- Antimicrobial action of substances isolated from barberry. Ruzhanskaya, N. I. V. and others. Uzb. biol. zhurn. 11 no. 4:18-19 '86.
- Bakhtiyarova, R. P. - Anatomical analysis of vegetative organs in *Aspyridium alba* L. Vest. Mosk. un. Ser. 6: Biol., pochv. 33 no. 3:43-56 May-June '87.
- Bakova, V. N., Ruzhanskaya, N. I. A. - Opposite acid from the roots of *Asanthophyllum subglabrum* and *A. gypsophiloides*. Khim. prirod. soed. no. 3:98-97 '87.
- Blinova, E. P., Kozharova, M. N. - Pharmacognostic study of *Hypochaeris erecta* L. Trudy Leningradsk. farm. inst. 19:133-139 '85.
- Buskov, A. I., Nersisyan, A. D. - Medicines of Amman Station State. Uzb. biol. zhurn. 12 no. 4:37-38 '85.
- Chumakov, T. K., Mungaliyeva, O. M. - Anthracnose disease in seeds and leaves of *Rhus tatarica* L. Part 3. Khim. prirod. soed. no. 3:144 '87.
- Hadassya, I. I., Kuznetsov, A. D., Ushakova, Y. M. - Alkaloids of *Staphanandra beryandensis*. Part 3. Khim. prirod. soed. no. 3:108-109 '87.
- Iskenderova, V. - Effectiveness of treating blood circulation disorders with Adonis of Turkmenia. Zhurn. ekol. rab. KIME no. 18:43-54 '86.
- Kozhikova, K. I., Yaratova, I. V., Lashinova, G. V. - β -chloromethylate of L-carnitine from *Thalictrum minus* L. Part 3. Khim. prirod. soed. no. 3:141 '87.
- Kozhikova, K. I. - Some morphological and anatomical characteristics of the structure of underground organs in *Oxyrrhiza glabra* L. and *O. tricuspidata* Fisch. Bot. zhurn. 12 no. 5:800-813 May '86.
- Kozlov, V. M., Iudinova, S. I. U. - Separation of estradiol and estradiol from *Vincetoxicum*. Khim. prirod. soed. no. 3:142 '87.
- Kukharova, K. I., Akramov, S. Y., Iudinova, S. I. U. - Separation of estradiol and estradiol from *Vincetoxicum*. Khim. prirod. soed. no. 3:142 '87.
- Kuznetsov, I. O., Akhmedov, M. K. - Synthesis of glycosides of L-carnitine. Part 3: Structure of lactone A and lactone B. Khim. prirod. soed. no. 3:141-142 '87.
- Pakizade, K. P., Sadykov, A. B. - Hirsutaria, a new glycoside of flowers *Oxyrrhiza glabra* L. Khim. prirod. soed. no. 3:140-141 '87.
- Saidov, D. K., Khatunov, B. M. - Morphological structure and localization of tracheids in *Gonolobus reuteri* during the first year of vegetation. Uzb. biol. zhurn. 12 no. 4: 55 '86.
- Satim, L. A., and others. - Structure of perianthoid, dipteris from *Maritimum porphyreum*. Khim. prirod. soed. no. 2:80-86 '87.
- Shapiro, L. L., Pilyavskiy, I. U. S., Fed. R. Z. - Comparison of Eosinophilic lignin from wood of *Larix* and *Pinus*. Khim. prirod. soed. no. 3:143-144 '87.
- Thomson, L. A. - Introduction of *Populus alba* pyramidalis in Buzdakovskiy Province. Trudy Inst. ekol. rast. i shivotn. no. 54:144-150 '87.
- Voskresenskaya, A. T., Litvinova, T. I. - Chemical study of the composition of *Bupleurum scorzonera*. Khim. prirod. soed. no. 3:144-145 '87.

682.4(471.845)—Kirov Province

- Aleksandrov, F. A. - Highly productive Burdakov pine race in Kirov Province. Trudy Inst. ekol. rast. i shivotn. no. 54:233-234 '87.

682.4(471.8)—Ural regions

- Mamov, S. A. - Variability of pine seed germination in relation to temperature balance. Trudy Inst. ekol. rast. i shivotn. no. 54:27-300 '87.
- Petrova, R. I. - Study of *Martianus* varieties in the Central Ural. Trudy Inst. ekol. rast. i shivotn. no. 54:253-257 '87.

682.4(471.85)—Bashkir A. S. S. R.

- Baikov, G. K., Murysheva, N. M. - Dog rose in the alpine region of the Bashkir A. S. S. R. Trudy Inst. ekol. rast. i shivotn. no. 54:201-204 '87.
- Khasanov, F. G. - Cultivation of Siberian pine in the forest steppe of the alpine region of Bashkiria. Trudy Inst. ekol. rast. i shivotn. no. 54:228-243 '87.
- Krasnitskaya, O. A., Novikova, L. B. - European globe-flower in Bashkiria under natural conditions and its cultivation. Trudy Inst. ekol. rast. i shivotn. no. 54: 207-210 '87.
- Rizakova, D. K. - Biology of mallow in the forest steppe of Bashkiria. Trudy Inst. ekol. rast. i shivotn. no. 54: 221-224 '87.
- Rogova, R. I. - *Godalia grandiflora* in the Botanical Garden of Bashkiria. Trudy Inst. ekol. rast. i shivotn. no. 54:225-231 '87.

682.4(471.85)—Chelyabinsk Province

- Viba, G. G. - Cultivation of *Populus balsamifera* in Bolotnaya slob. Trudy Inst. ekol. rast. i shivotn. no. 54: 247-250 '87.

682.4(573)—Central Asia

- Akhmedov, U. A., Khaimov, K. K., Chevrinich, S. K. - Study of carboxylate complex in different *Zakryssa* species. Uzb. biol. zhurn. 12 no. 4:40-41 '85.
- Orelskaya, L. I. - Leaf anatomy and anatomy of Central Asia. Uzb. biol. zhurn. 12 no. 4:44 '85.

682.4(58)—West and North Central Africa

- Vasil'ev, B. R. - Leaf anatomy in some arboreal legumes of the African savanna. Bot. zhurn. 53 no. 5:512-520 May '86.

69 ZOOLOGY

69.1 Animal physiology

- Bakhtiyarova, R. P., Ushakov, L. S., Saidkarimov, S. K. - Role of melatonin in the suppression of the autonomic action of ventricular rhythm leaders by excitation of high frequency. Dokl. AN BSSR 123 no. 1:234-237 '85.
- Bekit, I. A. V., Pilyavskiy, A. V., Ruzhanskaya, L. S. - Age changes of regeneration intensity of subcellular fractions in rabbit brain tissues. Zhurn. evol. biokhim. i fiziol. 3 no. 3:204-208 8-0 '87.
- Birukov, D. A. - Some urgent problems of ecologic physiology of nervous activity. Zhurn. evol. biokhim. i fiziol. 3 no. 5:444-453 8-0 '87.
- Bykov, A. L. - Comparative physiological studies of retina electroactivity in vertebrates and invertebrates. Zhurn. evol. biokhim. i fiziol. 3 no. 5:433-443 8-0 '87.
- Chuganov, I. U. D., Orlov, D. B. - Absence of functional relationship between the pineal organ and the change of skin reflection spectrum in *Rana temporaria*. Zool. zhurn. 47 no. 8:1888-1894 Ag '85.
- Grubko, V. A. - Hypophyseal regulation of the function of adrenocortical (gonadotropin releasing hormone) secretory cells. Zhurn. evol. biokhim. i fiziol. 4 no. 5:411-415 8-0 '88.
- Dedinskaya, V. R. - Role of fat deposition in the regulation of metabolism and bird behavior during migration. Zool. zhurn. 47 no. 8:1806-1818 Ag '86.
- Fedina, M. I. - Feeding habits of *Vipera aspid* reardi Christ. Zool. zhurn. 47 no. 8:1837-1840 Ag '86.
- Gavrilov, Z. A. - Reactivity of irradiated animals. Zhurn. nauch. rab. KIME 41:54-55 '87.
- Il'khovskaya, M. I. - Effect of ultrahigh frequency electromagnetic fields on the regulation of the heart rate and respiration in birds. Zhurn. evol. biokhim. i fiziol. 4 no. 5:437-443 8-0 '88.
- Inokubova, A. A., Kuznetsov, L. S. - Sexual dimorphism and possible trophic adaptations in birds of the genus *Carolinia* L. Vest. Mosk. un. Ser. 6: Biol., pochv. 33 no. 3: 23-27 May-June '87.
- Kabashnikov, V. P. - Development of gas exchange level and some vegetative functions in kids in ontogeny. Uzb. biol. zhurn. 11 no. 4:42-43 '86.
- Kazimov, A. M. - Peripheral blood composition on *Oncomyces* from *Waltheria* as main indicator of its quality and rearing conditions. Izv. VNIRO 81:23-24 '87.
- Kasparovich, I. N. - Basal doses of lethal dose to small doses of ACTH, and of those subjected to prednisolone during a two-month period of adaptation to natural alitides (1986-87). Zhurn. nauch. rab. KIME 41:44-46 '87.
- Karavayev, A. L. - Some regularities of the functional evolution of higher centers of the central nervous system. Zhurn. evol. biokhim. i fiziol. 3 no. 5:415-423 8-0 '87.
- Kozharova, M. A. - Changes in the hemoglobin, lipids, and proteins in the blood of dogs following hemorrhages, depending upon the weight and sex of the dogs. Zhurn. nauch. rab. KIME 40:43-44 '86.
- Kopylov, B. M., and others. - Changes in the functional state of the liver in white rats kept under alpine conditions. Zhurn. nauch. rab. KIME 41:36-38 '87.
- Kopylov, B. M., and others. - Effect of the leukocyte mononuclear fraction (LMO) on some indices of the functional state of the liver and adrenal glands in white rats under normal and decreased barometric pressures. Zhurn. nauch. rab. KIME 41:47-48 '87.
- Kozharova, M. A. - Autoradiographic study of leucocytes of the peripheral blood and the bones of nervous inflammation. Dokl. AN BSSR 123 no. 1:233-240 '85.
- Kozharova, P. A., Glazova, T. M., Alkhimskaya, L. O. - Physiological and biochemical characterization of the blood of the penguin *Eudyptes cristatus*. Zhurn. evol. biokhim. i fiziol. 4 no. 5:441-443 8-0 '88.
- Kozlov, P. G. - Comparative physiological studies on cellular mechanisms of the brain nervous processes. Zhurn. evol. biokhim. i fiziol. 3 no. 5:449-458 8-0 '87.
- Krasa, M. M. - Development of evolutionary physiology and embryology biochemistry in the USSR. Evolutionary physiology. Zhurn. evol. biokhim. i fiziol. 3 no. 5:273-303 8-0 '87.
- Kuznetsov, I. U. S. - Physiological effect of some physical stimuli on fish. Izv. VNIRO 81:238-240 '87.
- Lashinova, G. V., Mambetbekov, K. M. - Possibility of "washing of external media" in the development of a health. Dokl. AN BSSR 123 no. 1:249-253 '85.
- Lebedev, L. G. - Chemical properties and effects of hormones in phyto- and zooplankton of vertebrates. Zhurn. evol. biokhim. i fiziol. 3 no. 5:441-471 8-0 '87.
- Lyskova, S. K., Chikhrinova, G. I., Ushakov, G. A. - Electrophoretic migration of carboxylate tissue of various tissues in the developing chick embryo. Vest. LGU no. 12:94-107 '85.
- Makitskiy, V. A. - Electrical activity in the nervous cells of basal ganglia of the mollusc *Planorbis* *corneus*. Zhurn. evol. biokhim. i fiziol. 4 no. 5:453-455 8-0 '88.
- Makitskiy, V. A., Shabatova, N. A. - Effect of various doses of stimulants and and 10-10 on the growth of swimming plants. Bot. zhurn. Arm. 31 no. 5:45-56 May '85.

- Moskalev, V. V., Khakov, L. A., Umanov, A. A. - Study of mortality causes of young perch by modeling method. Vop. khim. 6 no. 5:531-534 '86.

- Mil'shtein, G. I. - Comparative effect of psychomotoric on some forms of behavior of mice, rats, and dogs. Zhurn. evol. biokhim. i fiziol. 4 no. 5:443-448 8-0 '88.
- Plutskova, O. A., Soskin, V. F. - Physiological stress in males during reproduction based on *Melospiza oregonia* and *Chalcid* *sibirica*. Zool. zhurn. 47 no. 8:1817-1821 Ag '86.

- Ramazanov, P. P., Shvachkin, I. A. - Submicroscopic patterns of reactive changes in the frog heart nucleus during regeneration. Tsihologiya 10 no. 19:1234-1247 O '86.

- Shoroborishak, M. F., Mina, M. A. - Distribution of acetylcholine receptors in fast muscle fibers of the lamprey *Lamprologus* *darvillii*. Zhurn. evol. biokhim. i fiziol. 4 no. 5:430-434 8-0 '88.

- Voskresenskaya, A. K. - Progress in Soviet studies on neurophysiology of invertebrates. Zhurn. evol. biokhim. i fiziol. 3 no. 5:433-438 8-0 '87.

- Khakov, E. K. - Data obtained in the study of the tonic function of skeletal muscles. Zhurn. evol. biokhim. i fiziol. 3 no. 5:473-481 8-0 '87.

69.1.3 Embryology

- Danilova, L. V., Nodilskaya, K. D., Rodriguez, A. V. - Nature of cytoplasmic granules of the allantoic epithelium of chick embryo. Dokl. AN BSSR 123 no. 5:413-418 '85.
- Yaroslav, B. V. - Duration of stages and phases of embryonic development in *Neotoma* *herring*. Izv. VNIRO 81:244-244 '87.
- Vorobeyeva, V. I. - Effect of histone on ribosomal RNA and protein synthesis in sea urchin embryo at different stages of its development. Tsihologiya 10 no. 19:1243-1257 O '86.

69.1.4 Anatomy

- Bromskaya, A. A., Plutskova, O. A. - Ultrastructural organization of the olfactory organ in the field vole *Microtus* *montanus*. Zhurn. evol. biokhim. i fiziol. 4 no. 5:449-454 8-0 '88.
- Kozharova, T. K. - Morphological structure of the ashle is important as an index of adaptability. Uzb. biol. zhurn. 13 no. 4:58 '86.
- Melikhovskaya, A. B. - Corticosterone projections of the cat cerebellum. Dokl. AN BSSR 123 no. 4:300-303 '86.
- Pigareva, S. D., Savik, E. V. - Localization of dehydrogenases in rabbit cerebellum during postnatal development. Zhurn. evol. biokhim. i fiziol. 4 no. 5:459-463 8-0 '88.
- Rachkov, A. G. - Comparative anatomy of the pancreas in the mammalian class preliminary report. Zhurn. nauch. rab. KIME 40:107-111 '86.
- Reider, R. M. - Distribution of osteoblasts in rabbit tissues. Zhurn. evol. biokhim. i fiziol. 4 no. 5:404-410 8-0 '88.
- Sokolov, V. V. - Blood supply to atrioventricular valves of the heart in *Phoca* *caerulea*. Zool. zhurn. 47 no. 8:1823-1828 Ag '86.
- Yakov, L. A., Chavagin, V. N. - Surgical anatomy of the coronary vessels of the heart in dogs. Trudy Kazansk. inst. khim. i step. khim. 13:150-155 '87.

69.1.5 Ecology

- Alekperov, F. P., Borikova, L. P. - Some characteristics of the ecology of the water vole, and its role in Lork District, a natural forest of *Lepidoptera*. Trudy Azerb. nauch. inst. med. med. par. i trop. med. 3:348-353 '86.
- Aleksandrov, M. M., Kuznetsov, V. I. - Study of the ecology of migratory fishes of the Lena River during fall and winter seasons. Vest. Mosk. un. Ser. 6: Biol., pochv. 33 no. 3:18-23 May-June '87.
- Artyushin, K. V. - Ecological zoogeographic and ecological characteristics of myrmecophilous and ant populations of the Russian Plain. Zool. zhurn. 47 no. 8:1154-1158 Ag '86.
- Baigrov, G. A. - Materials on ecology of bloodsucking mosquitoes (as components of the bloodsucking insect population) in the Kara-Arka Lowland of Azerbaijan. Trudy Azerb. nauch. inst. med. med. par. i trop. med. 3:354-363 '86.
- Benetskaya, A. I. - Experiences in the study of natural behavior in animals. Vop. psichol. 14 no. 3:134-147 May-June '86.
- Knizhnikov, M. E. - Contact of animals and ant in the brain during hibernation. Biol. zhurn. i med. 60 no. 19:44-48 O '86.
- Krasov, A. I. A. - Subspecies of *Asophaea* *maculipennis* *Meig.* in the subarctic valley of the southern slope of the Great Caucasus (in the boundaries of Azerbaijan). Trudy Azerb. nauch. inst. med. med. par. i trop. med. 3:364-377 '86.
- Krasovskaya, T. M. - Production of *Melospiza* *rectirostris* *Lepid.* in isolated bodies of water. Dokl. AN BSSR 123 no. 5:454-457 '85.
- Krasov, L. T., and others. - Sanitation of *Dendrobaia* *pauci* (*Lepidoptera*, *Lasiocampidae*) population resulting from chemical treatment. Zool. zhurn. 47 no. 8:1823-1828 Ag '86.
- Leonov, M. M. - Characteristics of ground mollusks in habitats of *Phanerozoa* *optima* *Licht.* Zool. zhurn. 47 no. 8:1823-1828 Ag '86.
- Maryamovskaya, V. I., Kuznetsov, V. F., Litvinova, A. M. - Effect of food quality on the development and physiological state of *Barthia* *brevipes* *L.* *Orthoptera*. Vest. AN BSSR, Ser. biol. med. no. 4:81-84 '86.
- Molodtsova, R. B. - Some hematological indices following experimental hyperthermia in animals of different ages living under alpine conditions. Zhurn. nauch. rab. KIME 40:44-48 '86.

- 001.8 (Continued)
- Osepyov, V. G. - Vertical distribution of *Neothorax* and other *Parathorax* species. Zool. zhurn. 47 no. 8:1189-1197 Ag '68.
- Prizhenko, S. G. - Evaluation of sable stock in the U.S.S.R. by trail count method in 1964. Zool. zhurn. 47 no. 8:1184-1185 Ag '68.
- Saidakh, A. A., Volkovskaya, M. I., Ustakova, E. P. - Effect of acid swamp waters on basic biological characteristics of some *Cladocera*. Zool. zhurn. 47 no. 8:1181-1184 Ag '68.
- Somov, A. D. - Trends in the study of adaptive evolution of the arthropods. Zhurn. evol. biokhim. i fiziol. 3 no. 3:433-438 B-O '67.
- Sorokov, P. K. - Microclimate and zooclimate in the ecology of vertebrates. Vest. LGU no. 3:33-44 M '68.
- Trofimov, G. K. - Fauna of synanthropic flies of the genus *Dasyphora* R.D. (Muscidae family) in Azerbaijan. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:123-128 '65.
- Trofimov, G. K. - Materials on the fauna, ecology, and epidemiological significance of greenbottle flies (*Lucilia*, *Calliphoridae*) in Azerbaijan. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:107-101 '65.
- 001.9 (201)—Atlantic Ocean
- Osepyov, L. M. - Composition and distribution of zooplankton in the equatorial part of the Atlantic Ocean in spring of 1963. Trudy AN SSSR no. 10:187-193 '67.
- 001.9 (202)—Pacific Ocean
- Kotlar, L. K. - Zooplankton distribution in the northern part of the Sea of Okhotsk in August of 1964. Izv. TINRO 61:41-51 '67.
- 001.9 (470, 24)—Azerbaijan S.S.R.
- Tygi-Kade, T. A., and others. - Natural foci of leishmaniasis in the Lankaran physiogeographical area. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:233-236 '65.
- 001.9 Economic zoology
- Karabekov, R. A. - Biology of *Mermithidae* (Nematode) abdominal parasites of invertebrates. Zool. zhurn. 47 no. 8:1143-1150 Ag '68.
- 001.9 (471, 21)—Murmansk Province
- Bogdanov, N. A. - Parasites of *Salmo salar*, L., *Osmerus mordax* L., and *Osmerus mordax* *gorbuscha* W. in fish farms of the Arctic Circle. Izv. Gos. MURM. 63:173-186 '67.
- 001.9 Animal biology
- Chibrikova, M. I. - Microvascularization of the pancreas under normal conditions and following regeneration. Sobr. AN Gruz. SSR, 81 no. 1:243-245 JI '68.
- Makalova, L. V. - Study of the mitotic cycle and diurnal fluctuations of the proliferative activity in the exocrine epithelium of mouse pancreas. Tsitologia 10 no. 10:1448-1476 O '68.
- Pollakova, G. G., Tsyplygina, B. I. - Comparison of the diurnal rhythm of the mitotic activity and reactions of mitoses to electric current in mice of C57 Br and C3H W lines. Vest. LGU no. 3:121-124 M '68.
- 001.9 Zoogeography
- Arnoft, K. V. - Zonal zoogeographic and ecologic characteristics of myrmecofauna and ant populations of the Russian Plate. Zool. zhurn. 47 no. 8:1186-1178 Ag '68.
- Baltanova, R. A. - Significance of some species of various bees, and the *Oxytrichus* ticks in supporting the food of tick-borne *apicomplexans* in Azerbaijan. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:247-248 '65.
- Baranovskaya, L. A., Khak, M. M. - *Chilopoda* *obsoletus* sp. n. (Arachnida: Therapsida, 1937), a nematode of grain crops. Zool. zhurn. 47 no. 8:1237-1238 Ag '68.
- Bogdanov, N. A. - Insectoid properties of Aspidi of Soviet production in relation to insects found in human environments. Trudy TINRO no. 18 pt. 3:31-33 '67.
- Borodina, A. L. - Damage of fir trees by insects depending on the age in cutting areas. Sbor. rab. MLTI no. 15:107-110 '67.
- Borodina, A. L. - Resistance of the spruce to damage by insects under conditions of concentrated cutting. Sbor. rab. MLTI no. 15:113-121 '67.
- Briskman, L. I., and others. - Study of virulence of entomopathogenic sporogenous microorganisms in relation to the red house ant (*Monomorium pharaonis* L.). Trudy TINRO no. 18 pt. 3:70-77 '67.
- Cheravatskaya, A. B. - Biology of *Hymenoptera* *parvulus* Th. Sbor. rab. MLTI no. 15:46-51 '67.
- Chibrikova, L. A., Petrova, M. A. - Entomological lines of chromosome polymorphism in the natural populations of blackflies. Tsitologia 10 no. 10:1345-1356 O '68.
- Gerasimov, M. V., Mordukhai, S. S. - Malinological study of the sower weevils of *Balan* canalization. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:72-74 '65.
- Gerasimov, M. V., Mordukhai, S. S., Kharlamova, V. A. - Distribution of helminth eggs in the bottom sediments of water areas of the Baku Bay. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:69-71 '65.
- Gokova, M. A. - Alimentary specialization of test caterpillars. Sbor. rab. MLTI no. 15:48-48 '67.
- Gorlanova, T. M. - Bark beetles of the *Nordmann* fir. Sbor. rab. MLTI no. 15:44-51 '67.
- Gorlanova, T. M. - *Betula* *betula* *Sobell*, the destroyer of *Nordmann* fir timber. Sbor. rab. MLTI no. 15:42-48 '67.
- Osepyov, G. A., Izrael'skiy, M. I. - Use of the petroleum growth substance ("NRPV") in control of *Ancylostoma* larvae in the soil. Report No. 2. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:43-48 '65.
- Osepyov, G. A., Tulev, S. M., Kikley, M. Dek. - Use of the petroleum growth substance ("NRPV") and the "green oil" in control of *Ancylostoma* larvae in the soil. Report No. 1. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:40-43 '65.
- Il'ina, S. B. - Determinative table of species of *Hymenoptera* parasites of the gypsy moth. Sbor. rab. MLTI no. 15:17-24 '67.
- Izrael'skiy, M. I. - Disturbance of the temperature balance as one of the reasons for desiccation of oaks in the foot of leaf eating parts. Sbor. rab. MLTI no. 15:13-15 '67.
- Instructions and methodical indices in the control of bollworms. Trudy TINRO no. 18 pt. 3:101-106 '67.
- Kisevich, S. B. - Developmental characteristics of the pine moth in different types of forests. Sbor. rab. MLTI no. 15:48-58 '67.
- Korshakov, B. B., Tselin, V. M. - Toxicity of insecticidal resin to bees and ticks. Trudy TINRO no. 18 pt. 3:23-28 '67.
- Koshchikova, M. A. - Biology of *Mermithidae* (Nematodes), abdominal parasites of invertebrates. Zool. zhurn. 47 no. 8:1143-1150 Ag '68.
- Korshakov, B. B., and others. - Sanitation of *Deodroctonus* pine (*Leptodermis*, *Leptodermis*) population resulting from chemical treatment. Zool. zhurn. 47 no. 8:1233-1235 Ag '68.
- Larionova, V. D., and others. - Practical use of malikins and their ovicidal characteristics in a mixture with some compounds. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:47-47 '65.
- Lov, G. A. - Ecological differences in some species of the chalcidograph beetle. Sbor. rab. MLTI no. 15:100-106 '67.
- Lov, G. A. - Phenology and settlement conditions of bark beetles the parts of the Norway spruce in the southern suburbs of the Ural. Sbor. rab. MLTI no. 15:111-123 '67.
- Makarov, N. A. - Fertility of the large pine weevil. Sbor. rab. MLTI no. 15:111-123 '67.
- Makarov, N. A., G. G. - Decrease of insect populations under the influence of larva parasites. Sbor. rab. MLTI no. 15:124-126 '67.
- Makarov, S. I. - Two new species of *Phaenocarpa* Rott. (Coleoptera, Scarabaeidae). Zool. zhurn. 47 no. 8:1247-1251 Ag '68.
- Martynovskaya, V. I., Shcherbakov, V. F., Litvinova, A. M. - Effect of food quality on the development and physiological state of *Bathyrhynchus* L. caterpillars. Vest. AN BSSR, Ser. Biol. nauch. no. 4:80-94 '68.
- Milashin, A. K. - Biology of the small poplar borer. Trudy KazMILKII 5:333-334 '67.
- Minkov, V. A. - Some characteristics of the biology of the large poplar willow borer in different parts of its territory. Trudy KazMILKII 5:338-331 '67.
- Minkov, V. A. - Compensatory effect of octachlorodipropyl ether and some insecticides of various groups of chemical compounds on the host effect of *Mesochorus* *mesochorus*. Trudy TINRO no. 18 pt. 3:84-85 '67.
- Minkov, V. A., and others. - Effect of some insecticides and their mixture with octachlorodipropyl ether in the form of aerosol on the host effect of *Mesochorus* *mesochorus*. Trudy TINRO no. 18 pt. 3:88-84 '67.
- Mosolovskaya, E. G., Todor, I. - Effect of *Mesochorus* *mesochorus* on the condition and instrument of plantings. Sbor. rab. MLTI no. 15:114-117 '67.
- Mukhinov, I. G. - Role of poultry in the distribution of the oomycetes of *Trematocystis*. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:67-61 '65.
- Mosolovskaya, E. G., Todor, I. - Effect of *Mesochorus* *mesochorus* on the condition and instrument of plantings. Sbor. rab. MLTI no. 15:114-117 '67.
- Mukhinov, I. G. - Role of poultry in the distribution of the oomycetes of *Trematocystis*. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:67-61 '65.
- Mosolovskaya, E. G., Todor, I. - Effect of *Mesochorus* *mesochorus* on the condition and instrument of plantings. Sbor. rab. MLTI no. 15:114-117 '67.
- Mukhinov, I. G. - Role of poultry in the distribution of the oomycetes of *Trematocystis*. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:67-61 '65.
- Mosolovskaya, E. G., Todor, I. - Effect of *Mesochorus* *mesochorus* on the condition and instrument of plantings. Sbor. rab. MLTI no. 15:114-117 '67.
- Mukhinov, I. G. - Role of poultry in the distribution of the oomycetes of *Trematocystis*. Trudy Azerb. nauch. -issl. inst. med. paraz. i trop. med. 5:67-61 '65.
- Mosolovskaya, E. G., Todor, I. - Effect of *Mesochorus* *mesochorus* on the condition and instrument of plantings. Sbor. rab. MLTI no. 15:114-117 '67.
- Mukhinov, I. G. -

505(478, 34) (Continued)

Trofimov, G. K. - *Myriophallid* on the fauna, ecology, and epidemiological significance of greenback flies (*Lucilia, Calliphoridae*) in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 6:187-191 '68.

Trofimov, G. K., Bagal'yarch, L. S. - *Study of synanthropic flies in Baku for human intestinal protection*. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 6:186-188 '68.

505(51) - China

Petrova, A. D., Tashkova, K. K. - *Gammarid mites (Parasitiformes, Gamasoidea) from southern China*. *Report. No. 2. Zool. zhur.* 47 no. 6:1179-1181 Ag '68.

505(774) - Kazakhstan

Agapova, A. L., Tashkova, K. K. - *Helminths of cattle and milk in the southern Pamirs*. *Izv. AN Kazakh. SSR. Ser. Biol.* 6 no. 5:37-43 5-O '68.

Gorodkov, K. V., Makshukova, A. P. - *New cestode species (Cestoda, Hymenolepididae) from Phoenixopterus rosaeus Pall.* *Izv. AN Kazakh. SSR. Ser. Biol.* 6 no. 5:30-37 5-O '68.

Valosin, I. U. A. - *Biology of ascarids and the harmlessness of the great pine weevil (Hylobius abietis L.) to the pine forests of the Kazakh steppe*. *Trudy Kazakh. SSR. Ser. Biol.* 6 no. 5:30-37 5-O '68.

505(775) - Central Asia

Mukhammedov, A. A. - *New data on plant lice of Central Asia*. *Uzb. biol. zhur.* 13 no. 4:46-47 '68.

505(776, 3) - Turkmenistan

Mikheyev, V. A. - *New species of robber flies (Diptera, Asilidae) from Turkmenistan*. *Zool. zhur.* 47 no. 5:1283-1284 Ag '68.

506 Vertebrates

Dzhafarzade, B. A. - *Significance of some species of vertebrates, and the ornithological data in supporting the food of tick-borne spirochetosis in Azerbaijan*. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 6:147-149 '68.

507 Fishes

Dekker, V. E., Benedicelli, O. D. - *Luminous anchovies of the genus *Engraulis* (Engraulidae) in the Pacific and Indian Oceans*. *Vop. ikht.* 8 no. 5:579-783 '68.

Bel'gor, I. N. - *Behavior and dispersion of pilchard (Scophthalmus maximus L.) embryos hatched in deep water*. *Vop. ikht.* 8 no. 5:603-606 '68.

Berezina, D. I. A. - *Calculation of coefficients of relationship between the annual water temperature in spawning grounds and spawning time of some herring subspecies of the Pacific and Atlantic Oceans*. *Trudy Akad. Nauk SSSR. Ser. Biol.* 6 no. 5:313-318 '68.

Bagdanov, G. A. - *Generation yield factors in some vertebrates*. *Vop. ikht.* 8 no. 5:553-558 '68.

Chubuk, V. A. - *Hypophysial regulation of the function of adrenocortical (cortex) in marine teleost *Scorpaenopsis**. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:411-418 5-O '68.

Yakovlev, G. V. - *Effect of C¹⁴ on larvae hatched from eggs of *Coregonus pinnatus* (Gmel.)*. *Vest. LGU no. 21* 45-46 5-O '68.

Mal'kov, V. M. - *Scale structure differences in some *Oncorhynchus gorbuscha* populations*. *Izv. TINRO* 61:338-339 '67.

Kuznetsov, I. U. A. - *Physiological effect of some physical stimuli on fish*. *Izv. TINRO* 61:333-340 '67.

Lisnitskiy, V. V., Ostrov, K. P. - *Morphological analysis of various groups of *Amur Black Sea* and Atlantic hake (*Urophycis surinensis* L.) with different ecological blood composition*. *Vop. ikht.* 8 no. 5:793-804 '68.

Bel'gor, I. N. - *Case of anovulatory hatching shark*. *Vop. ikht.* 8 no. 5:449 '68.

Novikov, M. P. - *Tagging *Anoplopoma fimbria* Pall. in the Bering Sea and the Pacific coastal area of Kamchatka*. *Vop. ikht.* 8 no. 5:853-857 '68.

Oshkov, V. G. - *Vertical distribution of *Neolithinus* *albescens* and *Parathorus obscurus**. *Zool. zhur.* 47 no. 5:1293-1297 Ag '68.

Bel'gor, I. N. - *Some data on *Coregonus autumnalis* Pall. as an indicator of some aspects of its biology*. *Vop. ikht.* 8 no. 5:830-836 '68.

Mikhailov, A. A. - *Effect of cobalt chloride on physiological indices of rainbow trout (*Salmo irideus* Gmel.)*. *Vop. ikht.* 8 no. 5:831-838 '68.

Shchegolevskiy, M. P., Riza, M. A. - *Distribution of acetylcholine receptors in fish muscle (fish of the *Salmo* *labrax* *labrax* L.)*. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:436-438 5-O '68.

Bel'gor, I. N. - *Physiology of granular leucocytes of the fish blood*. *Vop. ikht.* 8 no. 5:839-845 '68.

507(261) - Atlantic Ocean

Tymer, I. A. - *Preliminary data on the occupation and distribution of some fishes in the southwestern Atlantic*. *Vop. ikht.* 8 no. 5:803-814 '68.

Zharov, V. L., Zhukova, A. M. - *Some data on the occurrence of larvae of scorpionfish (order *Scorpaeniformes*, suborder *Scorpaenoidae*) in the open part of the tropical Atlantic*. *Trudy Akad. Nauk SSSR. Ser. Biol.* 6 no. 5:351-354 '67.

507(262) - Pacific Ocean

Cherny, E. I. - *Geographical conditions of the formation of commercial concentrations of *Engraulis mordax* (Engraulidae) in the Gulf of Tehuantepec*. *Izv. TINRO* 61: 11-19 '67.

Isakov, V. M. - *Causes and nature of structural changes in *Oncorhynchus gorbuscha* Walbaum population of the southern Kamchatka Islands region during spawning migration*. *Izv. TINRO* 61:333-342 '67.

Kozlov, L. S. - *Determining the age of *Anoplopoma* *fimbria**. *Izv. TINRO* 61:333-342 '67.

Kozlov, O. P. - *Nature of egg maturity and fecundity of Pacific mackerel (*Scomber japonicus*)*. *Izv. TINRO* 61: 331-334 '67.

Kozlov, O. P. - *Delimitation of local *Oncorhynchus* *gorbuscha* populations*. *Izv. TINRO* 61:333-342 '67.

Kozlov, V. L. - *Age and growth of *Oncorhynchus* *gorbuscha* in the Sea of Okhotsk*. *Izv. TINRO* 61:333-342 '67.

Martinez, M. P. - *Materials on feeding habits of squirrel in the East China Sea*. *Izv. TINRO* 61:333-342 '67.

Prakhov, V. O. - *Seasonal cycles in the biology of polychaete worms in the western part of the Bering Sea*. *Izv. TINRO* 61:333-342 '67.

Prakhov, V. O. - *Types of spawning grounds of Pacific herring*. *Izv. TINRO* 61:333-342 '67.

Isakov, V. M., Kozlov, M. I. - *Marking young Pacific mackerel with vital staining*. *Izv. TINRO* 61:333-342 '67.

507(263) - Arctic Ocean

Shchegolevskiy, M. I., Sovchikov, K. F., Isakov, V. A. - *Some results of the electrophoretic study of proteins and lipoproteins in the blood serum of *Clupea pallasii* and *Clupea* *arctica**. *Vest. Mosk. un. Ser. Biol., pochr.* 23 no. 3:1-11 My-Je '67.

507(470) - European U.S.S.R.

Kozlov, L. S., and others. - *Palaeolimnology in fishes of Rybinsk Reservoir*. *Trudy DOK no. 5:176-186 '68.*

507(471, 10) - Volga Province

Kozlov, M. I. - *Population size of *Abramis* *ballerus* (L.) in the Volga river of Rybinsk Reservoir*. *Vop. ikht.* 8 no. 5:858-861 '68.

507(471, 31) - Murmansk Province

Bagdanov, G. A. - *Parasites of *Salmo* *alar*, L., *Oncorhynchus* *gorbuscha* W., and *Oncorhynchus* *gorbuscha* W. in fish larvae of the Arctic Circle*. *Izv. Gos. NIKHEF* 61:173-177 '67.

507(471, 33) - Perm Province

Bel'gor, I. N. - *Planes of *Amur* *salmo*, *Salmo* *petrosus**. *Trudy DOK no. 5:184-186 '68.*

507(471) - Ukrainian S.S.R.

Shchegolevskiy, M. I. - *Morphological and biological characteristics of *Leuciscus* *leuciscus* (L.) from the lower Southern Bug River*. *Vop. ikht.* 8 no. 5:447-457 '68.

507(471, 34) - Azerbaijan S.S.R.

Bagdanov, G. A. - *Observations on *Amur* *salmo* in some areas of Azerbaijan*. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 6:303-305 '68.

507(471) - Adzharia U.S.S.R.

Tymer, I. A., Mogil'nikov, V. A. - *Fishing by the *Amur* *salmo* in the lower Irtys River Valley in the Iron Age*. *Sov. arkeol.* no. 3:44-51 '68.

507(471, 35) - Yalov S.S.R.

Atakutayev, M. M., Kuznetsov, V. V. - *Study of the biology of migratory fishes of the *Amur* *salmo* during fall and winter seasons*. *Vest. Mosk. un. Ser. Biol., pochr.* 23 no. 3:12-23 My-Je '67.

507(471, 36) - Khabarovsk Territory

Bagdanov, G. A. - *Feeding habits and growth of *Thymallus* *arcticus* and *Thymallus* *leucurus* in waters of Okhotsk and Koryok basins*. *Izv. TINRO* 61:333-342 '67.

Podolskiy, M. V. - *Characteristics of feeding habits of *Amur* *salmo* in the Amur delta*. *Izv. TINRO* 61:333-342 '67.

Podolskiy, M. V. - *Distribution and biology of *Coregonus* *albescens* in the Amur delta*. *Izv. TINRO* 61:333-342 '67.

Podolskiy, M. V. - *Observations on young *Oncorhynchus* *gorbuscha* Walbaum migration in the Uda River*. *Izv. TINRO* 61:333-342 '67.

Isakov, V. M. - *Structure of biological groups of *Oncorhynchus* *gorbuscha* in the Amur River*. *Izv. TINRO* 61: 103-113 '67.

507(471, 37) - Maritime Territory

Kozlov, M. P. - *Characteristics of feeding habits of fishes in Lake Krasnaya and adjacent waters*. *Izv. TINRO* 61:333-342 '67.

507(471, 38) - Kamchatka Province

Cherny, E. I. - *Characteristics of seasonal and migratory *Oncorhynchus* *gorbuscha* (Walbaum) from Lake Dal'naya (Kamchatka)*. *Vop. ikht.* 8 no. 5:834-841 '68.

507(471) - Central Asia

Bel'gor, I. N. - *Morphology of *Pseudocoryphopterus* *hastatus* (Berg.) of the Amu Darya River*. *Vop. ikht.* 8 no. 5:847-851 '68.

507.8 Amphibians

Chuganov, I. I., Orlov, D. S. - *Absence of functional relationship between the pleural organ and the dorsal skin reflection spectrum in *Rana* *temporaria**. *Zool. zhur.* 47 no. 5:1193-1194 Ag '68.

Ivanova, L. V., Gabaeva, M. S. - *Antibiotic properties of water extraction from the ovary of *Rana* *temporaria**. *Vest. LGU no. 31:21-23 5-O '68.*

508.1 Reptiles

Alukhina, M. I., Kuznetsov, B. K. - *Microscopical study of thyroid gland in *Crotalus* *viridis* and *Urotaenia* *caerulea**. *Sov. nauch. rab. KOMI* 42:53-54 '67.

Brashears, A. A., Plachina, G. A. - *Ultrastructural organization of the olfactory organ in the field vole *Microtus* *agrestis**. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:449-456 5-O '68.

Podolskiy, M. V. - *Feeding habits of *Viper* *ursini* *reptans**. *Zool. zhur.* 47 no. 5:1197-1198 Ag '68.

508.2 Birds

Bel'gor, I. N. - *Causes for the extinction of some representatives of raptors in the past and present*. *Obshch. vop. evol. paleontol.* no. 3:36-41 5-O '68.

Bel'gor, I. N. - *Role of fat deposition in the regulation of metabolism and bird behavior during migration*. *Zool. zhur.* 47 no. 5:1255-1256 Ag '68.

Bel'gor, I. N., Stepanova, L. S. - *Sexual dimorphism and possible trophic adaptations in birds of the genus *Certhia* L.*. *Vest. Mosk. un. Ser. Biol., pochr.* 23 no. 3:1-11 My-Je '67.

Kozlov, M. P., Gerasimov, T. M., Alukhina, M. I. - *Physiological and biochemical characteristics of the blood of the mountain *Edaphus* *eristalis**. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:451-453 5-O '68.

Ovchinnikova, M. P. - *Materials on the physiology of nesting birds*. *Vest. LGU no. 31:20-27 5-O '68.*

508.3 (471, 23) - Leningrad Province

Bel'gor, I. N. - *Characteristics of spring and fall migration of some birds in the Staraya Pskov region*. *Vest. LGU no. 31:28-31 5-O '68.*

508.3 (471, 31) - Kaliningrad S.S.R.

Bel'gor, I. N. - *Winter feeding habits of birds in the Kaliningrad S.S.R. A brief report*. *Vest. Mosk. un. Ser. Biol., pochr.* 23 no. 3:12-23 My-Je '67.

508.3 (471, 32) - Uzbek S.S.R.

Bel'gor, I. N. - *Biology and population dynamics of *Amur* *salmo**. *Uzb. biol. zhur.* 13 no. 4:36-38 '68.

509 Mammals

Alukhina, M. I., Kuznetsov, B. K. - *Microscopical study of thyroid gland in *Citellus* *fridayi* and *Microtus* *caeruleus**. *Sov. nauch. rab. KOMI* 42:53-54 '67.

Alukhina, M. I., Kuznetsov, B. K. - *Some characteristics of the ecology of the water vole, and its role in Lake District, a natural focus of leptospirosis*. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 6:303-305 '68.

Alukhina, M. I., Lebedev, D. M., Bel'gor, I. N. - *Study of the resorption of substances from silica-containing preparations*. *Report No. 11. Resorption of silica pigments of radiophosphorus (P-32) from emulsion silica-containing preparations*. *Sov. nauch. rab. TSAMU* 5:15-21 '64.

Bel'gor, I. N. - *Effect of narcotic compounds on the course and fatal termination of intoxication by arsenite in mice of a different age groups*. *Vest. LGU* 31 no. 4:173-174 5-O '68.

Kozlov, M. P., Kuznetsov, B. K., Kozlov, M. V. - *Experiments on the simultaneous destruction of gastric parasites and their oocysts by means of acetonol of the colony*. *Trudy TINRO* no. 18 pt. 3:10-16 '67.

Kozlov, M. V. - *Characteristics of ground moisture in habitats of *Rhombomys* *opimus* *Licht.**. *Zool. zhur.* 47 no. 5:1233-1234 Ag '68.

Podolskiy, M. V., Savitskiy, E. V. - *Localization of dehydrogenase in rabbit erythrocytes during postnatal development*. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:456-459 5-O '68.

Podolskiy, M. V. - *Reaction of gray rats on the contrast spots of different color*. *Trudy TINRO* no. 18 pt. 3:10-16 '67.

Podolskiy, M. V. - *Evaluation of rabbit stock in the U.S.S.R. by trail count method in 1964*. *Zool. zhur.* 47 no. 5:1235-1237 Ag '68.

Podolskiy, M. V. - *Distribution of osteochondromes in rabbit tissues in ontogenesis*. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:464-466 5-O '68.

Podolskiy, M. V. - *Some changes in colored urine forms during different seasons*. *Uzb. biol. zhur.* 13 no. 4:32 '68.

509(361, 8) - Caspian Sea

Kozlov, V. V. - *Blood supply to striated myocardial tissue of the heart in *Phoca* *caspiensis* *Gün.**. *Zool. zhur.* 47 no. 5:1233-1235 Ag '68.

509(471, 13) - Volga Province

Kozlov, M. I. - *Spitaval and marine population changes in the Darvaz Reservoir*. *Trudy DOK no. 5:128-134 '68.*

Kozlov, M. I., Kozlov, M. A., Podolskiy, M. V. - *State and development of young pine forests damaged by moose*. *Trudy DOK no. 5:147-150 '68.*

800(470, 34)—Azerbaijan S. S. R.
Aliev, M. M., and others. - Parasites of the blood in the rodents of Azerbaijan. Trudy Azerb. nauch.-issled. inst. med. parasit. trop. med. 5:300-311 '66.

800(519, 3)—Mongolian People's Republic
Lishnets, R. F. - Larva of *Lagurus latens* Krasovskii in the southwestern foothills of the Khangai Mountains. Zool. zhurn. 47 no. 8:1263-1266 Ag '68.

800(575, 175)—Kara-Kalpak A. S. S. R.
Pavlovskiy, M. - Valpae valpae korogae and Putorius evermanni population dynamics on the Ustyurt as related to the rodent population density. Uzb. biol. zhurn. 13 no. 4:409-41 '68.

6. APPLIED SCIENCES. MEDICINE. TECHNOLOGY

60 History of industrial technology

608 Inventions. Patentable discoveries. Trademarks
Creative thinking. Prom. Arm. 10 no. 10:74-76 '68.
Invention on the procedure of concentration and payment of remuneration to inventors for their inventions realized abroad according to licensing agreements. Vop. izobr. no. 11:60-61 M '68.
[Inventions, industrial designs, trademarks] Izobr.; prom. obrat.; tov. znaki. 46 no. 34:88 '68.
Lifshits, B. G., Bessonov, M. V. - Opportunities for creating and implementing inventions should be more fully utilized. Vop. izobr. no. 11:3-7 M '68.
New inventions. Stroitel'stvo, mash. 13 no. 10:34 O '68.
Palk, L. G. - On preparatory work for certification. Stank. i mash. 33 no. 10:48-49 O '68.
Ratnyy tsen' izobreteniya. Trud. i voenn. 38 no. 3:39-38 Mr '68.
Technological creativity of youth. Otkrytiya i sozda. stroit. 13 no. 11:23-25 Ja '68.

608(44)—France
Klister, M. M. - New foreign patents. Tsvetnost 34 no. 8:11 S-O '68.

608(471, 64)—Sverdlovsk Province
Nekrasikhin, M. V., Voronov, V. R., Oshin, L. A. - At the Ural Heavy Machinery Plant today. Vop. izobr. no. 11:21-24 M '68.

608(471)—Ukraine S. S. R.
Bogdanov, I. - Rad tape in the Ukraine. Part. stikn' no. 13:66 JI '68.

608(471, 63)—Lithuanian Province
Belov, I. U. - Experience in reporting inventions at the Lithuanian Academy. Vop. izobr. no. 11:41-43 M '68.

608(473)—United States of America
Polakov, D. M. - Auxiliary indices to patent specifications in the U. S. A. Vop. izobr. no. 11:27-35 '68.

61 MEDICAL SCIENCES. HEALTH AND SAFETY

Andrey, S. V., Cherkashin, A. S., Kosarev, I. I. - Central scientific research laboratories share their experience. Vest. vuz. shkoly 38 no. 10:69-68 O '68.
[Medical abstracts] Med. rel. zhurn. 10 no. 11 M '68. Sect. 3 vol. 13 nos. 10-11 O-D '68. Sect. 3 vol. 13 nos. 11-12 M-D '68. Sect. 4 vol. 13 nos. 10-11 O-D '68. Sect. 5 vol. 13 no. 9 S '68. Sect. 6 vol. 13 no. 8 S '68. Sect. 7 vol. 13 nos. 6-9 Ag-S '68. Sect. 9 vol. 13 nos. 11-12 M-D '68. Sect. 10 vol. 13 no. 9 S '68. Sect. 11 vol. 13 no. 8 S '68. Sect. 12 vol. 13 no. 11-12 M-D '68.
[New foreign books, articles] Bibliy. meditsiny, apri. kature. Nov. knigi na rub. Ser. V Bibliy. med., sel'. knoz. 13 no. 11 M '68.

Vyrskov, I. U., Savell'eva, L. A. - Application of metallic prostheses to nerves. Otkrytiya i sozda. stroit. 11 no. 11:9-8 D '68.

Vyrskov, I. U., Savell'eva, L. A. - Application of metallic prostheses to nerves. Trudy TSU 9:18-8 '68.

61(574)—English S. S. R.
Migmanov, S. M. - Kazakhstanskaya Respublika Institute of Oncology and Radiology. Trudy Kazakh. nauch.-issled. inst. onkol. i radiol. 3:2-5 '67.

611 Anatomy

Koch, I. U. G. - Pathological anatomy of microscystic lung. Arch. pat. 30 no. 10:19-23 '68.

Bychkov, S. M., Nikolaeva, S. S., Kharlamova, V. M. - Relationship between the density and structural-mechanical properties of collagen complex of the alveolar and pulmonary systems. Dokl. AN SSSR 183 no. 6:1496-1499 '68.

Kaliev, U. B. - Pathomorphological changes in internal organs during graduated hypoxia of various degrees and duration. Stank. i mash. 33 no. 10:145-153 '67.

Kariev, I. S., Mamedov, I. G. - Pathomorphological changes in some internal organs during telohemostasis in man and dogs. Trudy Azerb. nauch.-issled. inst. med. parasit. trop. med. 6:183-181 '68.

Korkin, A. A. - Nerves of the anterior surface capsule of the shoulder joint in newborn infants: preliminary report. Stank. i mash. 33 no. 10:177-78 '68.

Korobov, P. A., and others. - Quantitative and qualitative distribution of bone marrow in adult dogs. Kozm. biol. i med. 2 no. 3:11-15 Mr-Apr '68.

Maitreya, T. S. - Morphological data on the wide representation of the pyramidal tract in the human cerebral cortex. Zhurn. nevro. i psikh. 68 no. 11:1869-1875 '68.

Pilipchuk, V. I. - Development of the structural organization of the olfactory analyzer in ontogeny. Biol. zhurn. biol. i med. 65 no. 10:163-166 O '67.

611.13 Embryology

Vlasov, O. K., Volkova, L. S. - Interrelationship between the maternal and fetal organisms. Akush. i gyn. 40 no. 6:17-22 M-D '64.

612 Physiology

Aliev, Sh. A. - Hematological, hemodynamic, cardiac, and biochemical shifts in burn shock caused by boiling water. Stank. i mash. 33 no. 10:113-21 '68.

Aliev, Sh. A. - Hemodynamic, hematological, biochemical and osmotic shifts in burn shock caused by flame. Stank. i mash. 33 no. 10:113-21 '68.

Demurov, O. F. - Muscular response to resistance and the problem of water in plant and animal tissues. Stank. i mash. 33 no. 10:113-21 '68.

Dedek, I. I., Gerasimov, M. R., Ivanov, V. S. - Limits of human tolerance to infrared local irradiation. Kozm. biol. i med. 2 no. 3:73-77 My-Je '68.

Dezhnev, J. J., Dezhnev, V. V. - Possible role of water in the process of neuromuscular stimulation. Stank. i mash. 33 no. 10:113-21 '68.

Fifty years of the Great October Socialist Revolution. Zhurn. evol. biokhim. i fiziol. 3 no. 8:1-14 S-O '67.

Gerasimov, R. I., Gerasimov, D. G. - Effect of immunization on the content of serotonin and stallo acid in the blood serum during development of atherosclerosis. Biol. zhurn. biol. i med. 65 no. 10:163-166 O '67.

Khramov, R. G. - Comparative physiological characteristics of exercise control training of soldiers wearing gas masks under different climatic conditions. Voen.-med. zhurn. no. 11:44-48 M '68.

Koch, I. A., Shukla, A. M. - Study of the disturbance of water metabolism through the pulmonary barrier of animals with the help of mass spectrometry analysis. Stank. i mash. 33 no. 10:113-21 '68.

Maitreya, A. B., Tokhida, L. I., Undaryan, G. M. - Kinetic of the rate of reproduction of brightness relationships. Svetotekhnika 14 no. 11:8-8 M '68.

Makarevich, E. I. - Study of the law of brightness summation of a film cover. Svetotekhnika 14 no. 11:8-8 M '68.

Navitskiy, P. P. - Study of processes in sound analyzer with the help of radio waves. Stank. i mash. 33 no. 10:113-21 '68.

Polishchuk, L. I. - Role of adrenergic in regulation of the effect of hydrocortisone and salicyl on transaminase synthesis in rat's liver. Zhurn. evol. biokhim. i fiziol. 4 no. 8:148-48 S-O '68.

Raisova, M. A., Khochimov, V. P., Vargilev, M. U. - Study of perspective actions as related to the length theory. Vop. psikh. 14 no. 4:14-48 JI-Ag '68.

Shukla, A. M. - Mechanism of water transfer through intestinal walls in animals. Stank. i mash. 33 no. 10:113-21 '68.

Stukalin, L. A., and others. - Microspectroscopic analysis of blood serum proteins in European people living in hot climate and suffering from tropical diseases. Vest. LGU no. 11:123-126 M '68.

Usatov, B. S., and others. - Effect of 8-fluorouracil on the development of immunological response to soluble and complementary antigens. Farm. i toka. 31 no. 6:748-748 M-D '68.

Zabotina, V. I. - Aural plethysmograph recording biopotentials in air. Vest. LGU no. 11:123-126 M '68.

612(573, 3)—Kazakhstan S. S. R.

Platova, L. G., and others. - Seasonal changes in a series of physiological functions in the human organism under the conditions of Kirgizia. Stank. i mash. 33 no. 10:113-21 '68.

612.017 Immunology. Allergy. Anaphylaxis. Toxins

Amirov, O. A. - Toxic and allergic effects of new opiate analgesics under experimental conditions. Stank. i mash. 33 no. 10:113-21 '68.

Belasova, A. P. - Experimental study of the effect of anaphylaxis on the reproduction of progeny. Stank. i mash. 33 no. 10:113-21 '68.

Berdinskikh, M. S., Koslovskiy, P. M. - New antigens in cells infected with influenza virus. Vop. virus. 13 no. 4:411-414 JI-Ag '68.

Baskrovskiy, V. M. - Changes in the cardiovascular system due to anaphylaxis (intoxication). Stank. i mash. 33 no. 10:113-21 '68.

Dreval, R. S., Ponomareva, Y. I. - Complement-fixing antigen of respiratory syncytial virus. Vop. virus. 13 no. 4:411-414 JI-Ag '68.

Golodov, V. P. - Immunization processes in white mice vaccinated against tuberculosis and bronchitis (immunization); preliminary report. Stank. i mash. 33 no. 10:113-21 '68.

Gerasimov, L. P., Koshalova, N. I., Ponomareva, M. I. - Possibility of penetration of fixed rabies virus into the central nervous system of animals in extracerebral inoculation. Vop. virus. 13 no. 4:411-414 JI-Ag '68.

Gerasimov, O. A. - Pathogenesis of anaphylaxis and stimulation of rational therapy of anaphylactic reaction. Stank. i mash. 33 no. 10:113-21 '68.

Ispatova, G. V., and others. - Clinical-epidemiological characteristics of prophylactic action of 3, 1, 3 and 1 ML gamma globulin in foot of mixed measles and influenza infection. Vop. virus. 13 no. 4:411-414 JI-Ag '68.

Kaliev, I. U. B., Alibergenov, E. K. - Effects in radio-sensitization of a tumor by means of autoimmunization. Trudy Kazakh. nauch.-issled. inst. onkol. i radiol. 4:163-165 '67.

Kochubay, T. K. - Comparative study of the immunizing properties of Mycobacterium strain 118 and BCG under experimental conditions. Stank. i mash. 33 no. 10:113-21 '68.

Korobov, I. U. B. - Lethal result due to prolonged action of penicillin. Vrach. delo no. 7:123-125 JI '68.

Kopylov, V. V. - Anaphylactic shock in antibiotic therapy. Vrach. delo no. 7:123-125 JI '68.

Lisachuk, P. M. - Infectious and allergic polyarthritides. Vrach. delo no. 7:123-125 JI '68.

Medved', P. M. - Case of anaphylactic shock following administration of penicillin. Vrach. delo no. 7:123-125 JI '68.

Ostapenko, O. F. - Liver cirrhosis as a result of chronic gram-negative intoxication. Stank. i mash. 33 no. 10:113-21 '68.

Ostapenko, O. F. - Some biochemical shifts in the organism following the effects of the toxic chemical gramoxon. Stank. i mash. 33 no. 10:113-21 '68.

Pogov, I. U. P. - Effect of some toxic factors on the development of experimental pneumococcosis. Stank. i mash. 33 no. 10:113-21 '68.

Romanenko, A. A. - State of natural immunity in neonatal patients. Zhurn. nevro. i psikh. 68 no. 11:1869-1875 '68.

Savitskiy, S. G. - Some material on the problem of raising the resistance of the organism to a posttransfusion shock. Stank. i mash. 33 no. 10:113-21 '68.

Shukla, I. G., Maitreya, V. M., Puzov, R. V. - Significance of the structural integrity of the lymphoid tissue for antibody formation in an in-vitro culture. Tsvetnost 34 no. 8:11 S-O '68.

Tilla, A. U., Fakhimov, S. B., Domidova, V. V. - Course of a shock following transfusion of heterologous blood, depending upon the method of administration of shock blood. Stank. i mash. 33 no. 10:113-21 '68.

Valeriyev, G. P. - Drug allergy. Vrach. delo no. 7:123-125 JI '68.

612.1 Blood and circulation

Abdulkhanov, Sh. M., Khairatov, K. A. - Resistance of skin capillaries and the level of blood electrolytes in the process of oncological radiotherapy. Trudy Kazakh. nauch.-issled. inst. onkol. i radiol. 3:74-79 '67.

Akopyants, V. R. - Venographic data following fractures of the long tubular bones in children. Stank. i mash. 33 no. 10:113-21 '68.

Akopyants, V. R., Viliya, L. A. - Mechanisms of the increase of the venous outflow from skeletal muscles following intravascular introduction of hypertonic solutions. Biol. zhurn. biol. i med. 65 no. 10:163-166 O '67.

Alkassimov, V. M. - Relative isolation of the arterial blood supply of the right and left half of the liver. Khim. zhurn. no. 6:3-5 Ja '64.

Amsharov, O. D. - Functional state of the blood coagulation system in dogs following 22-day flight in the "Kosmos-10" satellite. Kozm. biol. i med. 2 no. 3:128-30 Mr-Apr '68.

Arutunyan, O. R., Korolova, T. A. - Effect of choline on erythrocytes and the number of formed elements in the peripheral rat blood. Vest. Mechnik. nauch. i med. 33 no. 3:38-38 My-Je '67.

Bashanov, B. G., Turenkova, V. R. - Glycemia following adrenalectomy and insulin load under conditions of physical activity. Stank. i mash. 33 no. 10:113-21 '68.

Belikova, T. K. - Effect of ABO-tissue conflict on the frequency and clinical aspects of thrombocytosis. Zhurn. nevro. i psikh. 68 no. 11:1869-1875 '68.

Chaplin, V. V. - Paper chromatography in the study of the amino acid composition of the blood serum in patients with pancreatitis. Khim. zhurn. no. 6:3-5 Ja '64.

Dezob, A. G. - Level of the arterial pressure in sportsmen. Kardiologiya 8 no. 6:19-24 M-D '68.

Dorogov, D. A., Legota, V. V. - Traumatic rupture of a healthy heart. Khim. zhurn. no. 6:3-5 Ja '64.

Kozlovskiy, I. N., and others. - Calcium phosphate, a new agent for stabilization of donor blood. Khim.-farm. zhurn. 3 no. 11:33-38 D '68.

Frankel, G. L. - Parameters of hemodynamics. Stank. i mash. 33 no. 10:113-21 '68.

Yakovlev, V. V., and others. - Modeling age-related characteristics of the control system of the frequency of heart contractions. Trudy TSU 9:18-8 '68.

Osipovskiy, S. I., Khaitova, G. G., Mekler, L. R. - Some properties of arbovirus hemagglutination inhibitors contained in human blood serum. Vop. virus. 13 no. 4:411-414 JI-Ag '68.

Georgievskiy, V. S., Mikhailov, V. M. - Effect of hypokinesia on blood circulation in man. Kozm. biol. i med. 2 no. 3:128-30 Mr-Apr '68.

Ogorodnikov, L. S. - Osteogenic participation of hypoxia reaction of the blood system in dogs. Zhurn. evol. biokhim. i fiziol. 4 no. 8:148-48 S-O '68.

Alkassimov, V. M. - Effect of ultrahigh frequency electromagnetic fields on the regulation of the heart rate and respiration in birds. Zhurn. evol. biokhim. i fiziol. 4 no. 8:148-48 S-O '68.

Kaligorodov, L. N., Kaverzova, M. D. - Chemical characteristics of cryoglobulinemia. Mol. biol. i med. 2 no. 3:128-30 Mr-Apr '68.

Kalichchikov, I. R., Mironov, O. A. - Variation pulsograms and indices of the function of external respiration under the effect of acute hypoxia on the human organism. Kozm. biol. i med. 2 no. 3:128-30 Mr-Apr '68.

612.1 (Continued)

- Karaseva, A. Kh. - Bioelectric studies of electric cardiac fibrillation. Report No. 2. Sbor. nauch. rab. KGM 42: 21-27 '67.
- Karaseva, A. Kh., Vlasov, S. P. - Manifestation of "physiological timekeeper" in the occurrence of electric cardiac fibrillation. Sbor. nauch. rab. KGM 42: 23-25 '67.
- Kryukova, E. A., Artamonov, D. M. - Clinical significance of electrophoretic examination of blood serum protein fractions in acute cholecystitis. Khir. khir. no. 1: 66-71 '64.
- Kuznetsov, A. A., Sokolovskiy, A. A. - Study of the interaction beta-cox mice macrophages and the pathogen of meningococci. Vop. virus. 13 no. 4: 445-470 11-Ag '68.
- Kobzarev, G. V., Trifilov, G. V. - Conformation of β -glycoproteins of human blood. Mol. biol. 1 no. 2: 123-125 11-Ap '67.
- Korobkov, A. V. and others. - Dynamics of orthostatic stability in apertures following 48-day hypokinesia. Kozm. biol. 1 med. 3 no. 3: 33-40 11-Je '68.
- Kravtsov, L. A., Oreshchik, V. G. - Effect of barbituric and anesthetic hormones on mice in prolonged hypokinesia. Kozm. biol. 1 med. 3 no. 3: 7-12 11-Je '68.
- Kuznetsov, M. V., Zakharov, E. P. - Reduction of the percentage of blood oxygen content to volume percent-age. Trudy Kazakh. inst. khir. i okup. khir. 13: 64-65 '67.
- Kucherenko, E. L. - Data from a study of arterial pulse in conditions of the acute. Khir. khir. no. 1: 60-62 11-Ag '64.
- Mansurov, A. R. and others. - Effect of hypoxia on thoracic organs in white rats. Kozm. biol. 1 med. 3 no. 3: 12-13 11-Je '68.
- Merkulov, M. F., and others. - Changes of the adhesion of thrombocytes under the effect of antithrombins. Farm. i toki. 31 no. 5: 704-708 11-D '68.
- Merkulov, M. F. - Cardiac activity of the fetus in physiological labor, and during labor complicated by premature loss of the amniotic fluid; based on electrocardiographic data. Akush. i gin. 49 no. 6: 22-30 11-D '64.
- Mikhailov, G. L. - Comparative effect of psychoactive on some forms of behavior of mice, rats, and dogs. Zhur. evol. biokhim. i fiziol. 4 no. 4: 443-448 5-O '68.
- Mikhailov, M. M., Orskanov, B. A. - Adaptation of the myocardium to hypoxia. Sbor. nauch. rab. KGM 40: 71-80 '66.
- Moskalev, R. Kh. - State of serum proteins in large dogs. Trudy Kazakh. inst. khir. i okup. khir. 13: 66-67 '67.
- Muskhelishvili, T. G. - Blood vessel system and the growth of tumors. Trudy Kazakh. inst. khir. i okup. khir. 13: 68-71 '67.
- Nazarov, K. M. - Pathogenesis of neurophysiological consequences of a ABO-incompatibility conflict between mother and fetus. Khir. khir. i okup. khir. 13: 69-71 '67.
- Nefedov, I. U. G. and others. - Quantitative evaluation of the function of the cardiovascular system in animals during a prolonged orbital flight. Kozm. biol. 1 med. 3 no. 3: 41-43 11-Ap '68.
- Neradina, V. M. - Determination of different forms of R_h-antibodies in R_h-incompatibility of the blood of women transfused by pregnancy. Zhur. evol. biokhim. i fiziol. 4 no. 4: 449-454 '68.
- Pavlov, N. E., Tikhonov, V. A. - Arterial tone in relation to restricted muscular activity in man. Kozm. biol. 1 med. 3 no. 3: 45-49 11-Je '68.
- Pokrovskaya, E. A. - Permeability of amnion through the human placental barrier. Khir. khir. i okup. khir. 13: 72-74 '67.
- Rozov, V. - Bloodless heart transplantation. Nov. vrem. 27 no. 120 11-Ag '68.
- Semakova, A. G., Stukhovich, A. D. - Respiration and glycolysis role in energy supply to the reticulocyte ripening process in mammals. Dokl. AN SSSR 123 no. 1: 341-343 '68.
- Serdyukov, A. M., Plesner, L. L. - Effect of the oxypur on the content of catecholamines in blood. Farm. i toki. 31 no. 5: 709-713 11-D '68.
- Shklyarskiy, O. A. - Effect of the frequency and intensity of the stimulating current on the cardiac activity. Sbor. nauch. rab. KGM 41: 8-12 '67.
- Shklyarskiy, O. A. - Some characteristics of heart "coupling" in prolonged stimulation of extracardiac nerves. Sbor. nauch. rab. KGM 41: 3-7 '67.
- Shklyarskiy, A. A., and others. - Some data of the effect of polyethylene oxides on erythrocytes and human blood plasma. Farm. i toki. 31 no. 5: 714-720 11-D '68.
- Shklyarskiy, P. A. - Some hemodynamic shifts in the process of acclimatization to a desert. Sbor. nauch. rab. KGM 40: 113-123 '66.
- Shklyarskiy, I. U. S., Maschukov, V. M. - Intermetabolic studies of group differences of fetal blood sera in man. Zhur. evol. biokhim. i fiziol. 4 no. 4: 455-460 '68.
- Teodorovskiy, V. L., Kostov, G. A. - Mechanism of blood cell damage in the process of slow and fast freezing. Trilogiya 18 no. 10: 124-124 '68.
- Ter-Mikaelian, M. N. - Effect of cortisone on the phagocytic activity of the leukocytes in the transplantation of heterologous cartilage. Sbor. nauch. rab. KGM 41: 13-15 '67.
- Yagelkov, A. A., Tsimbaev, R. A. - Changes in the gasous composition and electrolytes of the blood in gynecological patients during surgery under different types of superficial endotracheal anesthesia. Trudy Kazakh. inst. khir. i okup. khir. 13: 75-77 '67.
- Turekova, I. A., Khilov, T. R., Akhmedov, A. A. - Effect of streptolysin K, streptolysin β and chloroform on the glycogen and nucleic acid phosphorus content in myocardium of rats. Farm. i toki. 31 no. 5: 721-727 11-D '68.

Volyn, E. A. - Cardiac activity of the fetus during pregnancy and labor; based on electrocardiographic and phonocardiographic data. Akush. i gin. 40 no. 6: 30-34 11-D '64.

612.1(678.34)—Akshina A. S. R.

Kukushvili, L. S., Sedukhin, A. A. - Analysis and X-ray data on compensatory and adaptive changes in the blood circulation system of old people in Akshina. Sbor. AN Gruz. SSR. 51 no. 1: 23-25 11 '68.

612.1(678.3)—Kirkova S. R.

Lakshvili, A. V. - Coagulation of whole blood in practically healthy children under conditions of hypoxia. Sbor. nauch. rab. KGM 41: 107-108 '67.

Lakshvili, A. V. - Prothrombin index in practically healthy school-age children under alpine (city of Murya) and flat-terrain conditions (village of Kirovskoye) in Kirghizia. Sbor. nauch. rab. KGM 41: 15-17 '67.

Klimov, M. Kh. - Average arterial pressure in school-age boys under the conditions of the high-mountain (city of Murya) and low-mountain (city of Frunze) regions of Kirghizia. Sbor. nauch. rab. KGM 41: 115-118 '67.

Zhelezov, M. Zh. - State of the resistance of the capillaries, according to Mestrov's method, in school-age boys under Kirghiz alpine (city of Murya) and flat-terrain (city of Frunze) conditions. Sbor. nauch. rab. KGM 41: 119-120 '67.

612.3 Respiration

Agachanov, M. A., and others. - Characteristics of the changes in the gas exchange in mountainers and residents of the plateau during physical load. Sbor. nauch. rab. KGM 41: 17-22 '67.

Agachanov, M. A. and others. - Effect of high oxygen concentrations on the animal organism. Kozm. biol. 1 med. 3 no. 3: 26-27 11-Ap '68.

Agachanov, M. A., Davydov, G. A. - Characters of changes in the gas exchange in extreme degrees of the thinning of the atmosphere. Sbor. nauch. rab. KGM 41: 23-24 '67.

Akhmedov, M. G., Adilgizova, S. Kh., Gorkhach, G. P. - Mitotic index and the DNA content of RS-1 tumor irradiated under local hypoxia. Trudy Kazakh. inst. khir. i okup. khir. 13: 78-80 '67.

Alexandrov, A. M., and others. - Increasing the resistance of myocardium to an acute hypoxia by means of ginseng. Farm. i toki. 31 no. 5: 727-730 11-D '68.

Anastasia, V. G. - Altitude-related alveolar adaptation under the conditions of the Dzhirgatal Health Resort (2100 m). Sbor. nauch. rab. KGM 41: 25-26 '67.

Barabashova, E. L. - Changes in the gas exchange as a consequence of adaptive shifts of cellular respiration. Sbor. nauch. rab. KGM 41: 27-28 '67.

Bondarev, V. V., Mironov, V. A., Kozlov, V. M. - Evaluation of the strain level of activity under conditions of hypoxia and oxygen breathing under alpine pressure. Vop. piskol. 14 no. 4: 1181-1184 11-Ag '68.

Brum, A. A., Mironov, V. M. - Gas exchange and morphology of the thyroid gland under alpine conditions. Sbor. nauch. rab. KGM 41: 29-30 '67.

Dubrovskiy, A. D., Mironov, V. M., Tikhonov, A. I. - Gas exchange in patients with chronic obstructive pulmonary disease under alpine conditions. Sbor. nauch. rab. KGM 41: 31-32 '67.

Kalishvili, G. O., Gorkhach, G. P. - Morphological characteristics of the C-48 tumor irradiated under conditions of local hypoxia. Trudy Kazakh. inst. khir. i okup. khir. 13: 81-82 '67.

Gorkhach, G. P., Barabashova, E. L. - Irradiation of transmissible tumors of sarcoma-45 and Piles' lymphosarcoma under local hypoxia. Trudy Kazakh. inst. khir. i okup. khir. 13: 83-84 '67.

Gorkhach, L. S. - Osteogenic pathologies of hypoxia reaction of the blood system in dogs. Zhur. evol. biokhim. i fiziol. 4 no. 4: 461-462 5-O '68.

Kalishvili, M. L. - Effect of ultrahigh frequency electromagnetic fields on the regulation of the heart rate and respiration in birds. Zhur. evol. biokhim. i fiziol. 4 no. 4: 463-468 5-O '68.

Kalishvili, L. R., Mikhlin, G. A. - Variation pulmonary and function of the function of external respiration under the effect of acute hypoxia on the human organism. Kozm. biol. 1 med. 3 no. 3: 77-80 11-Je '68.

Lerina, E. L. - Associated lesion of the lungs and liver by echinococcosis. Khir. khir. no. 1: 82-83 11-Je '64.

Mikhailov, G. L. - Comparative effect of psychoactive on some forms of behavior of mice, rats, and dogs. Zhur. evol. biokhim. i fiziol. 4 no. 4: 443-448 5-O '68.

Pogoda, V. L., Chirskikh, I. M. - Blood pressure in the right ventricle during the raised pressure in the upper respiratory tract in dogs. Zhur. evol. biokhim. i fiziol. 4 no. 4: 449-454 5-O '68.

Shklyarskiy, I. V. - Changes in pH of human skeletal muscles under conditions of thin air atmosphere. Sbor. nauch. rab. KGM 41: 33-34 '67.

Zolotarev, G. E. - Correlation of the renal pulse rate elements in newborn infants. Sbor. nauch. rab. KGM 41: 35-36 '67.

612.3(674)—Akshina A. S. R.

Dubrovskiy, A. D. - Changes in the ventilation function of the lungs in the process of adaptation to thin air. Sbor. nauch. rab. KGM 40: 124-125 '66.

612.3 Digestive and nutrition

Akhmedov, A. A. - Effect of pepsin derivatives of carboxylic acid on the nucleic acid metabolism in the liver and spleen of rats. Zhur. evol. biokhim. i fiziol. 4 no. 4: 465-468 5-O '68.

Bellanova, I. D. - Effect of actinomycin on the proliferation of the epithelium of the duodenal crypts in mice. Zhur. evol. biokhim. i fiziol. 4 no. 4: 469-470 5-O '68.

Chukov, R. A., and others. - Study of the oxidative-enzymic method of mineralization of wastes in the system of the cycles of substances. Kozm. biol. 1 med. 3 no. 3: 41-43 11-Je '68.

Dejurov, A. R. - Amylase activity in the digestive tract of dogs. Zhur. evol. biokhim. i fiziol. 4 no. 4: 471-474 5-O '68.

Heidenfeldt, K., Lashina, R. - Effect of thyroxine on its lipolytic activity and the content of glyceride glyceral in the liver of white rats. Zhur. evol. biokhim. i fiziol. 4 no. 4: 475-478 5-O '68.

Il'ina, V. S., Solov'yova, I. B. - Glucose intake in deep-painted adipose tissue of rat. Effect of insulin and catecholamines. Zhur. evol. biokhim. i fiziol. 4 no. 4: 479-484 5-O '68.

Kryukova, E. A., Artamonov, D. M. - Clinical significance of electrophoretic examination of blood serum protein fractions in acute cholecystitis. Khir. khir. no. 1: 66-71 11-Ag '64.

Krislov, L. V., Penkina, M. I. - Toxic action of the excessive doses of vitamin A and its combination with tocopherol on the oxidative phosphorylation in mitochondria of the liver of a rat. Farm. i toki. 31 no. 5: 731-735 11-D '68.

Mordovtsov, A. I. - Effect of chlorophyll and serum on peristaltic periodic activity of the stomach. Farm. i toki. 31 no. 5: 736-737 11-D '68.

Pates, M. M., and others. - Protective action of orotic acid on the liver during the reaction of toxic substances in small doses. Farm. i toki. 31 no. 5: 738-740 11-D '68.

Shklyarskiy, M. M., Gal'perin, V. I. - Regenerative capacity of the liver at various stages of carcinogenesis. Trudy Kazakh. inst. khir. i okup. khir. 13: 84-85 '67.

Tugusov, S., and others. - Combined production of fermentation and hormone preparations manufactured from the pancreas. Mias. ind. SSSR. 36 no. 1: 19-21 11-D '68.

Ugolev, A. M., and others. - Possible enzymatic specification of different sections of the small intestine during the action of invertase, pepsinase and lipolytic activity along the small intestine in rats. Dokl. AN SSSR 123 no. 1: 344-347 '68.

Zakharov, E. A., Shklyarskiy, V. I. - Isolation of labeled thymidine into hepatic cells in rats following preliminary effect of cortisone. Zhur. evol. biokhim. i fiziol. 4 no. 4: 485-487 5-O '68.

612.4 Glandular physiology. Secretion. Excretion

Akhmedov, M. A., Kozlov, V. M. - Microanatomy of the thyroid gland in Kirghizia (city of Murya) and Kirghizia (city of Frunze). Sbor. nauch. rab. KGM 41: 37-38 '67.

Akhmedov, K. M., Akhmedov, M. A. - Materials on seasonal changes in the morphology of the thyroid gland. Sbor. nauch. rab. KGM 41: 39-40 '67.

Anat, I. A. - Effect of pepsin derivatives of carboxylic acid on the nucleic acid metabolism in the liver and spleen of rats. Zhur. evol. biokhim. i fiziol. 4 no. 4: 469-474 5-O '68.

Artamonov, D. M. - Effect of the nervous system on the structure of the thyroid gland in prolonged administration of potassium iodide to the organisms of rats. Sbor. nauch. rab. KGM 41: 41-42 '67.

Baltika, J. V. - Association of cyst of the parathyroid gland and diffuse thyrotoxic goiter. Khir. khir. no. 1: 84-85 11-Je '64.

Brum, A. A., Mironov, V. M. - Gas exchange and morphology of the thyroid gland under alpine conditions. Sbor. nauch. rab. KGM 41: 29-30 '67.

Bryl, I. A., and others. - State of the endocrine system in acute radiation sickness in dogs. Vop. piskol. 14 no. 4: 1185-1188 11-Ag '68.

Il'ina, V. S., Solov'yova, I. B. - Glucose intake in deep-painted adipose tissue of rat. Effect of insulin and catecholamines. Zhur. evol. biokhim. i fiziol. 4 no. 4: 479-484 5-O '68.

Ishkova, E. L. - Changes in the follicle-stimulating hormone and total gonadotropins in women of different ages. Trudy Kazakh. inst. khir. i okup. khir. 13: 86-100 '67.

Pavlovskiy, T. M., and others. - Functional morphology of the thyroid gland. Arkh. pat. 30 no. 10: 3-14 '68.

Kalishvili, I. T. - Adaptive-compensatory role of the thyroid gland in healthy persons and in patients with endocrinological diseases. Sbor. nauch. rab. KGM 41: 43-44 '67.

Korobkov, A. A., Vinogradov, I. B. - Dynamics of diurnal diuresis, excretion of creatinine, and the average dermal capillary layer in sportmen during prolonged hypokinesia. Kozm. biol. 1 med. 3 no. 3: 43-45 11-Je '68.

Korobkov, P. A. and others. - Quantitative and qualitative distribution of bone marrow in adult dogs. Kozm. biol. 1 med. 3 no. 3: 46-48 11-Ap '68.

Lashina, R. A. - Chemical properties and effects of hormones in phyto- and osteogenesis of vertebrates. Zhur. evol. biokhim. i fiziol. 4 no. 4: 481-482 5-O '68.

Pykhina, A. A., Martynova, A. V. - Change of the function of adrenal cortex during the introduction of atropine, papaverine and their combinations. Farm. i toki. 31 no. 5: 741-743 11-D '68.

Serdyukov, A. A., Plesner, L. L. - Effect of the oxypur on the content of catecholamines in blood. Farm. i toki. 31 no. 5: 744-748 11-D '68.

Shklyarskiy, I. O., Maslov, V. M., Petrov, E. V. - Significance of the structural integrity of the lymphoid tissue for antibody formation in an in-vitro culture. Trilogiya 18 no. 10: 124-124 '68.

612.4 (Continued)

- Slavov, V. M. - Absorption of radioactive iodine by the thyroid gland and the protein formula of the blood serum as a criterion of the severity of the clinical aspects of thyrotoxicosis. *Klin. khir.* no. 8:83-94 My '64.
- Stasovskiy, T. A. - Kidney functions in the case of rheumatism. *Dokl. AN BSSR* 12 no. 3:273-278 Mr. '66.
- Volodim, K. P. - Transplantation of the anterior hypophyseal lobe. *Biol. eksp. biol. med.* 65 no. 10:76-77 O '68.

612.4875.3) - Kirghiz S. S. R.

- Kalishchik, I. T., Belekova, R. B. - Thyroid function in sick and healthy residents of various altitudinal levels of Kirghizia. *Sbor. nauch. tr. KGM* 47 83-88 '67.
- Khamitov, S. Kh. - Morphology of the thyroid gland in residents of the Baryk-Kal' Valley. *Sbor. nauch. tr. KGM* 47:124-128 '67.

612.5 Animal land. Body temperature

- Akylbekov, K. M., Achimov, Sh. I. - Materials on seasonal changes in the morphology of the thyroid gland. *Sbor. nauch. tr. KGM* 47:33-34 '67.
- Aliev, Sh. A., Bakalovskaya, N. A., Starygin, A. A. - Free sulphydryl groups of (skeletal) proteins in burn shock, and in burn shock due to over-heating of the organism. *Sbor. nauch. tr. KGM* 47:54-56 '67.
- Aliev, Sh. A. - Experimental burn shock caused by flames under conditions of artificial over-heating. *Sbor. nauch. tr. KGM* 47:57-58 '67.
- Bakalovskaya, N. A., Chikolova-Rudina, M. Y. - Combined effect of radiation and hypothermia on the growth of transplanted tumors. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.* 4:160-171 '67.
- Chernikov, I. M., Makimov, I. V., Ashkovich, P. A. - Loss of moisture under conditions of low atmospheric pressure. *Koos. biol. med.* 2 no. 3:81-83 My-Je '68.
- Shalimov, O. Sh. - Hemodynamics and oxygenation of the blood following hemorrhages in animals due to over-heating under normal and heat-chamber conditions. *Sbor. nauch. tr. KGM* 47:121-123 '67.
- Shimov, M. - Heat exchange dynamics in colored wistar furms during different seasons. *Uzb. biol. zhur.* 12 no. 4:83 '68.
- Tekerevskiy, T. O. - Effect of cooling on the viability of the gamete and embryo phases. *Uchen. zapiski W. D. Trudy TSNM* no. 18 p. 3:18-31 '67.
- Tilla, A. U., and others. - Reanimation in hyperthermia. *Sbor. nauch. tr. KGM* 47:60-63 '67.

612.8 Reproduction. Development. Growth. Aging. Death

- Abdullayev, K. - Effect of local X (radiation) on the posttranslational regeneration of lardons in rats. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.* 4:33-43 '67.
- Akopishvili, V. R. - Changes in osmotic tissue during the reconstruction process of the long bony bones in children at different periods. *Sbor. nauch. tr. KGM* 47:124-128 '67.
- Bashkova, V. M. - Dynamics in the age-related aspect of osteoporosis disorders in adolescents. *Zhur. vuz. i pech. med.* 68 no. 10:1549-1553 '68.
- Bolotov, A. P. - Experimental study of the effect of antibodies on the reproduction of progeny. *Sbor. nauch. tr. KGM* 47:64-66 '67.
- Bolotov, I. D. - Effect of actinomycin on the proliferation of the epithelium of the duodenal crypt in mice. *Biol. eksp. biol. med.* 65 no. 10:82-85 O '68.
- Deglin, V. A., Sholpo, L. M. - Age-related characteristics of the reactivity in children and adolescents based on data of EEG and some vegetative tests. *Zhur. vuz. i pech. med.* 68 no. 10:1564-1568 '68.
- Hansen, A. B. - Growth intensity in rats at an early age following interference on osteoclast metabolism. *Biol. eksp. biol. med.* 65 no. 10:87-90 O '68.
- Chirikov, A. O. - Epithelial growth of the prostate gland in rats by the method. *Biol. eksp. biol. med.* 65 no. 10:84-86 O '68.
- Chavilov, V. I., Kozmadi, G. A. - Study of the immunodepressive properties of anti-lymphocyte sera. *Biol. eksp. biol. med.* 65 no. 10:77-80 O '68.
- Kalishchik, I. T. - Formation of conditioned reflexes from the olfactory analyzer in young rabbits under conditions of natural reinforcement. *Zhur. vuz. i pech. med.* 68 no. 10:1569-1573 '68.
- Korotkiy, O. V. - Age-related characteristics of hemodynamic indices and the evaluation of various methods of their determination. *Vrach. delo* no. 7:73-78 JI '68.
- Kulshreshtha, B. V. - Principles of clinical and anatomical interpretation of the causes of death of fetuses and newborn infants. *Akush. i gin.* 40 no. 6:40-46 M-D '64.
- Lash, G. E. - Characteristics of conditioned responses to audio-visual and acoustic components of verbal stimuli in infants during the first year of their life. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Pollakova, S. I. - Development of color vision in newborn infants based on materials of electrophysiological study. *Zhur. vuz. i pech. med.* 68 no. 10:1579-1583 M-D '68.
- Shimovskiy, M. M., Galitskiy, V. I. - Regenerative capacity of the liver at various stages of carcinogenesis. *Trudy Kazakh. nauch. -issl. inst. onk. i radiol.* 8:69-82 '67.
- Stasovskiy, M. A., Medvedeva, V. M. - Study of the physical development of oligophrenic children at the degree of disability. *Zhur. vuz. i pech. med.* 68 no. 10:1584-1588 '68.
- Sokolov, O. S. - Histological and structural characteristics of the growth and transformation of cartilage tissue in culture and in vivo. *Biol. eksp. biol. med.* 65 no. 10:88-91 O '68.
- Stasovskiy, M. B. - Regenerative capacity of gastric tissue in acute radiation sickness. *Biol. eksp. biol. med.* 65 no. 10:82-84 O '68.

- Strashnikov, V. A., and others. - Clinicopathological analysis of the causes of sudden death of young persons in acute circulatory insufficiency. *Voen. med. zhur.* no. 12:35-38 D '66.
- Tatarov, I. U. S., Maslitskiy, V. M. - Immunohistochemical studies of group differences of fetal blood sera in mice. *Biol. eksp. biol. med.* 65 no. 10:34-36 O '68.
- Ushakov, A. A. - Supraplasmal regeneration of a tubular bone in white rats under high-altitude conditions. *Sbor. nauch. tr. KGM* 47:45-51 '67.

612.7 Organs of movement. Voice. Sida

- Bashnikov, B. O. - Importance of exogenous corticosteroids in adaptive possibilities of the organism under muscular stress. *Sbor. nauch. tr. KGM* 47:73-78 '67.
- Cheremshin, M. A. - Effect of prolonged bed rest on the muscular tone and proprioceptive reflexes in healthy persons. *Koos. biol. med.* 2 no. 3:43-47 My-Je '68.
- Chernikov, I. M., Makimov, I. V., Ashkovich, P. A. - Loss of moisture under conditions of low atmospheric pressure. *Koos. biol. med.* 2 no. 3:81-82 My-Je '68.
- Chervinskaya, T. S., Tashchikov, V. V. - Mixture telemetric device for the transmission of electromyograms. *Koos. biol. med.* 2 no. 3:83-84 Mr-Apr '68.
- Chikolova, N. A. - Distribution of sugars between aortic tissues of a frog and the medium of different ionic composition under normal conditions and following insulin action. *Tsitologiya* 10 no. 10:1356-1372 O '68.
- Kakurin, I. I. - Effect of prolonged restriction of muscular activity on the human body, and the hypokinetic component of weightlessness. *Koos. biol. med.* 2 no. 3: 58-63 Mr-Apr '68.
- Kanyshov, A. - Methodology of motion-picture registration of eye movements for the determination of the direction of the operator's gaze. *Vop. psikh.* 14 no. 4: 144-150 JI-Ag '68.
- Kolash, A. A., Polov, I. E. - Relationship between electrical and mechanical phenomena of the heart activity in coronary disease patients. *Vost. AN BSSR, Ser. biol. med.* no. 4:64-72 '68.
- Korotkiy, A. V., and others. - Dynamics of orthostatic stability in sportsmen following 40-day hypokinesia. *Koos. biol. med.* 2 no. 3:33-40 My-Je '68.
- Korotkiy, A. A., Vinogradov, I. I. - Dynamics of diurnal diuresis, excretion of creatinine, and the average dermal capillary layer in sportsmen during prolonged hypokinesia. *Koos. biol. med.* 2 no. 3:41-43 My-Je '68.
- Lavina, R. B., L. G. Vysotskiy. Ideas of speech planning in children. *Vop. psikh.* 14 no. 4:108-115 JI-Ag '68.
- Orlov, B. S., Kalka, A. T. - Changes in the membrane potential of myonitrium cells in response to stretching. *Biol. eksp. biol. med.* 65 no. 10:10-11 O '68.
- Petrova, M. K., Tashchikov, V. A. - Arterial tone in relation to restricted muscular activity in man. *Koos. biol. med.* 2 no. 3:44-45 My-Je '68.
- Pervashin, L. I. - Skin receptors and the possibility of utilizing the skin analyzer for communication. *Vop. psikh.* 14 no. 4:161-169 JI-Ag '68.
- Polakova, V. V. - One form of visual perception disorder in schizophrenia. *Vop. psikh.* 14 no. 4:123-132 JI-Ag '68.
- Prokudin, V. M. - Effect of ionizing radiation on the electric activity of muscular tissue. *Sbor. nauch. tr. KGM* 47:118-119 '67.
- Romanov, I. A. - Protection of muscle cholinesterase from irreversible inactivation with amines by means of some enzyme reagents. *Farm. i toks.* 31 no. 6:773-778 M-D '68.
- Sokolovskiy, I. P. - Changes in composition of human skeletal muscles under conditions of climate atmosphere. *Sbor. nauch. tr. KGM* 47:107-110 '67.
- Sokolov, O. S. - Histological and structural characteristics of the growth and transformation of cartilage tissue in culture and in vivo. *Biol. eksp. biol. med.* 65 no. 10:88-91 O '68.
- Tokarev, A. A., and others. - Development of speech imitation in infants during the first two years of their life. *Vop. psikh.* 14 no. 3:94-101 My-Je '68.
- Vasyanko, A. - Creators of voice. *Myndivno* 18 no. 8: 32-35 O '68.
- Zukov, E. K. - Data obtained in study of the tonic function of skeletal muscles. *Zhur. vuz. i pech. med.* 68 no. 10:1572-1573 O '67.

612.8 Nervous system. Some organs

- Aladashova, N. A., Shkuro, M. E., Potykhin, G. P. - Multimodal distribution of impulse activity of some neurons of the cerebral cortex in cats. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Alekseenko, M. I., Levchik, I. P. - Evoked responses of the associative region of the cerebral cortex in cats. *Zhur. vuz. i pech. med.* 68 no. 10:1579-1583 M-D '68.
- Artemov, A. I. - Effect of the nervous system on the structure of the thyroid gland in prolonged administration of potassium iodide to the organisms of rats. *Sbor. nauch. tr. KGM* 47:83-85 '67.
- Arushanov, S. R., Zariyakov, A. V., Mal'chuk, P. V. - Effect of corazol on the activity of interneuronal neurons of the brain. *Biol. eksp. biol. med.* 65 no. 10:45-48 O '68.
- Artemov, S. R., Solimov, V. M. - Changes in the content potential of the cortex and deep structures of the human brain in emotional reactions. *Vop. psikh.* 14 no. 3: 63-76 My-Je '68.
- Bakht, M. I. - Adaptive mechanisms and excitation and inhibition processes. *Sbor. nauch. tr. KGM* 47:87-92 '67.
- Belov, A. B., Vasil'eva, L. A., Samoilova, L. A. - Corticofugal influences on the associative system of the diencephalon in cats. *Zhur. vuz. i pech. med.* 68 no. 10:1579-1583 M-D '68.

- Bein, K. S., Volkov, V. M., Khromskaya, E. A. - Electroencephalographic studies during the process of recognizing tachicardically presented pictures. *Vop. psikh.* 14 no. 3:35-45 My-Je '68.
- Belik, I. A. V., Pallada, A. V., Samoilova, L. S. - Age changes of regeneration intensity of microglial fraction proteins in rabbit brain tissues. *Zhur. vuz. i pech. med.* 68 no. 10:1584-1588 '68.
- Belov, Y. I. - Development of nonspecific nuclei, derived from the dorsal thalamus, in the optic thalamus in rabbits. *Biol. eksp. biol. med.* 65 no. 10:100-104 O '68.
- Bodakova, A. P., Gerasimov, V. I. - Effect of cystamine, tetramethylammonium, and diformyl-cystamine on conditioned reflex activity of albino rats. *Farm. i toks.* 31 no. 6:648-657 M-D '68.
- Borisko, G. Kh. - Elaboration rate of conditioned reflexes and restoration of cerebral RNA following the introduction of homologous RNA of trained rats. *Zhur. vuz. i pech. med.* 68 no. 10:1589-1593 M-D '68.
- Bysov, A. L. - Comparative physiological studies of retina electric activity in vertebrates and invertebrates. *Zhur. vuz. i pech. med.* 68 no. 10:1594-1598 O '67.
- Chikolova, N. A. - Some characteristics of modeling paired work of the vestibular apparatus. *Trudy Sent. Biol. i med. mod. v. biol.* no. 3:18-48 '67.
- Cheremshin, M. A. - Effect of prolonged bed rest on the muscular tone and proprioceptive reflexes in healthy persons. *Koos. biol. med.* 2 no. 3:43-47 My-Je '68.
- Chikolova, N. A. - Functional state of the vegetative nervous system in dogs under normal conditions and in radiation sickness. *Sbor. nauch. tr. KGM* 47: 83-84 '67.
- Daniilov, S. B. - Mechanisms of reflex reactions from aortic receptive zones. *Sbor. nauch. tr. KGM* 47: 44-47 '68.
- Deglin, V. A., Sholpo, L. M. - Age-related characteristics of the reactivity in children and adolescents based on data of EEG and some vegetative tests. *Zhur. vuz. i pech. med.* 68 no. 10:1564-1568 '68.
- Dembovskiy, O. F. - Myotonic-evoked potentials of the auditory cortex in cats during inclusion of effects in the ascending of peroneus. *Zhur. vuz. i pech. med.* 68 no. 10:1569-1573 M-D '68.
- Daniilov, L. M. - Postnatal development of occipital rhythmic motor activity in rabbits following the removal of the upper sympathetic ganglia. *Biol. eksp. biol. med.* 65 no. 10:3-7 O '68.
- Eshchekov, M. Z. - Content of ammonium and amides in the brain during hibernation. *Biol. eksp. biol. med.* 65 no. 10:44-46 O '68.
- Famichanka, K. V. - Modification of radiation biochemical changes by the introduction of steroid hormones. *Vost. AN BSSR, Ser. biol. med.* no. 4: 60-64 '68.
- Felds, V. F. - Dynamics of changes in the b-wave of the electroretinogram of cats during rhythmic photic stimulation. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Fomichova, M. M. - Comparative characteristics of excitation effects during the action of conditioned and indifferent stimuli. *Zhur. vuz. i pech. med.* 68 no. 10:1579-1583 M-D '68.
- Georgiyev, M. B. - Space analysis of sound stimuli in cats following neurotomy of the corpus callosum. *Vost. LGU* no. 3:101-106 M '68.
- Grandpierre, R. - Physiological reactions in monkeys during flights along a ballistic curve. *Koos. biol. med.* 2 no. 3:3-7 My-Je '68.
- Gray, J. A. - Strength of the nervous system, retroversion-extraversion, conditioned reflexes and activation reaction. *Vop. psikh.* 14 no. 3:77-83 My-Je '68.
- Novikova, M. I. - Effect of temperature on central nervous conduction rate. *Vost. AN BSSR, Ser. biol. med.* no. 4: 61-63 '68.
- Lakotova, M. I., Shifner, T. P., Tsvetkova, I. P. - Conditioned cardiac reflexes, and functional and morphological states of cortical neurons under the effect of electromagnetic fields of ultrahigh frequencies. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Liokov, M. V. - Brain and psychology as a system to D. I. Dobrovskiy. *Vop. Bios.* no. 11:145-153 '68.
- Mila, V. S., Solimov, I. B. - Glucose intake in deoxy-purified adipose tissue of rats. Effect of insulin and catecholamines. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Koff, M. E. - Participation of the red nucleus in the performance of instrumental conditioned reflexes in dogs. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Kalishchik, I. V., Agachanova, M. A., Zakharova, I. M. - Changes in the electroencephalogram during the formation of a food-procuring reflex to a rhythmic photic stimulus under some types of external and internal inhibition. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Kamalian, R. O., Dostikhan, G. Kh., Morozov, S. G. - Participation of some nucleotides and pyridoxal phosphate in glutamate transformation in the mitochondria of brain fractions. *Biol. zhur. Arm.* 31 no. 6: 18-30 My '68.
- Karnev, A. I., Feinikova, Y. A. - Participation of hypophyseal hormones in interceptive glycemia reflexes. *Dokl. AN BSSR* 14 no. 4:83-88 '68.
- Karamian, A. I. - Some regulations of the functional evolution of higher centers of the central nervous system. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Khanavir, M. M., Mestakid, D. N. - Regulations of the extinction of conditioned reflexes elaborated at various degrees of the probability of reinforcement. *Zhur. vuz. i pech. med.* 68 no. 10:1574-1578 M-D '68.
- Kharkevich, V. Kh. - Finger-operated electroencephalogram. *Vop. psikh.* 14 no. 3:144-150 My-Je '68.
- Komarov, G. A. - Hypoglossal nerve in newborn infants preliminary report. *Sbor. nauch. tr. KGM* no. 10:1574-1578 M-D '68.

618.6 (Continued)

- Kopytova, V. V. - Changes in the activity of single neurons of the motor cortex in combination of an acoustic stimulus with extracellular polarization. *Zhur. vyz. nerv. sist.* 18 no. 6:1075-1078 N-D '88.
- Korshak, A. A. - Nerves of the anterior surface capsule of the shoulder joint in newborn rabbits; preliminary report. *Shor. stud. rab.* KUMI no. 1:177-78 '88.
- Koshin, P. G. - Comparative physiological studies on cellular mechanisms of the basic nervous processes. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:459-485 S-O '87.
- Krasn, V. A. - Effect of central cholinergic on behavioral and electroencephalographic reactions in the stimulation of hippocampus. *Farm. i toki.* 31 no. 6:643-647 N-D '88.
- Kudina, M. P., Myslobodskii, M. S. - Dependence of parameters of an evoked potential in the human brain on the state of attention. *Zhur. vyz. nerv. sist.* 18 no. 6:1077-1078 N-D '88.
- Lapik, A. P., and others. - Action of triphenyl glycoside of triethylammonium bromide on the cerebral nervous system. *Farm. i toki.* 31 no. 6:648-652 N-D '88.
- Lebedev, V. I., Chelidze, L. F. - Role of the vestibular analyzer in human spatial orientation under conditions of weightlessness during flights. *Kosm. biol. i med.* 3 no. 2:76-78 N-D '88.
- Lebedev, V. A. - Sources of the origin and qualitative characteristics of the reactivity of afferent nerve fibers in sciatic nerves. *Dokl. AN BSSR* 14 no. 2:277-280 N-D '88.
- Leib, G. B. - Characteristics of conditioned responses to stimuli: articulation and acoustic components of verbal stimuli in infants during the first year of their life. *Zhur. vyz. nerv. sist.* 18 no. 6:1063-1071 N-D '88.
- Lurida, A. R. - Process of reflection in the light of contemporary neuropsychology. *Vop. psikh.* 14 no. 3:143-146 N-D '88.
- Makarovskii, M. D., Lomskii, V. P. - Effect of electrolyte-arginine on the change of cerebral vessel tone induced by serotonin. *Farm. i toki.* 31 no. 6:671-674 N-D '88.
- Makova, T. S. - Morphological data on the wide representation of the pyramidal tract in the human cerebral cortex. *Zhur. vyz. nerv. sist.* 18 no. 6:1069-1070 N-D '88.
- Makysak, I. A. - Dynamics of the formation of new conditioned reflex systems in rats on the basis of previously elaborated temporary connections. *Zhur. vyz. nerv. sist.* 18 no. 6:661-667 N-D '88.
- Medytsya, V. D. - General and particular properties of the nervous system. *Vop. psikh.* 14 no. 3:147-151 N-D '88.
- Medvedev, M. L., Ashutskii, V. A., Oksalov, V. I. - Effect of pabophen on basal state activity of the brain. *Farm. i toki.* 31 no. 6:675-676 N-D '88.
- Ochirovskii, V. F. - Neuroendocrine mechanisms for the determination of neuroendocrine stress in pilots. *Voen.-med. zhur.* no. 11:61 N '88.
- Pigarskiy, S. D., Serik, X. F. - Localization of dehydrogenase in rabbit cerebellum during postnatal development. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:538-543 S-O '88.
- Pillipenko, V. I. - Development of the structural organization of the olfactory analyzer in cat. *Biol. eksp. biol.* 18 no. 10:100-106 O '88.
- Pogoda, M. A. - Effect of central cholinergic on the inhibition of the knee jerk reflex in the stimulation of the structures of medulla oblongata and cerebellum. *Farm. i toki.* 31 no. 6:677-680 N-D '88.
- Pokrovskii, M. A. - Permeability of endothelium through the hematoencephalic barrier. *Zhur. vyz. nerv. sist.* 18 no. 6:1074-1077 N-D '88.
- Popova, N. S. - Dynamics of parameters of evoked potentials in various areas of the surface of the visual cortex and the surrounding cortical fields in dogs during the formation of a conditioned reflex. *Zhur. vyz. nerv. sist.* 18 no. 6:1068-1070 N-D '88.
- Prokhorov, V. M. - Effect of limiting radiation on the stability of the vestibular apparatus. *Shor. nauch. rab. KUMI* 4:117-20 '87.
- Reider, R. M. - Distribution of catecholamines in rabbit (Lepus) in ontogeny. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:544-549 S-O '88.
- Rodina, V. S. - Changes in the phosphor acetylcholine in some fractions of the rabbit brain under the effect of limiting irradiation. *Shor. nauch. rab. KUMI* 4:3-5 '87.
- Rudakov, P. A. - Morphological analysis of some stimulation of central neurons. *Zhur. vyz. nerv. sist.* 18 no. 6:1071-1072 N-D '88.
- Sagolovskii, R. M., Zaslavskii, M. V. - Dynamics of the permeability of hematoencephalic barrier for radioactive phosphorus. *Biol. eksp. biol.* 18 no. 10:107-110 O '88.
- Shabanov-Kashirskii, I. U. P. - Model of vision station and Oshkerson's law. *Trudy Gos. "Biol. i med. v. biol."* no. 3:88-90 '87.
- Shabanov, P. Kh. - Effect of cholinesterase inhibitors and the removal of the pons on posttensional potentiation of neuromuscular transmission. *Biol. eksp. biol.* 18 no. 10:111-114 O '88.
- Shabanova, L. P. - Changes in the metabolism of NAD and NADH in brain hemispheres of rats subjected to X-ray irradiation with relatively small doses (40 r). *Vestn. AN BSSR, Ser. biol. nauch.* no. 4:87-90 '88.
- Shchegolev, O. I. A. - Some characteristics of heart "escape" in prolonged stimulation of extracardiac nerves. *Shor. nauch. rab. KUMI* 4:3-7 '87.
- Shostak, V. I. - Mechanisms of the effect of intense plasma stimuli on the visual analyzer. *Kosm. biol. i med.* 3 no. 2:70-72 N-D '88.
- Shostakov, P. V., Ivanov, I. S., Valter, M. N. - Experimental study of penicillin encephalitis reactions in man. *Zhur. vyz. nerv. sist.* 18 no. 6:1073-1074 N-D '88.
- Shostakovskii, M. F., Niba, M. A. - Distribution of acetylcholine receptors in the axons of the human Langerhans cells. *Zhur. evol. biokhim. i fiziol.* 4 no. 5:549-554 S-O '88.
- Shostakovskii, V. M., and others. - Functional connections of the posterior hypothalamus and the amygdaloid complex with the somatomotor cortex. *Zhur. vyz. nerv. sist.* 18 no. 6:1075-1078 N-D '88.
- Sivtsov, V. V., Turvinskii, K. G. - Interference tolerance of human spatial activity. *Kosm. biol. i med.* 3 no. 2:73-76 N-D '88.
- Tamashchik, K. V., Odise, A. P. - Analysis of ocular serotonin-receptive structures of the glomerular reticular network. *Biol. eksp. biol.* 18 no. 10:115-119 O '88.
- Timkin, V. A., and others. - Quantitative changes in nuclear RNA in the cerebellum and cerebral cortex in rats at various stages of the formation of a conditioned reflex. *Zhur. vyz. nerv. sist.* 18 no. 6:1065-1072 N-D '88.
- Troshchinskii, V. A., Kravchenko, Zh. A. - Development of excitatory and inhibitory processes in white rats during ontogeny. *Zhur. vyz. nerv. sist.* 18 no. 6:1066-1069 N-D '88.
- Turpash, T. I., Bakharov, D. A. - Evolution of cholinergic transmission. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:483-484 S-O '87.
- Ushakov, G. P. - Participation of the hypothalamus in the activity of the visceromotor analyzer. *Zhur. vyz. nerv. sist.* 18 no. 6:1075-1078 N-D '88.
- Vorobiev, I. Q. - Contribution of Soviet physiologists to the study of psychomotor evolution of higher nervous activity. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:493-497 S-O '87.
- Vysotskii, K. B., Sharov, P. A., Shagina, T. M. - Significance of noradrenaline in the mechanism of the effect of psychotropic substances. *Biol. eksp. biol.* 18 no. 10:124-127 O '88.
- 612.1 (617.3) - Kirghiz S. S. R.
- Kamshorov, I. M. - Adrenocorticotrophic activity of the hypothalamus and the functional state of adrenal glands in rats during their adaptation to moderate elevations in Kirghizia. *Shor. nauch. rab. KUMI* 4:3-4 '87.
- 612.1 Health and hygiene
- Gorbunov, V. F. - Mixture of electrolyte and metabolic acids in the chamber of the epidermal papillae. *Voen.-med. zhur.* no. 12:61-62 N '88.
- Fra, Take care of yourself! *Otkr. trade i toki, strakh.* 11 no. 1:34-36 N '88.
- Vladimirov, S. V., and others. - Effectiveness of the spring forest rodent extermination in natural foci of hemorrhagic fever with renal syndrome in the city of Ufa. *Trudy TSNRI* no. 16 pt. 3:53-54 '87.
- 612.1 Climate
- Agapchikov, N. A., and others. - Characteristics of the changes in the gas exchange in acclimatized and residents of the plains during postnatal development. *Shor. nauch. rab. KUMI* 4:17-22 '87.
- Agapchikov, N. A., Davydov, G. A. - Characteristics of changes in the gas exchange in acclimatized and residents of the plains during postnatal development. *Shor. nauch. rab. KUMI* 4:17-22 '87.
- Alkayev, K. M., Alkayev, Kh. T. - Materials on seasonal changes in the morphology of the thyroid gland. *Shor. nauch. rab. KUMI* 4:23-24 '87.
- Avdeyev, M. F., and others. - Basal metabolism under alpine conditions in persons arriving from different climatic zones. *Shor. nauch. rab. KUMI* 4:7 '87.
- Berkovich, Z. I. - Changes in the gas exchange as a consequence of adaptive shifts of cellular respiration. *Shor. nauch. rab. KUMI* 4:13-14 '87.
- Brant, A. A., Mirzakhimov, M. M. - Gas exchange and morphology of the thyroid gland under alpine conditions. *Shor. nauch. rab. KUMI* 4:15-16 '87.
- Dezhnev, V. P., Shostakovskii, I. V. - Adaptation to hypoxia in thyroidectomized animals. *Shor. nauch. rab. KUMI* 4:16-17 '87.
- Dezhnev, A. D., Mirzakhimov, M. M., Tili, A. U. - Gas exchange in patients with chronic obstructive pulmonary disease under alpine conditions. *Shor. nauch. rab. KUMI* 4:17-18 '87.
- Golov, P. P. - Effect of antihypertensive agents on the intensity of inflammatory edema in a different season of the year. *Farm. i toki.* 31 no. 6:712-714 N-D '88.
- Gorbunov, N. V. - Seasonal fluctuations of lachrymation in diseases of the cardiovascular system and lungs. *Shor. nauch. rab. KUMI* 4:40-44 '87.
- Kashov, S. I. - Characteristics of the effect of streptokinase in cardiovascular diseases under alpine conditions. *Shor. nauch. rab. KUMI* 4:108-110 '88.
- Kashov, A. X. - Changes in the blood circulation following acute hemorrhage under alpine conditions. *Shor. nauch. rab. KUMI* 4:88-94 '88.
- Kashov, A. X. - Electrocardiographic shifts in animals following acute hemorrhage under alpine conditions. *Shor. nauch. rab. KUMI* 4:34-36 '87.
- Kashovskii, I. M. - Reactions of intact rats to small doses of ACTH, and of those subjected to prednisolone during a two-month period of adaptation to natural altitudes (2800 m). *Shor. nauch. rab. KUMI* 4:44-48 '87.
- Khakhria, I. M. - Improving the climatic health in the city of Frunze. *Shor. nauch. rab. KUMI* 4:7-8 '87.
- Kopylov, B. M., and others. - Changes in the functional state of the liver in white rats kept under alpine conditions. *Shor. nauch. rab. KUMI* 4:36-38 '87.
- Kopylov, B. M., and others. - Effect of the inhibitors of monoamine oxidase (pargiline) on some indices of the functional state of the liver and adrenal glands in white rats under alpine conditions. *Shor. nauch. rab. KUMI* 4:47-48 '87.
- Manin, M. I. - Treatment of dermatoses with griseofulvin under alpine conditions. *Shor. nauch. rab. KUMI* 4:108-110 '87.
- [Medical geography] *Med. geogr.* no. 11-12 N-D '88.
- Kirichikov, M. M. - Functional shifts in the body during swimming in low latitudes. *Voen.-med. zhur.* no. 12:63-64 N '88.
- Mirzakhimov, M. M. - Basal metabolism and the changes under alpine conditions. *Shor. nauch. rab. KUMI* 4:7-8 '87.
- Mirzakhimov, M. M., Orshchikova, D. I. A. - Adaptation of the myocardium to highlands. *Shor. nauch. rab. KUMI* 4:71-80 '88.
- Nikolov, A. U. - Visceral leishmaniasis in Kirghizia and Karakum Steppe of Azerbaijan, and the problem of its control. *Trudy Asorb. nauch.-issl. inst. med. paraz. i trop. med.* 6:109-123 '88.
- Shalaya, R. E. - Clinical and laboratory characteristics of the course of rheumatism under high-altitude conditions. *Shor. nauch. rab. KUMI* 4:74-78 '87.
- Shostakovskii, I. F. - Changes in pH of human skeletal muscles under conditions of chronic atropine. *Shor. nauch. rab. KUMI* 4:77-110 '87.
- Shostakov, P. A. - Human heat metabolism during adaptation to a desert. *Shor. nauch. rab. KUMI* 4:3-4 '87.
- Shostakov, P. A. - Some hemodynamic shifts in the process of acclimatization to a desert. *Shor. nauch. rab. KUMI* 4:118-123 '88.
- Shostakov, M. D. - Asymmetry of arterial pressure in hypertension under Gal-corra conditions. *Shor. nauch. rab. KUMI* 4:14-15 '87.
- Ushakov, A. A. - Subperiosteal regeneration of a tubular bone in white rats under high-altitude conditions. *Shor. nauch. rab. KUMI* 4:10-11 '87.
- Khif, M. S. - Characteristics of the course of chronic pneumonia in different climatic zones. *Voen.-med. zhur.* no. 11:63-64 N '88.
- 612.1 (617.3) - Armenia S. S. R.
- Kakharov, A. B. - Basal metabolism in persons living under the alpine conditions of Ararat. *Shor. nauch. rab. KUMI* 4:78-81 '87.
- 612.1 (617.3) - Kirghiz S. S. R.
- Dzhallalov, A. D. - Changes in the ventilation function of the lungs in the process of adaptation to Timan highlands. *Shor. nauch. rab. KUMI* 4:108-110 '88.
- 612.1 (617.3) - Kirghiz S. S. R.
- Dzhallalov, A. D. - Change in the histamine content in the blood and liver of rats under the effect of (oral) conditions of the city of Frunze and the alpine peak of Tsyg-Ashu (altitude 2800 m). *Shor. nauch. rab. KUMI* 4:38-41 '87.
- Filakov, L. G., and others. - Seasonal changes in a series of physiological functions in the human organism under the conditions of Kirghizia. *Shor. nauch. rab. KUMI* 4:118-123 '87.
- Isanbekov, D. I., Makova, S. I., Dzhallalov, A. D. - Circulation rate and venous pressure in patients with decompressed cardiac defects living in Frunze and in those having arrived from alpine regions. *Shor. nauch. rab. KUMI* 4:108-110 '88.
- Kalchakov, L. T., Bekbaev, R. B. - Thyroid function in sick and healthy residents of various altitudinal levels of Kirghizia. *Shor. nauch. rab. KUMI* 4:108-110 '87.
- Kashovskii, I. M. - Adrenocorticotrophic activity of the hypothalamus and the functional state of adrenal glands in rats during their adaptation to moderate elevations in Kirghizia. *Shor. nauch. rab. KUMI* 4:3-4 '87.
- Khamitov, S. Kh. - Morphology of the thyroid gland in residents of the Murghab-Kul Valley. *Shor. nauch. rab. KUMI* 4:124-126 '87.
- Lakshovich, A. V. - Coagulation of whole blood in prenatally healthy children under conditions Kirghizia Highlands. *Shor. nauch. rab. KUMI* 4:107-108 '87.
- Lakshovich, A. V. - Prothrombin index in prenatally healthy school-age children under alpine (city of Murghab) and Gal-Terran conditions (villages of Kirghizia). *Shor. nauch. rab. KUMI* 4:118-119 '87.
- Topilits, V. V., and others. - Study of the functional state of the skin in disease and persons under Kirghizia conditions. *Shor. nauch. rab. KUMI* 4:23-24 '87.
- Torshchikov, B. T. - Gas exchange and thermogenesis in native children of the alpine regions of northern Kirghizia. *Shor. nauch. rab. KUMI* 4:111-115 '87.
- Zhannov, M. Kh. - Average arterial pressure in school-age children under the conditions of the high-mountain (city of Murghab) and low-mountain (city of Frunze) regions of Kirghizia. *Shor. nauch. rab. KUMI* 4:118-119 '87.
- Zhannov, M. Kh. - Rate of the blood flow in school-age boys under Kirghizian alpine conditions, according to the occlusive method. *Shor. nauch. rab. KUMI* 4:108-110 '88.
- Zhannov, M. Kh. - State of the resistance of the capillaries, according to Shostakov's method, in school-age boys under Kirghizian alpine (city of Murghab) and Gal-Terran (city of Frunze) conditions. *Shor. nauch. rab. KUMI* 4:118-119 '87.
- 612.3 Dietetics. Feeding. Food
- Fal'kin, I. U. M. - Psychological processes of the human brain with a vitamin deficiency. *Trudy Kazakh. nauch.-issl. inst. ozk. i rad. i. 8:274-280 '87.*
- Vedov, I. I. - Parenteral feeding. *Kita. zhur.* no. 3:3-12 Ag '88.
- Kopylov, B. M. - Effect of nutrition on the quantity of lachrymation in the parotid, *Vrach. delo* no. 7:24-27 N '88.
- Pokrovskii, M. I., Taraschikov, A. P., Volynskii, V. M. - Effect of vegetative diet, including biomass of medicinal algae, on the excretion and balance of sodium elements. *Kosm. biol. i med.* 3 no. 2:78-81 N-D '88.
- Vanduseva, V. D. - Materials for the standardization of the oncotic intake in the diet of miners of the coal industry slopes. *Shor. nauch. rab. KUMI* 4:123-124 '87.

613.3(575.3)—Tajik S.S.R.
Koslovskaya, A. - For the record only. Otkr. trade 1
sots. strukh. 12 no. 14-15 Ja '68

613.4 Body care and cleanliness

Ochistka, A.A. - Experience in the use of orthophosphoric
insecticides for the control of lice. Trudy TSNiD
no. 18 pt. 1:13-17 '67.

613.5 Home hygiene

Bartenev, V.D., Sotkin, M.M. - Hygienic evaluation of
synthetic materials used in construction. Vrach. delo
no. 7:88-93 Ji '68.

Indicative and methodical indices in the control of
bedbugs. Trudy TSNiD no. 18 pt. 3:81-86 '67.

Pogodina, L.M., Brinkman, L.I., Kapinadze, N.I. -
Control of cockroaches with the aid of potassium salt.
Trudy TSNiD no. 18 pt. 3:13-18 '67.

613.6 Occupational and industrial hygiene

Agadzhanyan, N.A., Davydov, G.A. - Characters of
changes in the gas exchange in extreme degrees of the
thinning of the atmosphere. Sbor. nauch. rab. KGMi
47:21-31 '67.

Agadzhanyan, N.A. - Problems of space biology and medi-
cine at the Eighth Congress of the International Astro-
nautic Federation. Kosm. biol. i med. 3 no. 3:80-84
'68.

Balashov, V.L., Rozhnov, V.V. - Physiological prob-
lems connected with flights at low altitudes. Voen.-med.
skaz. no. 11:87-89 M '68.

Chirkov, S.B. and others. - Study of the oxidative-catalytic
method of mineralization of wastes in the systems of the
oxides of substances. Kosm. biol. i med. 3 no. 3:33-38
My-Je '68.

Kravchenko, V.V., Tsybikal, G.L., Boruchev, B.M. -
Melting of low-sulfur cast iron using neopentyl salts.
Metallurg 12 no. 12:12-13 D '68.

Gavrilov, A.A. - The "DB" welding agent for hydraulic
removal of dust. Metallurg 12 no. 12:11-12 D '68.

Oskolovskii, G.A. - Some data on the effect of antimony
on the myocardium. Sbor. nauch. rab. KGMi 40:184-
189 '68.

Gurka, L.S. and others. - Drug therapy and flight safety.
Kosm. biol. i med. 3 no. 3:72-77 O '68.

Kharin, L.M., Komolodnikov, P.P., Balasov, P.V. - Activ-
ity of the aviation and space medicine section of the
Moscow Physiological Society in 1967. Kosm. biol. i med.
3 no. 3:34-38 My-Je '68.

Kullov, K.L. and others. - Adaptive changes in the audi-
tory system of the radio operator during a long flight.
Voen.-med. skaz. no. 11:89-91 M '68.

Korshakina, L.P. - Cardiopulmonary effect of anoxia on the
root of the Ouz'yev Fishery Complex on the genitalia in
mice. Trudy Kazakh. nauch.-issl. inst. onk. i radiol.
3:263-264 '67.

Kravchenko, L.A., Oveschkin, V.G. - Effect of barbituric
and somatotropic hormones on mice in prolonged hypokinesia.
Kosm. biol. i med. 3 no. 3:7-12 My-Je '68.

Kristoforova, T.L. - Trepanation and work regimen in
mining operations in farming. Sbor. nauch. rab. KGMi
nauch.-issl. inst. travm. i ort. no. 8:8-12 '68.

Makarov, G.V., Babitskiy, A.G., Oskolovskiy, B.A. -
Third All-Union Symposium on the problem "Occupation-
al hygiene and the biological effect of electromagnetic
waves of different radiofrequencies." Voen.-med. skaz.
no. 11:90-91 M '68.

Melnichevskiy, R.K. - Combined action of carbon monoxide
and hydrogen sulfide. Vrach. delo no. 7:87-89 Ji '68.

Oskolovskiy, V.V. - Pneumodynamometer for the deter-
mination of neuroendocrine stress in pilots. Voen.-med.
skaz. no. 11:91 M '68.

Parik, V.V. and others. - Some results of the biomedical
experiment in the "Kosmos-110" biosatellite. Kosm.
biol. i med. 3 no. 3:7-14 My-Je '68.

Toshchikova, I.U.V. and others. - Spread, identification,
and conditions of movement of gray rats in coal mines
and in sewer systems of cities. Trudy TSNiD no. 18
pt. 1:44-74 '67.

Vodolov, E.L. and others. - Radiation hazards of pro-
longed space flights, and radiobiological studies. Kosm.
biol. i med. 3 no. 3:3-8 My-Je '68.

613.6(477)—Ukrainian S.S.R.

Chetverikova, V.M. - Prevention of septicemic skin
diseases due to microtrauma at the Dnepropetrovsk
Metallurgical Plant named after Karl Lysenko.
Klin. khir. no. 1:48-49 Ja '68.

613.6(478.38)—Armenian S.S.R.

Lalayan, R.L., Khachatryan, O.K. - Study of trepanation at
the Yerevan Plant named after S.M. Kirov during the
period 1965-1968. Sbor. nauch. rab. KGMi, nauch.-issl.
inst. travm. i ort. no. 13-16 '68.

Sarkisyan, G.T. - Burns at the Plant named after S.M.
Kirov and their prevention. Sbor. nauch. rab. KGMi,
nauch.-issl. inst. travm. i ort. no. 8:171-173 '68.

613.6(574)—Kazakh S.S.R.

Nazarenko, B.A. - Content of 3,4-benzopyrene in the air
of the large industrial centers of Kazakhstan. Trudy
Kazakh. nauch.-issl. inst. onk. i radiol. 3:44-48 '67.

613.7 Exercise, recreation, rest, sleep

Agadzhanyan, N.A., and others. - Characteristics of the
changes in the gas exchange in mountaineers and
residents of the plains during physical load. Sbor. nauch.
rab. KGMi 47:17-22 '67.

Balashov, B.G. - Functional and morphological changes in
the heart following maximum physical load under
experimental conditions. Sbor. nauch. rab. KGMi 40:
64-67 '68.

Balashov, B.G. - Importance of exogenous corticoster-
oids in adaptive possibilities of the organism under
muscle stress. Sbor. nauch. rab. KGMi 43:73-78 '67.

Balashov, B.G., Turendokova, V.R. - Glycemia following
adrenaline and insulin load under conditions of physical
activity. Sbor. nauch. rab. KGMi 43:75-77 '67.

Cherapakhin, M.A. - Effect of prolonged bed rest on the
muscular (tonic and proprioceptive reflexes) in healthy
persons. Kosm. biol. i med. 3 no. 3:43-47 My-Je '68.

Georgievskii, V.A., Mikhailov, V.M. - Effect of hypokine-
sia on blood circulation in man. Kosm. biol. i med. 3
no. 3:48-51 My-Je '68.

Gordovskii, G.A., Popov, I.U.P. - Experience in the
study of the role of a physical load in the development
of experimental pneumoconiosis. Sbor. nauch. rab.
KGMi 43:64-67 '67.

The instructor in methods of celliathetics in industry.
Otkr. trade 1 sots. strukh. 12 no. 14-15 Ja '68.

Kakurina, L.I. - Effect of prolonged restriction of muscu-
lar activity on the human body, and the hypokinetic com-
ponent of weightlessness. Kosm. biol. i med. 3 no. 3:
54-55 My-Je '68.

Korobov, A.V., and others. - Dynamics of orthostatic
stability in sportmen following 40-day hypokinesia.
Kosm. biol. i med. 3 no. 3:25-30 My-Je '68.

Korobova, A.A., Vlasovskiy, I.U.B. - Dynamics of thermal
disorders, excretion of creatinine, and the average
dermoepithelial layer in sportmen during prolonged
hypokinesia. Kosm. biol. i med. 3 no. 3:40-43 My-Je
'68.

Pashkova, M.M., Tishler, V.A. - Arterial tones in re-
lation to restricted muscular activity in man. Kosm.
biol. i med. 3 no. 3:64-65 My-Je '68.

Parshin, I.I., Petukhov, B.M. - Neurological changes
in healthy persons following two-month hypokinesia.
Kosm. biol. i med. 3 no. 3:61-65 My-Je '68.

613.7(471.383)—Leningrad City

Concisen for the rest of workers. Part skola' no. 18:
53 Ji '68.

613.8 Nurture and mental hygiene. Health and education,
nurture, behavior

Kalishvili, V.V. - Lobeline treatment of tobacco smoking
habit and the effect of lobeline on vegetative and vascular
reactions. Sbor. nauch. rab. KGMi 40:184-189 '68.

613.9 Hygiene in relation to race, age and sex

Petrov-Klimachov, M.A. - Techniques in guidance of labor
and the health of children. Akush. i gyn. 48 no. 8:4-9
M-D '64.

614 Public health and safety

Everything for the welfare of man. Akush. i gyn. 40
no. 8:3-4 M-D '64.

On the 50th anniversary of Soviet public health service.
Vest. khir. 108 no. 7:3-8 Ji '68.

Peisikov, B.M. - V.I. Lenin and Soviet public health. Vest.
khir. 108 no. 7:6-13 Ji '68.

Popov, G.A. - Current public health problems.
Farmatsia 17 no. 4:3-7 Ji-Ag '68.

Stadtskii, V.K. - Effect of social factors on the evolution
of infectious diseases. Uch. zap. TGU no. 70:126-
128 '68.

Tsigal'skiy, Y.A., Borikova, L.P. - Simplified techniques
of registration and tests for serological mass screening
of the population for leptospirosis. Trudy Asarb. nauch.-
issl. inst. med. param. i trop. med. 5:211 '68.

Yakubov, M.P., Chapigina, P. - On the 50th anniversary
of Soviet fire prevention. Bred. spets. obr. 16 no. 4:
38-37 Ap '68.

614(471.36)—Yaroslavl Province

Dreemov, A.I. - Premedical expertise. Otkr. trade 1
sots. strukh. 12 no. 14:1 Ja '68.

614(477)—Ukrainian S.S.R.

Shupik, P.L. - State and tasks of surgical service for
the population of the Ukrainian S.S.R. Klin. khir. no. 1:
2-15 Ja '68.

Shchepetovskiy, D.F. - Organization of and prospects
for the development of surgical services in the Ukrainian
S.S.R. Klin. khir. no. 2:3-8 F '68.

614(478.24)—Azerbaijan S.S.R.

Abasov, Kh.D. - Minimization of the risk of infection in its
intensive foot in Kazakh and Turk Districts of the Azer-
baijan S.S.R. Trudy Asarb. nauch.-issl. inst. med.
param. i trop. med. 5:20-25 '68.

Bagirov, G.A. - Times for aerodroming in the control of
larvae of mosquitoes of the genus Aedes in the Kara-
Arae Lowland of Azerbaijan. Trudy Asarb. nauch.-issl.
inst. med. param. i trop. med. 5:210-213 '68.

Bagramian, M.G., Miriyev, K.L., Ovezdali, M.A. -
Organization of therapeutic and prophylactic measures
and their effectiveness in the elimination of the popula-
tion of Leshora District from ankylostomiasis. Trudy
Asarb. nauch.-issl. inst. med. param. i trop. med. 5:24-
28 '68.

Dzhakhov, A.A. - Quarantine malaria and measures for its
prevention in the Azerbaijan S.S.R. Trudy nauch.-issl.
inst. med. param. i trop. med. 5:102-106 '68.

Gakhov, G.B. - Simple and accessible method of
mass treatment of cutaneous leishmaniasis. Trudy
Asarb. nauch.-issl. inst. med. param. i trop. med. 5:141-
148 '68.

Gorbachev, G.G. - Some results of the work on the
elimination of leishmaniasis in Lachin District.
Trudy Asarb. nauch.-issl. inst. med. param. i trop. med.
5:78-79 '68.

Kadimov, A.A. - Stages of studying malaria and its con-
trol in Azerbaijan. Trudy Asarb. nauch.-issl. inst. med.
param. i trop. med. 5:83-90 '68.

614(479.243)—Tajikistan S.S.R.

Guseinov, Kh.W. - Prevention of tick-borne spirochetosis
in the Tajikistan S.S.R. Trudy Asarb. nauch.-issl.
inst. med. param. i trop. med. 5:263-265 '68.

614(479.38)—Armenian S.S.R.

Pirumov, Kh.M. - Organizational systems of malaria
control and scientific methodological measures at
which have led to the elimination of malaria in the
Armenian S.S.R. Trudy Asarb. nauch.-issl. inst. med.
param. i trop. med. 5:81-84 '68.

614(571.34)—Tajik S.S.R.

Lazbovskiy, V. - In the land of Yakutia. Otkr. trade 1 sots.
strukh. 12 no. 14:3-15 Ja '68.

614(570.2)—Kirgiz S.S.R.

Khakhbina, I.M. - Improving the climate factors in the
city of Frunze. Sbor. nauch. rab. KGMi 43:7-8 '67.

L'yova, T.L. - Spread of scabies among schoolchildren
of Frunze. Measures prevention and treatment. Sbor.
nauch. rab. KGMi 46 no. 9:110-114 '67.

614(591)—Burmese

Kolashnikov, I.I. - Medicinal resources of the flora
and national medicines of Burma, and prospects for
their further study and use in scientific medicine.
Report No. 1. Trudy Len. khim.-farm. inst. 19:41-
243 '68.

614.3 Official and professional organizations

Kadrov, A.A. - Profile of a cardiologist. Kardiologiya
8 no. 6:67-70 M-D '68.

Lobanova, L.I. - Socialist competition, an effective means
of further work improvement of pharmaceutical institu-
tions. Farmatsia, shch. 23 no. 3:11-13 '68.

Magnitskiy, S.M., Shakhbina, O.L. - Organizational
experience and results of prophylactic gynecological
screenings with the use of colposcopy and cytological
examination. Trudy Kazakh. nauch.-issl. inst. onk. i
radiol. 3:284-290 '67.

Tulebekov, D.T. - Results of serological screening of
separate population groups for Q riketsiosis. Sbor.
nauch. rab. KGMi 45:70-73 '67.

Zaborovskiy, L.T., Spivak, F.L. - More consideration to
be given to the planning of pharmacy network. Farmar-
tsov. skaz. 23 no. 3:3-5 '68.

614.3(477.38)—Transcarpathia

Skrynnik, G.D. - Control of gonorrhea in Transcarpathia.
Klin. khir. no. 1:86 Ja '64.

614.3(571.58)—Chita Province

Khabarov, A.A. - Activity of Chita Province Control and
Analytical Laboratory. Farmatsia 17 no. 4:81-83
Ji-Ag '68.

614.3 Food, drugs, health and sanitary inspection, experiments and control

Kolokolov, S.P. - Characteristics of wheat bran radiation
sterilization. Trudy VNIIS no. 16:41-44 '68.

614.7 Air, soil and water hygiene and sanitation. Pollution. Damage

Atropetian, G., Orkutskaia, Kh., Arustamian, R. -
Neutralizing and utilization of industrial waste gases
containing sulfur. Prom. Arm. 16 no. 8:20-21 '68.

Guseinov, G.A., Tulev, S.M., Kuliev, M.D. - Pollu-
tion of the external environment with eggs of Ankylostoma
and other helminths in ankylostomiasis. Trudy
Asarb. nauch.-issl. inst. med. param. i trop. med. 5:47-
48 '68.

Kal'shik, G.M., Meadrov, B.A. - Case of acute cyanosis
starvation in an isolated respiratory apparatus. Voen.-
med. skaz. no. 11:71-73 M '68.

Shchegolev, V.S. - Effect of prolonged stay in pressure
environment with increased carbon dioxide content on
the organism. Voen.-med. skaz. no. 11:61-63 M '68.

614.7(478.34)—Azerbaijan S.S.R.

Guseinov, M.V., Meadrov, S.G., Karimova, Y.A. -
Distribution of helminth eggs in the bottom sediments of
water areas of the Baku Bay. Trudy Asarb. nauch.-issl.
inst. med. param. i trop. med. 5:68-71 '68.

614.7(479.38)—Armenian S.S.R.

Arustamian, P. - Effect of operating conditions of motor
vehicles on air-pollution in the city of Yerevan. Prom.
Arm. 16 no. 8:64-67 '68.

614.8 Accidents: prevention, protection, safety

At the Ministry of Higher and Secondary Specialized
Education of the U.S.S.R. and the central Committee of
the trade union. Vest. vyz. shkoly 26 no. 16:87 O '68.

Dubrovskiy, V.V. - Injuries in transportation as one of the
causes of post-traumatic disability according to materials
of the Medical Commission for the Determination of
Disability of the City of Frunze. Sbor. nauch. rab.
KGMi 46 no. 8:88-91 '67.

Pishchakov, A.I.A. - Injuries to the organs of the small
pelvis and abdominal cavity due to a fall on a picket.
Klin. khir. no. 2:77-78 F '68.

Kolyski, A.L. - Legal regulation of protection against
ionizing radiation. Rev. gos. i pravu no. 11:103-108
M '68.

- Trakman, I. G. - Preparation of novogalenols from the leaves of *Strophia platyfolia*. *Sbor. nauch. tr. TSANI* 8:147-149 '64.
- Yroshenko, A. Y., Povolotskaya, M. M. - *Hammaria* note-II from *Myrica alopecuroides*. *Klin. protod. soed.* no. 3:75-76 '67.
- Tuganov, S., and others. - Combined production of fermentation and hormone preparations manufacturing from the pancreas. *Mos. ind. 6652* 38 no. 12:9-11 D '68.
- Vasileva, M. M. - Dynamics of the content of serum lipids in patients with systemic lupus erythematosus under steroid treatment. *Sbor. nauch. tr. KIMI* 41:75-83 '67.
- Vorobey, O. M., Kuznetsov, K. P. - Effect of lincosolide (Lincosultam L.) on morphokinetic changes in pancreatic cells in the initial form of alloxan diabetes. *Dial. eksp. biol. med.* 68 no. 10:112-118 O '68.
- Vorobey, A. A. - Treatment of chronic inflammatory diseases of female genitalia by subcutaneous administration of native plasma. *Alksh. i g. 40* no. 6:83-85 N-D '64.
- Zaitseva, T. A., Shukova, K. I. - Isolation of labeled thymidine into hepatic cells in mice following preliminary effect of corticoids. *Dial. eksp. biol. med.* 68 no. 10:85-97 O '68.

815.4 Practical pharmacy. Medicines. Instruments

- Alksh. M. T. - Some data on the use of polyorganosilicone lipids as the components of the bases of ointments and liniments. *Sbor. nauch. tr. TSANI* 8:7-14 '64.
- Amankova, A. I. - Nature of hemorrhages following the application and removal of a tourniquet. *Sbor. nauch. tr. KIMI* 41:127-130 '67.
- Astashevskiy, A. A. - Bone holder for osteosynthesis of tibial bones. *Sbor. nauch. tr. Evro. nauch. -l. inst. trum. i ort.* no. 8:180-170 '65.
- Bashkova, P. D., Chichaya, K. V., Tikhonova, M. A. - Vacuum-perforator - extractor. *Alksh. i g. 40* no. 6:128-134 N-D '64.
- Bashkova, P. D., Zhukov, Y. A., Tikhonov, N. V. - Use of anochrous esters of higher fatty acids as ointment bases. *Pharmaz. zh.* 23 no. 3:75-81 '68.
- Borodov, I. E., Shvachko, S. M. - Effect of twin 80 on the uniformity of the distribution of tablet density. *Pharmaz. zh.* 23 no. 3:81-83 '68.
- Bul'varova, K. L., and others. - Study of microbial immunization and preservation of ointments and eye drops prepared aseptically. *Sbor. nauch. tr. TSANI* 8:75-84 '64.
- Bul'varova, K. L., and others. - Study of the sterilization condition of thermostable powders. *Sbor. nauch. tr. TSANI* 8:85-87 '64.
- Chikiro, V. M. - Identification and quantitative determination of alkaloids in a dry extract of *Thermopsis lanceolata*. *Sbor. nauch. tr. TSANI* 8:167-173 '64.
- Chikiro, V. M. - Use of chromatography in a thin layer of adsorbent for identification of some alkaloids containing thiazole and extracts in medicinal mixtures. *Sbor. nauch. tr. TSANI* 8:183-184 '64.
- Davydova, V. A. - Stabilization of the concentrated solutions of novocaine. *Sbor. nauch. tr. TSANI* 8:106-114 '64.
- Gapov, M. V., Donigovich, M. L. - Arrow-type right stretcher. *Klin. khir.* no. 8:83-84 M '68.
- Golubev, I. G., Kotov, A. I., Labutin, V. A. - Drying of penicillin in an air-stream drying unit. *Khim. farm. zh.* 1 no. 13:17-18 D '68.
- Gribova, G. P. - Study of the emulsifying characteristics of some surface-active substances stabilizing the emulsion obtained from the water-in-oil type. *Pharmaz. zh.* 23 no. 4:153-154 JI-Ag '68.
- Ishkin, D. M. - Tracheotomy with the insertion of a bronchoscope tube in compressive tracheal stenosis. *Klin. khir.* no. 1:78 Ja '63.
- Ishkin, D. M. - Syphon-type vacuum syringe with triple control. *Klin. khir.* no. 6:74 M '68.
- Kashitov, M. A., Loshakov, P. M., Rytkin, K. S. - Qualitative determination of the total amount of lactones and taurine in *Anticollin* taurine. *Klin. protod. soed.* no. 3:83-85 '67.
- Kolesnikov, S. A., and others. - Surgery on the heart using the Soviet artificial circulation apparatus AIK-68 constructed by the Scientific Research Institute of Experimental Surgery Equipment and Instruments. *Grad. khir.* 7 no. 6:7-8 M-D '68.
- Kuznetsov, B. V., and others. - Physicochemical properties and pharmacological activity of alkaloid hirsutiopeta. *Pharmaz. zh.* 23 no. 3:73-75 '68.
- Kuznetsov, G. E., Shokhovich, L. Y. - New burette apparatus. *Sbor. nauch. tr. TSANI* 8:123-126 '64.
- Mal'fuk, I. A. - Clamp-clipper for blood vessels and peripheral nerves. *Klin. khir.* no. 6:80 Ja '64.
- Mironova, V. A., Ignatova, M. S. - Study of some brands of rubber tubes in order to select the most promising for their use in pharmacological practice. *Sbor. nauch. tr. TSANI* 8:148-151 '64.
- Mironova, V. A., Sedova, K. D. - Study of the effect of rubber cords of I-84 and Y-84 samples on alcohol. *Sbor. nauch. tr. TSANI* 8:143-145 '64.
- Molodtsov, B. L., Sokova, T. M. - Qualitative analysis of some multicomponent drug mixtures by thin layer chromatography. *Pharmaz. zh.* 23 no. 3:86-88 '68.
- Mukina, L. I., and others. - Sterilization of auxiliary materials by steam at different pressures. *Sbor. nauch. tr. TSANI* 8:88-94 '64.
- Orlovskiy, K. G. - Bone fragment retractor in forearm fractures. *Klin. khir.* no. 1:80-81 Ja '68.

- Platnitsky, I. A. - Possibilities of alloplasty on veins under experimental conditions. *Klin. khir.* no. 3:18-23 M '62.
- Polishov, M. G., Belov, O. L. - Study of the effect of kochia extract on blood pressure and breathing of rats. *Sbor. nauch. tr. TSANI* 8:134-137 '64.
- Polishov, M. G. - Biological evaluation of the activity of medicinal mixtures. *Sbor. nauch. tr. TSANI* 8:166-169 '64.
- Ruboy, A. M. - Flutography apparatus. *Klin. khir.* no. 3:81-82 M '62.
- Sedova, K. D., and others. - Study of the effect of rubber cords of samples I-84 and Y-81 on quality of injection solutions during the storage. *Sbor. nauch. tr. TSANI* 8:144-146 '64.
- Stepanov, M. A., Orlovskiy, S. V., Kolesova, M. A. - Esophagectomy in tumors of the esophagus in children. *Klin. khir.* no. 5:81-83 M '64.
- Tikhonova, Y. I., and others. - Unit for continuous thermal weak of ampoules and four cooling them with sterile air. *Khim. - farm. zh.* 1 no. 13:43-45 D '68.
- Tikhonova, S. I. - Use of the diagnostic scintillation apparatus (DSU-81) in the clinic for internal diseases. *Sbor. nauch. tr. KIMI* 41:103-108 '68.
- Tkachenko, M. M., Zykova, N. I., Pivovarov, P. P. - Anatomical structure of *Baginella unguiculata* Oert. fruit. *Pharmaz. zh.* 23 no. 3:100-102 '68.
- Trakman, I. G. - Study of nitrogen bases of *Strophia platyfolia*. *Sbor. nauch. tr. TSANI* 8:174-181 '64.
- Vachadze, I. K. - Immediate and late results of surgical treatment of cervicovaginal fistulas (with and without the use of drainage of the uterine cavity). *Alksh. i g. 40* no. 6:104-107 N-D '64.
- Vasileva, M. M., Vasil'eva, S. F., Mestrop, G. M. - Mechanization of washing the pharmacological prescription wares. *Sbor. nauch. tr. TSANI* 8:117-123 '64.
- Vilov, A. V., and others. - Concentration of solutions containing thermolabile and forming substances. *Khim. - farm. zh.* 1 no. 13:46-47 D '68.
- Vovodin, M. M. - Modern forms of organization of the pharmaceutical industry in capitalist countries. *Khim. - farm. zh.* 1 no. 13:53-54 D '68.

81.4(477)—Ukrainian S. S. R.

- Kozlov, F. A., Tikhonov, V. V. - Quality control of chlorophyll of the *Klamov* Scientific Research Chemical and Pharmaceutical Institute. *Khim. - farm. zh.* 1 no. 13:48-51 D '68.
- 815.7 Drugs according to action. Chemotherapy
- Abdrakhmanov, Sh. M., Miron, M. S., Gornov, M. I. - Combined effect of cobalt, copper, and iron preparations on the composition of blood in patients under large focus skin chemisorption. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 3:70-86 '67.
- Agapova, E. M., Vashchenko, S. Kh. - Drinking of radon water in conjunction with x-ray therapy in the treatment of acute and subacute forms of lymphocytic leukemia. *Sbor. nauch. tr. KIMI* 41:153-156 '67.
- Alksh. O. A. - Comparative evaluation of the methods of qualitative determination of alkaloids based on light absorption measurement. *Pharmaz. zh.* 23 no. 3:88-97 '68.
- Alksh. O. A., I. P. - Hemorrhagic syndrome and fibrinolysis due to prednisolone therapy in some children's diseases. *Sbor. nauch. tr. KIMI* 41:113-118 '67.
- Aliev, A. M., Balasov, M. A. - Study of alkaloids derived from *Vicia hirsuta* W. et K. growing in the Azerbaijan S. S. R. *Pharmaz. zh.* 23 no. 4:153-157 JI-Ag '68.
- Allova, S. I., Shakhmurov, M. A., Pashkova, M. I. - Hematology and some metabolic indices during chemotherapy treatment of visceral leishmaniasis. *Trudy Azerb. nauch. -l. inst. med. nauch. i trum. med.* 6:116-118 '68.
- Alksh. M. T. - Some data on the use of polyorganosilicone lipids as the components of the bases of ointments and liniments. *Sbor. nauch. tr. TSANI* 8:7-14 '64.
- Alksh. L., Vahing, V., Lapin, I. P. - Effect of direct introduction of mediators and preparations influencing their metabolism into the amygdala, septum, and hypothalamus in rats. *Zh. vyz. nerv. det.* 18 no. 6:144-148 N-D '68.

- Andreanov, A. S., Krasovskiy, O. A. - Effect of pyrogonal and its simultaneous use with lidocaine on the morphological and physiological picture of a completely intersected spinal cord. *Sbor. nauch. tr. Evro. nauch. -l. inst. trum. i ort.* no. 8:181-186 '65.
- Andreanov, I. G. - Mathematical calculation of pH of buffer solutions for chromatographic separation of the mixtures of alkaloids and organic bases. *Sbor. nauch. tr. TSANI* 8:108-109 '64.
- Amankova, M. A., Bazarov, P. H. - Some data on a general pharmacology of 8K glycoside. *Pharmaz. zh.* 23 no. 3:89-92 '68.
- Amankova, M. A., Bazarov, P. H., Bazarovskiy, S. B. - Preliminary data of the use of viscous as a radio-sensitizer in the treatment of esophageal tumors. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 4:119-121 '67.
- Amankova, M. A. - Effect of the nervous system on the structure of the thyroid gland in prolonged administration of potassium iodide to the organisms of rats. *Sbor. nauch. tr. KIMI* 41:108-112 '67.
- Arbuzov, V. I. - Content of sugar and adrenaline in the blood, and 17-ketosteroids in the urine, of patients with eczema, following pyrogonal treatment. *Sbor. nauch. tr. KIMI* 41:106-112 '67.

- Arushanov, K. B., Zavalov, A. V., Mal'chuk, P. V. - Effect of corazol on the activity of intermediate neurons of the brain. *Dial. eksp. biol. med.* 68 no. 10:48-53 O '68.
- Asakova, S. A., Gorbunova, A. I., Polinskaya, O. F. - Effect of antibiotics on soluble cotton carbohydrates. *Ukh. biol. khim.* 13 no. 4:69 '68.
- Balashova, S. Sh., Arsenyukova, K. S. - Methodology of regional chemotherapy in mesothelial tumors. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 3:94-99 '67.
- Bakina, M. E., and others. - Use of vitamins P-quercetin and "Carvillip" in radiation sickness in rats. *Sbor. nauch. tr. KIMI* 41:17-26 '67.
- Balashov, K. P., Voklar, I. G. - Influence of the antihypertensive effect of alkylating preparations with the aid of radioisotopes on the protective reactions of the connective tissue system. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 3:101-106 '67.
- Bashchikov, V. M., and others. - Selection of the ways of introduction, and methods of producing tryptophan and tyrosine. *Zh. vyz. nerv. i psikh.* 68 no. 11:1719-1723 '68.
- Bashkova, P. D., Zhukov, Y. A., Labutin, N. V. - Use of anochrous esters of higher fatty acids as ointment bases. *Pharmaz. zh.* 23 no. 3:75-81 '68.
- Bashchikov, V. M. - Microflora of trophic ulcers treated with fibrinolysin. *Vest. khir.* 18 no. 7:88-89 JI '68.
- Bashchikov, V. M. - Importance of exogenous corticosteroids in adaptive possibilities of the organism under muscle stress. *Sbor. nauch. tr. KIMI* 41:73-75 '67.
- Bashchikov, V. M., Vashchenko, S. Kh. - Glycolysis following adrenaline and insulin load under conditions of physical activity. *Sbor. nauch. tr. KIMI* 41:75-77 '67.
- Bashkova, P. D., Sprits, A. M. - Clinicochemical study of mental disorders occurring during the use of amylol (Dexametol). *Zh. vyz. nerv. i psikh.* 68 no. 11:1823-1824 '68.
- Belokova, R. B. - Some characteristics of the course and treatment of Addison's disease in conjunction with other diseases. *Sbor. nauch. tr. KIMI* 41:147-149 '67.
- Belov, O. L., Blagovidova, I. U. A. - Preparation of liquid drugs containing berberine acid derivatives. *Pharmaz. zh.* 23 no. 4:155-161 JI-Ag '68.
- Bilchikov, V. P. - Comparative characteristics of the basic variants of accelerated methods for the determination of the response of bacteria to antibiotics. *Voen. - med. zh.* 18 no. 12:55-60 D '68.
- Bobrova, L. M., Rukhmanov, M. R. - Use of stenosin in clinical aspects of renal status. *Prat. nefrologiya. eksp. i.* no. 6:78-79 '62.
- Bolshova, S. R. - Effect of some pyrimidine derivatives on the growth of transplantable tumors in animals. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 3:106-109 '67.
- Bolshova, S. R. - Study of the combined effect of X rays and chemopreparations on transplanted tumors in animals. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 4:143-145 '67.
- Borisev, V. G. - Use of x-ray relaxants in intravenous anesthesia. *Klin. khir.* no. 6:64-66 Ag '63.
- Borisev, V. G., Shvachko, S. M. - Effect of twin 80 on the uniformity of the distribution of tablet density. *Pharmaz. zh.* 23 no. 3:81-83 '68.
- Botvinnik, G. I., Kuznetsov, V. M., Kuznetsov, B. K. - Comparative effectiveness of various pharmacotherapeutic drugs in peptic ulcer. *Vrach. delo* no. 7:4-7 JI '68.
- Chelchik, S. G., Laidov, R. I. A. - Mathematical description of a continuous ion exchange process as an automation objective. *Klin. nauch. i trum. med.* no. 6:120-124 '68.
- Chelchik, S. G. - Treatment of septicopycemic forms of acute hemogenous osteomyelitis in children. *Klin. khir.* no. 3:83-87 M '64.
- Chikiro, V. M. - Identification and quantitative determination of alkaloids in a dry extract of *Thermopsis lanceolata*. *Sbor. nauch. tr. TSANI* 8:167-173 '64.
- Chumakov, M. S. - Effect of treatment of peptic ulcer. *Vrach. delo* no. 7:155-156 JI '68.
- Corvelot, Pharmaz. zh. 23 no. 4:153-157 JI-Ag '68.
- Cycolonetheside. *Pharmaz. zh.* 23 no. 4:153-157 JI-Ag '68.
- Davydova, V. A. - Stabilization of the concentrated solutions of novocaine. *Sbor. nauch. tr. TSANI* 8:106-114 '64.
- Daviesova, M. I., Fedina, V. A., Lisharova, M. F. - Antineoplastic chemo- and radiotherapy in the treatment of malignant neoplasms. *Trudy Kazakh. nauch. -l. inst. inst. onk. i radiol.* 3:126-129 '67.
- Dedko, M. E., Marolia, B. A., Puzanov, I. U. A. - Effect of the new antineoplastic agent (O-phenanthrol) in experimental alloplasty on the abdominal portion of the tortoise. *Klin. khir.* no. 3:86-88 M '63.
- Frenel, V. B., Vasilov, G. M. - Use of diethyl stilbene for the production of biopolymer. *Trudy VNIIS* no. 6:1-10 JI '68.
- Frolova, V. V., Kuznetsov, U. A. - Metabolism changes and cardiac reactions in experimental pituitary-induced coronary insufficiency. *Kardiologiya* 8 no. 6:47-51 M-D '68.
- Gedenstein, M. I., Davidovskiy, M. M. - Pharmacological characteristics and therapeutic effectiveness of the new antihypertensive agent (stabilizer) of the literature. *Kardiologiya* 8 no. 6:71-74 M-D '68.
- Gorovskiy, I. Kh., Bagdasarian, M. P. - Foot myositis in the U. S. S. R. *Klin. khir.* no. 1:81-87 Ja '64.
- Gladkovskiy, E. M. - Use of pyrogonal in the treatment of inflammatory processes of the internal female genitalia. *Alksh. i g. 40* no. 6:86-91 N-D '64.
- Gladkovskiy, E. M., and others. - Study of the solubilization of essential oils. *Pharmaz. zh.* 23 no. 4:155-161 JI-Ag '68.

Orlovskiy, A.I., and others. - Steroid hormones. *Klin. zhur.* no. 4:44-52 Apr '84.

Orlovsky, V.P. - Mixture of ethylene oxide and methyl bromide in chamberless disinfection of Epidermophyton-inhabited footwear. *Voen.-med. zhur.* no. 12:85-89 Dec '83.

Parulov, V.I., Prokhorovskiy, A.S. - Use of pseudotuberculation for obtaining tablet granulates. *Farmazist, zhur.* 23 no. 3:85-89 '83.

Pavlov, O.M. - Use of vecuronium in esophageal disorders during neoplasia. *Al'makh. i ghn.* 40 no. 8: 144-145 N-D '84.

Pavlov, S.I. - Characteristics of the effect of streptase - this in cardiovascular insufficiencies under alpha conditions. *Stor. nachr. rub. KVM* 42:108-110 '84.

Rufkide, A.P. - Clinical use of sodium bromide in acute latental obstruction. *Klin. zhur.* no. 2:27-31 Apr '83.

Simpson, M.A. - Clinical aspects of rheumatic pneumothorax. *Stor. nachr. rub. KVM* 42:133-135 '84.

Isanova, L.V., Gerasimov, N.B. - Antitoxic properties of water extraction from the ovary of *Rana temporaria*. *Vest. LGU* no. 11:21-23 N '84.

Shibayev, O.K., Kopylov, A.K. - Conditions of the formation of resistance of experimental tumors to some chemopreparations. *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 3:343-346 '87.*

Kabiev, O.K. - Radiosensibilization from the P and K vitamin groups. *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 4:123-127 '87.*

Kuleva, O., Oskubina, R. - Improved method for quantitative determination of tyrosine sulfate in eye drops. *Farmazist, zhur.* no. 4:44-55 Jan '84.

Kuliyev, I.T., Lyutskanov, R.G. - Peripheral innervation of the thyroid in thyrotoxicosis before and during radioactive iodine treatment. *Stor. nachr. rub. KVM* 43:123-124 '87.

Kuliyev, V.V. - Lobeline treatment of tobacco smoking habit and the effect of lobeline on vegetative and vascular reactions. *Stor. nerv. i psich.* 81 no. 12:1044-1070 '83.

Kushchikov, P.A., Volynets, E.R., Paliy, L.R. - Test-aliquots of the histamine test of gastric secretion. *Vrach. delo* no. 7:49-51 J '84.

Kuznetsov, L.N. - Reactions of intact rats to small doses of ACTH, and of those subjected to prednisolone during a five-month period of adaptation to natural alights (23°C) m. *Stor. nachr. rub. KVM* 43:44-46 '87.

Kuznetsov, N.A., Kholobavskiy, K.M. - Pyrogenal treatment of psoriasis. *Vrach. delo* no. 7:134-137 J '86.

Kupala, S.L. - Conceptual analysis of percutaneous sensitivity to chlorides treated with non-steroidal and anticholinergic introduction of anticholins. *Khur. nerv. i psich.* 84 no. 10:1413-1417 '83.

Kislov, M.I. - Experiments in chemoprotection of antihemorrhoidal. *Stor. nachr. rub. KVM* 43:54-10 '87.

Kopylov, R.P. - Epileptic effect of the evaluation of some radiosensibilizers. - *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 4:346-117 '87.*

Kopylov, R.M., and others. - Effect of the histidine anionomalous case (apewild) on some indices of the functional state of the liver and adrenal glands in white rats under normal and decreased barometric pressures. *Stor. nachr. rub. KVM* 43:47-48 '87.

Korotkiy, I.T. - Spectrophotometric study of some series of anticholins in the region of ultraviolet spectra. *Farmazist, zhur.* 23 no. 3:54-55 '84.

Kotova, D.G. - Experience in outpatient chemotherapy in ovarian tumors. *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 3:103-107 '87.*

Kovalchuk, T.V., Tarkovskiy, M.M. - Spectrophotometric determination of some sympathomimetic substances. *Farmazist, zhur.* 21 no. 3:143-145 '82.

Kozlovskiy, I.U. - Local record data is prolonged action of penicillin. *Vrach. delo* no. 7:173-175 J '86.

Krasnoshchekina, V.A., Popov, S.A. - Local antibiotic effect of some antiseptic preparations on Eshel'skiy - aschitis carotidis in white mice. *Stor. nachr. rub. KVM* 43:107-108 '87.

Kupayev, V.Y. - Anaptychic acid in antibiotic therapy. *Vest. LGU* no. 7:157-158 J '86.

Kuzin, M.I., Goshkov, V.I., Potokov, P.M. - Use of antibiotics in rheumatology. *Vest. khir.* 18 no. 7: 188-193 J '86.

Larionov, L.P. - State and aspects of chemotherapy in course of the gastroenterological tract. *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 3:171-175 '87.*

Lashchinskaya, E., and others. - Treatment of inflammatory diseases of the uterus with by intravaginal administration of antibiotics and hydrocortisone (hydrocortisone). *Al'makh. i ghn.* 40 no. 8:44-46 N-D '84.

Lazarov, M.V., Likhachev, R.L. - Regeneration stimulants and anabolic compounds. *Klin. zhur.* no. 12:18-18 Ju '83.

Likhacheva, R.P. - Changes in the blood coagulation and antithrombotic systems in rheumatic cardiac defects. *Trudy Kazakh. nauch.-issl. inst. onk. i rad. 3:27-37 '87.*

Lopatin, V.L., Doroshova, V.L. - Terbutaline determined venous and phlebocirculation. *Farmazist, zhur.* 21 no. 4:86-91 J-Jug '86.

Lupichuk, E.A. - Anesthetics chlorides increasing increase of the resistance to hemorrhages. *Stor. nachr. rub. KVM* 43:13-14 '87.

Makarevich, L.G. - Late phases of viral hepatitis in patients treated with acamprol. *Trudy Azerb. nauch. inst. med. med. para. i trop. med.* 3:108-117 '86.

Martyn, N.L. - Treatment of dermatomycoses with griseofulvin under alpha conditions. *Stor. nachr. rub. KVM* 43:208-209 '87.

Mazurek, V.M., Gerasimovskiy, R.I. - Trade delirium following the use of anaptychic in the treatment of children with anaptychic diseases. *Stor. nerv. i psich.* 86 no. 10:1044-1071 '83.

1. P. N., et al. - Case of asphylophobic shock following administration of penicillin. *Vrach. delo* no. 7:123-123 JI '66.

2. Medvedev, K. I., A. O. - Caprimetric determination of ironocytin and asphylophobic in preparation and drug forms. *Parazitov. zhur.* 23 no. 3:50-50 '66.

3. Medvedev, K. I., et al. - Effect of digitalis preparations on some functions of the liver. *Vrach. delo* no. 7:123-123 JI '66.

4. Medvedev, K. I., M. I., K. I., A. O. - Progesterone in the treatment of cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. oncol. i radiol.* 3:204-209 '67.

5. Mikhailov, V. A., et al. - Clinical use of x-rayeal radiations in patients with thrombocytosis and leukocytosis. *Klin. khir.* no. 4:14-14 Ap '64.

6. Mikhaylov, T. I., M. I., G. A. - X-rayeal treatment of hypertension. *Zhur. step. i klin. med.* 5 no. 6:23-23 '66.

7. Morozov, N. S. - Treatment of traumatic burns by injections of hydrocortisone. *Vest. khir.* 126 no. 7:76-76 JI '66.

8. Muraviev, B. M., Kablev, O. K. - Study of the radio-sensitizing properties of leucocytocytocytosis and antibiotics. *Trudy Kazakh. nauch.-issl. inst. oncol. i radiol.* 4:134-137 '67.

9. Novikov, M. A. - Trypsin in the treatment of thrombocytosis. *Klin. khir.* no. 2:13-13 P '63.

10. Pashkovskiy, V. P. - Anesthetics of Zakharia-Read cone in suprarenal cysts. *Klin. khir.* no. 4:93 Ap '64.

11. Pavlov, G. G. - Use of alcohol in surgical practice. *Vest. med. zhur.* no. 11:56-56 M '63.

12. Pashkovskiy, V. G., Kiseleva, K. A. - Effect of some factors on the activities of the bioglycolysis of hexose by hexokinase. *Trudy VNIIS* no. 2:120-123 '66.

13. Pizgalskiy, A. A. - Acute poisoning with chlorophyll. *Vrach. delo* no. 7:123-123 JI '66.

14. Petrovskiy, M. A. - Permeability of omentum through the hematoendothelial barrier. *Ann. med. i path.* 63 no. 12:1474-1477 '65.

15. Pechenkin, L. G., Porokina, M. G., Kozlov, A. K. - Combination of massive irradiation with intra arterial introduction of chemopreparations in the treatment of sarcomas of the extremities. *Trudy Kazakh. nauch.-issl. inst. oncol. i radiol.* 3:224-226 '67.

16. Polakov, A. T., Shukin, D. K., Druzhnikov, M. V. - Some adrenocortical functions in surgery under autonomic intratracheal ether narcosis and inhibition of vegetative reflexes during corticosteroid treatment. *Klin. khir.* no. 1:32-32 Ju '63.

17. Rukhovich, I. V. and others. - Antibacterial action of substances isolated from bark oak. *Uch. biol. zhur.* 13 no. 4:118-118 '62.

18. Shapoval, I. I. - Spectrophotometric determination of chlorophyll. *Parazitov. zhur.* 23 no. 3:50-50 '66.

19. Shapovalov, V. A., Tikhov, A. A. - Tuberculous nodules in patients with tumorous and preneoplastic diseases. Report No. 2. *Trudy Kazakh. nauch.-issl. inst. oncol. i radiol.* 3:204-203 '67.

20. Shcherba, R. - Effect of trimethoprim on an asphylophobic experiment. *Russ. akad. nauch. KOMI* no. 10:11-11 '66.

21. Shcherba, V. K. - Effect of neurotropic substances with central action on conditioned reflex hypersecretion of ACTH. *Bull. step. i med. i med.* 63 no. 1:82-82 '66.

22. Shcherba, R. A. - Hyperemia in the case of asphylophobic for the treatment of children. *Zhur. nerv. i psich.* 63 no. 10:1271-1271 '66.

23. Shcherba, P. A. - Morphological analysis of some atrophic lesions of central nervous. *Zhur. nerv. i psich.* 66 no. 11: 1704-1710 '66.

24. Shukin, K. V., Kozlovskiy, L. M. - Use of meconocytin in surgery. *Vest. khir.* 126 no. 7:68-68 JI '66.

25. Shukin, V. M., Kozlovskiy, L. M. - Incompatibility of alkaloids and synthetic organic bases. *Zhur. nauch. i med. TRAMU* 1:140-144 '64.

26. Shcherba, Medvedev, R. - Verifying the specificity of myocytocytosis by means of tracers labeled with methylene cyanide. *Russ. med. nauch. KOMI* no. 10:64-67 '66.

27. Shcherba, V. I. - Effect of antibiotics and antibiotics on the autoxidation of microorganisms in paraffins. *Klin. khir.* no. 5:11-11 May '63.

28. Shcherba, M. A., Kiselev, M. D., K. I., K. I., K. I. (oleop) treatment of asphylophobic. *Trudy Akad. nauch.-issl. inst. med. parat. i trop. med.* 6:73-74 '66.

29. Shcherba, M. A., Kiselev, M. D. - Use of hydrogen peroxide in the treatment of leucocytocytosis. Report No. 2. *Trudy Akad. nauch.-issl. inst. med. parat. i trop. med.* 6:77-77 '66.

30. Shcherba, B. K., Raditskiy, M. K. - Some methods affecting the blood coagulation system in thrombocytosis, phlebotomy, and thrombocytosis. *Zhur. nauch. nauch. KOMI* 4:1213-1213 '67.

31. Shcherba, A. I. - Early symptoms of deoxygenation in anaesthesia. *Vest. khir.* 126 no. 7:144-144 JI '66.

32. Shcherba, M. P. - Cholegic methods of synthesis and plant origin. *Parazitov. zhur.* 23 no. 3:123-123 '66.

33. Shcherba, V. K. - Absorption of radioactive iodine by the thyroid gland and the protein formula of the blood serum as a criterion of the severity of the clinical aspects of thyrotoxicosis. *Klin. khir.* no. 6:123-123 M '64.

34. Shcherba, A. I., Medvedev, V. M. - Comparative study of the hemostatic effect of the Y-forman opaline 1. Field extracts. *Parazitov. zhur.* 23 no. 4:123-123 JI-Ag '66.

35. Shcherba, M. R. - Use of vitamins in the treatment of infectious diseases of female genitalia. *Ann. i zh.* 63 no. 6:23-23 M-D '64.

36. Shcherba, A. U. - Experimental data on the treatment of patients with leucocytosis and leukocytocytosis: preliminary report. *Zhur. nerv. i psich.* 67 no. 1:121-121 '67.

Chysova, M. I. - Level of protein sulphydryl groups in C-37 tumor under the effect of vitamin E and X-irradiation. Trudy Kazakh. nauch.-issl. inst. oncol. 4:146-150 '87.

Sysoeva, M. I., Sulayeva, L. S., Mirzoeva, M. I. - A of the protein spectrum of the C-37 tumor under the effect of vitamin E and X-irradiation. Trudy Kazakh. nauch.-issl. inst. oncol. 4:161-168 '87.

Yuldashev, M. T., Yuldashev, A. T. - Tiro-YKPa in combination with oxygen in intraneuronal clearance of cancer of the urinary bladder. Trudy Kazakh. nauch.-issl. inst. oncol. 4:169-169 '87.

Tur-Misayeva, M. N. - Effect of corticoids on the phagocytic activity of the leucocytes in the transmembrane heterogeneous cartilage. Sbor. nauch. tr. Kaz. nauch.-issl. inst. travn. i oncol. no. 9:88-97 '83.

Yuldashev, I. U. G. - Study of atropine bases of Stropharia case phaeofolia. Sbor. nauch. tr. TIANJIN 8:274-18 '84.

Tranopt, W. N., and others. - Anticarcinogenic effect of benzogride. Zhur. sov. i. patk. 88 no. 12:1866-1864 '87.

Trof, A. I., Dament'eva, M. I. - Combined chemother in malignant neoplasms. Trudy Kazakh. nauch.-issl. inst. oncol. 4:169-170 '87.

Died, V. M. - Use of radioactive iodine in surgery of esophageal cancer. Klin. khir. no. 5:138-40 '82.

Usanov, K. - Study of the sensitivity of dysmorphic and antiproliferative cultures to antituberc. Sbor. stud. i. kazakh. 1:171-77 '87.

Vainaliev, A. S., Dornashvili, S. I. - Bescovid in the treatment of chondriomyomas. Vrach. delo no. 7:123-124 Vainaliev, G. P. - Drug allergy. Vrach. delo no. 7:128-127 '87.

Varmenichev, S. M. - Experimental study of the toxicity of the antineoplastic activity of leucocytocytostatic in catechins. Trudy Kazakh. nauch.-issl. inst. oncol. 4:169-170 '87.

Vladimirov, I. V., and others. - Intravenous infusion of therapeutic preparations in patients with metastatic disease of pulmonary tuberculosis. Voen.-med. iz. no. 11:25-28 '84.

Vladimirov, I. M., Bergelson, N. M. - Antiparasitic effect of 2-amino-6-hydroxybutyric acid under experimental and clinical conditions. Zhur. sov. i. patk. 88 no. 12:183-188 '87.

Volkovskiy, V. D. - Myosin in peritoneal diseases of the abdominal cavity. Klin. khir. no. 5:17-20 '82.

Volkova, A. P., Rakhova, M. V. - Toxicity of histaroid estradiols with benzobenzodioxole and pectinobenzodioxole. Trudy TIANJIN no. 18 pt. 3:44-45 '87.

Vysotskiy, M. B., Sharov, P. A., Stugina, Y. M. - Significance of microcirculation in the mechanism of the effect of psychotropic substances. Biol. eksp. biol. med. 66 no. 18:84-87 '82.

Khairbekov, S. S. - Prevention of gonorrheal complications. Akhsh. iz. 40 no. 6:36-40 M-D '84.

Khatayev, A. A. - Treatment of Lactaria cholelithiasis with quinine in combination with lissine mineral water. Trudy Aksh. nauch.-issl. inst. med. param. i. tr. med. 8:266-273 '85.

Khatayev, A. A. - Therapeutic use of phenazine in anti-inflammatory states. Sbor. nauch. rab. KGM 68:127-131 '87.

GM. (7973.3) - Kirghiz S. S. R.

Akryshev, A., and others. - Clinical testing of the new Soviet preparation tyrosine in the therapy of hepatic therapy of the Kirghiz State Medical Institute. Sbor. nauch. rab. KGM 43:118-111 '87.

Dobraslavskiy, A. D. - Change in the histamine content in the blood and liver of rats under the effect of humid conditions of the city of Frunze and the alpine pass of Tyura-Alau (altitude 2300 m) Sbor. nauch. rab. KGM 43:128-41 '87.

Isakova, S. I. - Comparative evaluation of the effectiveness of Kirghiz arylide and atropine "K" in the treatment of chronic cardiac insufficiency. Sbor. nauch. rab. KGM 40:174-177 '85.

Zeev, Y. M., Gotsdina, M. P., Paruykina, A. A. - Diluting the internal water in the (Issyk-Kul Resort. Sbor. nauch. rab. KGM 43:114-117 '87.

618.5 Physiology and other treatments

Abdrakhmanov, Zh. M., Kirman, M. S., Gerasim, K. I. - Combined effect of cobalt, copper, and iron preparations on the composition of blood in patients under large skin disease radiotherapy. Trudy Kazakh. nauch.-issl. inst. oncol. 4:169-170 '87.

Agapova, Z. M., Yashchukova, E. Kh. - Drinking of radon water in combination with need therapy in the treatment of acute and subacute forms of leucocytocytostatic. Sbor. nauch. rab. KGM 43:183-184 '87.

Alimzhanova, M. I., and others. - Dynamic observation of the regression of tumorous elements of the cervix uteri following radiotherapy. Trudy Kazakh. nauch.-issl. inst. oncol. 4:169-170 '87.

Asipova, M. N., Andreeva, R. A., Ishkova, Y. P. - Experience in X-ray treatment of syringomyelia. Sbor. nauch. rab. KGM 44 no. 3:146-148 '87.

Asimkhayev, M. A., Kabayev, O. K. - Combination of a weak direct current and X-irradiation as a means of improving the effectiveness of radiotherapy in tumors. Trudy Kazakh. nauch.-issl. inst. oncol. 4:173-175 '87.

Balmetshov, R. R., Malyshova, S. M. - Transcatheter and late results of microwave therapy in gynecological inflammatory diseases. Sbor. nauch. rab. KGM 43:101-106 '87.

Balmetshov, R. R., Shokhiev, K. I., Abdrakhmanov, Zh. M. - Methodology and results of statin gamma therapy in neoplastic cancer. Trudy Kazakh. nauch.-

615.8 (Continued)

- Baran, L.A., Surkov, G.G. - Effect of oxygen on the condition of blood gases in oncological patients receiving radiotherapy. *Vrach. delo* no. 7:41-44 JI '68.
- Bodakva, A.P., Generalov, V.L. - Effect of cystamine, tetraethylammonium, and difluorotriethylamine on conditioned reflex activity of albino rats. *Farm. i toka* 31 no. 5:548-557 M-D '68.
- Bolshakov, A.B. - Further observation of the functional state of the skin in trichomoniasis during X-ray treatment. *Sbor. nauch. rab. KGM* 43:213-216 '67.
- Borisovich, M.V., Kozlov, I.F., Khokhlov, K.I. - Dosimetric substantiation of some methods of traversing irradiation of the upper jaw. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:108-109 '67.
- Bredikis, I.U., Savitskiy, B.D. - Resuscitation of a patient following prolonged fibrillation of the cardiac ventricle. *Klin. khir.* no. 3 75-77 Mr '63.
- Brezilovskaya, L. - Use of hypnotherapy in epilepsy. *Sbor. nauch. rab. KGM* no. 10:24-28 '68.
- Danashova, M.L., Fedina, V.A., Limbarova, N.P. - Antineoplastic chemo- and radiotherapy in the treatment of malignant neoplasms. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:118-120 '67.
- Dzholybayev, M.S., Borisovich, M.V., Khokhlov, K.I., B. - Dosimetric substantiation of the use of splenoid filters in megavolt radiotherapy. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:120-126 '67.
- Ganalela, A.M., and others. - Results of radiotherapy in laryngeal cancer. *Voen.-med. zhur.* no. 11:98-99 M '68.
- Golovtsov, I.U. - Effect of intratracheal oxygen therapy on the functional state of the liver in atherosclerosis. *Vrach. delo* no. 7:12-13 JI '68.
- Istebekova, D.M., Shokarbekova, D.L., Krokshina, M.S. - Effect of exoroto therapy on the circulation rate and venous pressure in patients. *Sbor. nauch. rab. KGM* no. 10:85-88 '68.
- Khatkhov, S.Kh. - Morphological changes in the myocardium in dogs following repeated effects of fibrillating and defibrillating electric impulses. *Sbor. nauch. rab. KGM* 43:77-78 '67.
- Kushkarinets, M.S. - Action of "Poliana Krasova" mineral water on electrolyte content in the bile and blood serum in chronic hepatocystitis. *Vrach. delo* no. 7:28-30 JI '68.
- Morozova, M.M., Foklova, V.A. - Immediate and late results of microwave therapy in gastric ulcer of the stomach and duodenum. *Sbor. nauch. rab. KGM* 43: 95-100 '67.
- Muskhelava, L.L., Abdrakhmanov, Zh. M., Khabolova, K.L. - Immediate results of radiotherapy in patients with cancer of the inferior third of the esophagus and the caudal region of the stomach. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:127-129 '67.
- Muskhelava, R.Kh. - Dynamics of the changes in serum proteins in oncological patients under radiotherapy. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:130-138 '67.
- Mukhlidi, A.D. - Hypnotic sleep in surgical interventions in the pre- and postoperative periods. *Klin. khir.* no. 8:84 Ag '63.
- Orelskiy, A.V. - Pseudotumor of organs of the abdominal cavity. *Klin. khir.* no. 4:16-20 Ap '64.
- Popov, R.K., and others. - Efficacy of electro-impulse therapy on clinical aspects and surgical treatment of mitral stenosis complicated by cardiac fibrillation. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:138-140 '67.
- Pozdnichuk, L.G., Vurochikina, M.G., Kozlov, A.K. - Combination of massive irradiation with intra-arterial introduction of chemopreparations in the treatment of sarcomas of the extremities. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:144-146 '67.
- Rotenberg, D.L. - Experience in intraperitoneal oxygen administration in the treatment of acute peritonitis. *Klin. khir.* no. 5:57-58 May '63.
- Robinson, R.S., Kovlev, B.V. - Electric activity of the cerebral cortex in epileptics during occupational therapy. *Zhur. nev. i psikh.* 48 no. 11:994-1011 '68.
- Sidokov, V.S., Maslennikov, G.S., Aristakhsian, R.A. - Paraffin and novocaine electrophoresis treatment of a duodenal ulcer. *Sbor. nauch. rab. KGM* 43:147-151 '68.
- Sizemskaya, G.S. - Course of a shock following transfusion of heterologous blood under an electric effect. *Sbor. nauch. rab. KGM* 43:171-173 '67.
- Solov'yevskiy, I.M., Khairushov, N.A. - Functional changes in the external respiration in patients with esophageal cancer during radiotherapy. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:163-167 '67.
- Starkov, A.R., Petrus', M.M., Dol'nitskiy, G.V. - Use of oxygen in free dermatoplasty. *Klin. khir.* no. 8:11-12 Mr '64.
- Starenko, L.M., Liseev, I.L. - First experience in the ethical use of a high-pressure chamber. *Grud. khir.* 7 no. 5:65-69 M-D '68.
- Solov'yevskiy, R.M., Solov'yevskiy, I.M., Balaschikov, S.B. - Roentgenological changes and functional disorders in the lungs following radiotherapy in esophageal cancer. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:167-180 '67.
- Tshak, V.I.A. - Treatment of an attack of paroxysmal tachycardia with a single electric cardiac stimulation. *Kardiologiya* 6 no. 6:98-99 M-D '68.
- Tsila, A.U., and others. - Resuscitation in hyperthermia. *Sbor. nauch. rab. KGM* 43:40-43 '67.

615.8(471.13)—Komi A.S.S.R.

- Grom, I.I. - Information about medicinal plants used in folk medicine in the Komi A.S.S.R. *Trudy Len. khim.-farm. inst.* 19:190-204 '68.

615.8(471.25)—Pskov Province

- Makusko, M.G., and others. - Materials for the study of certain folk medicine remedies of Pskov Province. *Trudy Len. khim.-farm. inst.* 19:226-230 '68.

615.8(471.33)—Bryansk Province

- Volkovich, A.G. - Materials on the study of folk medicine in Bryansk Province. *Trudy Len. khim.-farm. inst.* 19:179-184 '68.

615.8(471.53)—Perm Province

- Maksimovich, G.A., Shastov, I.M. - For wider use of medicinal mineral waters in Perm Province. *Berezh' peiroda Prikania* no. 1:22-23 '68.

615.8(471.531)—Komi-Paranyak National Area

- Darabina, F.I. - Medicinal plants and collected species used in folk medicine in the Komi-Paranyak National Area. *Trudy Len. khim.-farm. inst.* 19:235-234 '68.

615.8(471.53)—Stavropol Territory

- Vlasovskiy, A.S. and others. - Treatment of patients with pathology of the digestive organs and concurrent chronic coronary insufficiency in Yessoukhsk. *Vrach. delo* no. 7:124-129 JI '68.

615.8(475)—White Russian S.S.R.

- Popov, V.I. - Hemostatic remedies used in folk medicine in White Russia. *Report No. 1. Trudy Len. khim.-farm. inst.* 19:223-227 '68.

615.8(477.9)—Crimea

- Pyrg, L.A. and others. - Sanatorium treatment of chronic glomerulonephritis, without interruption of the nitrogen excretory function of the kidneys, on the southern shore of the Crimea. *Vrach. delo* no. 7:44-47 JI '68.

615.8(479.26)—Armenian S.S.R.

- Amatunian, V.G. - Altitude-related climatic adaptation under the conditions of the Dzhirgatal (Health Resort (7100 m). *Sbor. nauch. rab. KGM* 47:35-34 '67.

615.9 Toxicology. Poisons

- Chernozub, I.K. - Mechanism of toxic effect of triethylamine. *Farm. i toka* 31 no. 5:750-753 M-D '68.
- Gent, V., Odobashkov, V. - Toxicity of a typographic alloy. *Sbor. nauch. rab. KGM* no. 10:63-67 '68.
- Mel'nikovskiy, R.K. - Combined action of carbon monoxide and hydrogen sulfide. *Vrach. delo* no. 7:87-90 JI '68.
- Pogorelskiy, A.S. - Acute poisoning with chlorophos. *Vrach. delo* no. 7:123-129 JI '68.
- Skaliev, M.S. - Blood transfusion operation in the treatment of blood circulation disorders following experimental poisoning by snake venom. *Sbor. nauch. rab. KGM* 40:58-63 '68.
- Stashkov, K. - Pharmacology of snake venom. *Sbor. nauch. rab. KGM* no. 10:64-63 '68.
- Strolov, B.B., Khoshova, V.A. - Toxicology of narsarajon. *Farm. i toka* 31 no. 5:731-733 M-D '68.
- Tshenov, M.Y. - Massive intramaterial blood infusion in conjunction with simultaneous bloodletting, a method of treating fatal acute poisoning. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:144-150 '67.
- Xeloba, A.F. - Intoxication by amonite in acute peritonitis. *Vest. khir.* 101 no. 7:60-63 JI '68.

616 Disease. Pathology and medicine

- Alekseyev, P.Y. - On his 60th birthday. *Arkh. pat.* 30 no. 1:63-63 '68.
- Diagilev, Vladimir. - Therapeutic errors and vital consequences. *Otkritiya* no. 9:175-185 8 '68.
- [General problems of pathology. Oncology] *Rak, zhur.* 1 Ob. vop. pat. onk. no. 10 O '68.
- Golovtsov, P.P. - Effect of antiproliferative agents on the intensity of inflammatory edema in a different season of the year. *Farm. i toka* 31 no. 5:713-713 M-D '68.
- [Information bulletin of new foreign books, received by the Leningrad Library. Series 3] *Inform. bul. sov. inostr. knizh. postup. v Bibl. im. V.I. Len. Ser. 3* 13 nos. 1-5 Ja-P '68.
- Kaliev, U.R. - Pathomorphological changes in the internal organs during gradual hypoxia of various degrees and duration. *Sbor. nauch. rab. KGM* 43:144-153 '67.
- Lukashov, P.L. - Effect of some cholinergic, adrenergic, and sympatholytic substances on the resistance of animals to acute hypoxia. *Farm. i toka* 31 no. 5:743-744 M-D '68.
- Osipova, S.V. - Comparison of the efficiency of control and metabolic adaptation during hypoxia in animals of a different age categories. *Farm. i toka* 31 no. 5:604-608 M-D '68.
- Shalimov, A.A., Dotsenko, G.D., Datsenko, B.M. - Experience in the control of terminal states. *Klin. khir.* no. 8:2-9 Mr '63.
- Strolov, B.B. - Role of endometrial biopsy in the diagnosis of female sterility. *Annals. i gita.* 40 no. 6:158-158 M-D '64.
- Stodol'nik, V.K. - Effect of social factors on changes in the clinical characteristics of infectious diseases in man. *Uch. zap. TOU* no. 64:88-93 '68.
- Stupakov, A.D. - Some methodological principles in detecting the beginning of a disease. *Uch. zap. TOU* no. 64: 70-80 '68.
- Tshokovskiy, I.M. - Psychological methods of examination in clinical practice. *Vop. psikh.* 14 no. 3:153-157 My-Je '68.

616(477.8)—Western Ukraine

- Borovyi, E.M. - Restoration of the vitally important functions of the organism: clinical observations of the reanimation center of Rovno Province, 1968-1969. *Klin. khir.* no. 3:9-13 Mr '63.

- Khasich, V.L. - Is revascularization of the myocardium possible following experimental implantation of a mammary interna artery? *Klin. khir.* no. 3:14-16 Mr '63.

616.80 Morbid processes. Lesions

- Alkandov, A.G. - Clinical significance of erythrocyte sedimentation reaction in acute purulent infection and sepsis. *Klin. khir.* no. 8:20-25 May '68.
- Ondarovskiy, G.A. - Pathogenetic mechanisms and substantiation of rational therapy of aminocoumarin intoxication. *Sbor. nauch. rab. KGM* 43:88-91 '67.
- Karavayev, A.G., Volchek, I.V. - Two observations of primary sarcoma of the lung and pleura. *Klin. khir.* no. 1:79-80 Ja '64.
- Kikrova, A.D., Khodovskikhov, A.L. - Intra-arterial blood infusion in severe shock and terminal states in children and adolescents. *Klin. khir.* no. 3:83-88 Mr '64.
- Man'ko, I.U.K., Iushkov, S.F. - Morphological characteristics of Harding-Pearcy melanoma treated with endocort and serotonin. *Arkh. pat.* 30 no. 10:26-21 '68.
- Musagaliyeva, G.M., Kolyshova, M.I., Kuznetsov, M.A. - Effect of epinephrine administration of natural petroleum on the organism of mice. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:43-48 '67.
- Pechnikov, V.L. - Early prophylaxis of traumatic shock with central cholinolytics. *Farm. i toka* 31 no. 5:653-656 M-D '68.
- Shcherbakov, L.I., Kozlovskiy, L.L. - Current problems of dispensary service for oncological patients. *Klin. khir.* no. 4:3-7 Ap '63.
- Shilovskiy, S.P., Shchekinov, M.V. - Supplementary clinical and laboratory data on the diagnosis of cancer. *Klin. khir.* no. 1:85-92 Ja '64.
- Slukova, V.L. - Large teratoma of the macrocystic region in a newborn. *Klin. khir.* no. 3:83-83 Mr '64.
- Stashkov, L.V. - Malignant tumors of the prostate in children. *Klin. khir.* no. 3:89-93 Mr '64.
- Stashkov, T.A. - Kidney lesions in the case of rhombencephalon. *Dokl. AN BSSR* 12 no. 3:273-276 Mr. '68.
- Vinay, V.G. - Lesions of RNA from the cells of Khil'sha carcinoma. *Dokl. eksp. biol. i med.* 65 no. 10:68-71 O '68.
- Kashchuk, T.L. - Case of primary sarcoma of the pleura. *Klin. khir.* no. 1:80-82 Ja '64.
- Kuganski, M.L., Koberidze, I.P. - Adenocarcinoma chimio, morphology and treatment. *Sbor. AN Gruz. SSR* 31 no. 1:337-143 JI '68.

616.001 Trauma. Lesions, injuries, burns, etc.

- Abdullayev, K. - Effect of local X irradiation on the posttraumatic regeneration of tendons in rats. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 4:24-43 '67.
- Aliev, Sh. A., Balaschikovskaya, M.I.A., Sharygin, A.I.A. - Free subpharyngeal groups of tissue proteins in burn shock, and in burn shock due to overcooling of the organism. *Sbor. nauch. rab. KGM* 43:44-51 '67.
- Aliev, Sh. A. - Hemodynamic, hemological, biochemical and endocrine shifts in burn shock caused by flames. *Sbor. nauch. rab. KGM* 40:23-30 '68.
- Aliev, Sh. A. - Experimental burn shock caused by flames under conditions of artificial overcooling. *Sbor. nauch. rab. KGM* 43:63-66 '67.
- Arakcheev, T.A. - Early morphological changes in the intestines following severe burns. *Sbor. nauch. rab. KGM* 43:124-130 '67.
- Arakcheev, T.A. - Intravital angiography of the intestines in extensive burns. *Sbor. nauch. rab. KGM* 43:137-143 '67.
- Arshavskiy, I.U.D., Dekhtornaya, O.L. - Significance of a craniocerebral trauma in the organization and development of symptomatic hypertension. *Zhur. nev. i psikh.* 48 no. 11:978-983 '68.
- Arshavskiy, A.L. - Some data on the prevention and treatment of a tourniquet shock. *Sbor. nauch. rab. KGM* 43:69-71 '67.
- Berdashevskiy, M.I.A. - Chemoesthetic evaluation of export decisions on sequences of closed lesions of the brain. *Voen.-med. zhur.* no. 11:73-74 M '68.
- Berdashevskiy, M.I. - Classification of closed lesions of the skull and brain. *Voen.-med. zhur.* no. 12:47-48 D '68.
- Borisov, V.G., Khram, R.M. - Burns of the respiratory tract. *Voen.-med. zhur.* no. 12:16-18 D '68.
- Chorkas-Zade, D.L. - Treatment of metatarsal fractures by means of skeletal traction on a specific bar. *Sbor. nauch. rab. KGM* 46 no. 2:53-57 '67.
- Dobrova, S.M. - Characteristics of the course and complications of penetrating injuries of the eyeball. *Sbor. nauch. rab. KGM* 46 no. 2:53-57 '67.
- Dorogova, D.A., Legova, V.V. - Traumatic rupture of a healthy heart. *Klin. khir.* no. 1:73-74 Ja '63.
- Osipova, I.U.G. - Characteristics of expertise of working capacity and adjustment in sepsis of craniocerebral traumas with epileptiform syndrome. *Zhur. nev. i psikh.* 48 no. 11:983-1007 '68.
- Osipova, E.A., Vrublevskiy, A.P. - Changes in electroencephalogram in closed craniocerebral trauma in combination with lesions of the chest and spine, and fracture of bones of the extremities. *Vest. khir.* 101 no. 7:100-103 JI '68.
- Gol'dberg, P.M. - Principal reason and deciding conditions of the origin of the shock. *Sbor. nauch. rab. KGM* 40: 28-33 '68.
- Lobrysk, A.I. - Legal regulation of protection against ionizing radiation. *Sov. gos. i pravo* no. 11:103-108 M '68.

618,001 (Continued)

Kozlov, V. V., Pushkarev, E. V. - Prognostic significance of an electroencephalogram in severe combined trauma with craniocerebral injury. *Vestn. khir.* 101 no. 7:113-115 JI '83.

Kozlov, V. V., Kharitonov, E. M., Antonova, A. A. - Significance of changes in cerebral electric activity for the evaluation of late sequelae of closed trauma of the brain. *Zh. nev. i psikh. n. 68 no. 11:157-1571 '83.*

Krevedenko, K. P., Sukorich, N. E. - Transmittal complications in laboratory. *Klin. khir.* no. 6:72-73 Ja '84.

Kristoforova, T. L. - Organization of medical aid in agricultural traumatism. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:23-40 '83.

Krugova, E. A. - Pathomorphological and histochemical changes following burn shock. *Sbor. nauch. tr. KUMI* 45 no. 2:42-43 '87.

Kulakov, E. V. - Case of an aortic wound. *Klin. khir.* no. 1:74-75 Ja '83.

Kulsh, L. A. - Surgery on the blood vessels and nerves in thermal burns and radiation sickness. *Klin. khir.* no. 3:50-58 Ja '83.

Kulsh, L. A. - Characteristics of cerebral reactions in children with closed craniocerebral trauma. *Zh. nev. i psikh. n. 68 no. 10:1449-1451 '83.*

Kuznetsov, M. G. - Characteristics of the organization of care, and functional methods of the treatment of patients with traumatic fractures of the femur. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:273-277 '83.

Kuznetsov, M. G., Avdeyev, M. K. - Treatment of traumatic hip dislocations. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:25-27 '83.

Kuznetsov, M. G. - Losses as a result of pig traumatism. *Alma. ind. MESS.* 38 no. 12:77-83 D '83.

Kuznetsov, M. G. - Treatment of traumatic burials by injections of hydrocortisone. *Vestn. khir.* 101 no. 7:76-78 JI '83.

Paronina, B. - Postmortem biopsy data on morphological changes in the liver following trauma. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:119-121 '83.

Pavlov, V. A. - Late results and work expert testimony following cardiac wounds. *Vrach. delo* no. 7:78-80 JI '83.

Pavlov, I. V., Agapov, V. V. - Rare case of pancreatic trauma through thorax. *Voen.-med. zhurn.* no. 11:73 N '83.

Pilakov, R. L. - Case of pulmonary barotrauma. *Voen.-med. zhurn.* no. 12:78 D '83.

Pokhlyakov, T. D. - Early absorbability via the lymphatic vessels following a femoral shock. *Sbor. nauch. tr. KUMI* 45 no. 8:70-78 '87.

Pokhlyakov, T. D. - New data on electrotraumatism. *Sbor. nauch. tr. KUMI* 45 no. 8:88-91 '87.

Pokhlyakov, T. D., Potomarev, M. M. - Superficial in the treatment of thermal burns. *Sbor. nauch. tr. KUMI* 45 no. 8:77-81 '87.

Rodman, L. K. - Pathogenesis of severe trauma of abdominal organs: experimental data. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:44-45 '83.

Rodman, L. K. - Some neurophysiological mechanisms of the appearance of reflex disorders following a craniocerebral trauma. *Pr. k. khir. i ort. spets.* no. 8:80-87 '83.

Shtrom, G. S. - Course of a shock following transfusion of heterologous blood under an electric effect. *Sbor. nauch. tr. KUMI* 45:71-73 '87.

Shuklov, V. K. - Disorders of sodium-potassium metabolism in patients with trauma of the skull and brain at an acute period. *Zh. nev. i psikh. n. 68 no. 11:1083-1085 '83.*

Shuklov, V. K. - Clinical characteristics and pathogenesis of local disorders of sensitivity in late sequelae of closed and open craniocerebral trauma. *Zh. nev. i psikh. n. 68 no. 11:1086-1093 '83.*

Shuklov, V. K. - Acute trauma of the chest and its organs. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:11-13 '83.

Shuklov, V. K. - Changes in the animal respiration and gas exchange in traumatic shock. *Voen.-med. zhurn.* no. 12:88-97 D '83.

Shuklov, V. K. - Effectiveness of a massive intracranial blood infusion in patients following their recovery from a state of ethical shock and traumatic shock. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:143-147 '87.*

Valentin, M. A. - Functional state of the monosynaptic system in patients with traumatic epilepsy. *Zh. nev. i psikh. n. 68 no. 11:1028-1033 '83.*

Vlasov, A. R. - Late sequelae of frontal trauma of extremities. *Klin. khir.* no. 8:54-58 My '84.

618,002 (73, 83)—Armenian S. S. R.

Ushakov, M. S. - Sport-related traumatism among schoolchildren of Armenia, and measures for its prevention. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:46-47 '83.

618,003 (73, 83)—Kirgiz S. S. R.

Fuksey, M. A. - Work of the traumatology station of the Kirgiz State Hospital Clinic for 1980. *Sbor. nauch. tr. KUMI* 45 no. 3:48-53 '87.

Bekman, L. R. - State of orthopedic and traumatology services in the Kirgiz S. S. R. and measures for their improvement. *Sbor. nauch. tr. KUMI* 45 no. 3:3-7 '87.

618,004 Hemiparesis. Tumors. Basoma. Polyps, etc.

Abdrazakova, S. M., Kuznetsov, M. A. - Resistance of skin capillaries and the level of blood electrolytes in the process of oncological radiotherapy. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:74-78 '87.*

Abdrazakova, S. M., Loktionov, G. M., Dmoch, L. K. - Intravital staining of cerebral neoplasms: experimental data. *Zh. nev. i psikh. n. 68 no. 11:798-1708 '83.*

Abdrazakova, S. M., Zhurav, G. V. - Cancer of the parotid. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:82-83 '87.*

Agapov, D. A. - Analysis of lethal osteosarcoma in patients with osteoma of the parotid. *Sbor. nauch. tr. KUMI* 43:184-187 '87.

Almagambetova, M. L., and others. - Dynamic observation of the regression of tumorous elements of the cervix after following radiotherapy. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:258-14 '87.*

Almagambetova, M. L., Adilgireeva, S. Kh., Gordinenko, G. P. - Mitotic index and the DNA content of RS-1 tumor irradiated under local hypoxia. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:217-224 '87.*

Apakhalov, A. K., Dzhambalov, I. U. S. - Gastric cancer in young persons. *Voen.-med. zhurn.* no. 11:41-45 N '83.

Araby, A. K., Balashev, S. A., Balashev, S. B. - Preliminary data of the use of vinorelbine as a radio-sensitizer in the treatment of esophageal tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:180-181 '87.*

Arshakova, L. D. - Changes in the radiosensitivity of aortic tumor in rats following chronic irradiation. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:80-84 '87.*

Ashtarkhanov, M. A., Kaizer, O. K. - Combination of a weak direct current and X-irradiation as a means of improving the effectiveness of radiotherapy in tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:173-174 '87.*

Baldanov, Kh. A., Dokhidiyev, S. M. - Osteoblastolysis of the jaws and its treatment. *Sbor. nauch. tr. Krasnod. univ.* - Inst. inst. travn. i ort. no. 8:281-283 '83.

Baldanov, Kh. A., Amantolova, K. S. - Methodology of regional chemotherapy in maxillofacial tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:84-85 '87.*

Baldanov, Kh. A., Garmay, M. I., Khilova, V. M. - Bone marrow hemopoiesis in malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:103-103 '87.*

Baldanov, Kh. A., and others. - Correlation of the dose and time radiotherapy of esophageal cancer. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., Ashtarkhanov, M. A., Balashev, S. A. - Intensity of regression of transplanted tumors in rats depending on different methods of the radiation dose fractionation. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:181-181 '87.*

Baldanov, Kh. A., S. B. - Principles of modification of the radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:103-103 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Baldanov, Kh. A., S. B. - Radiosensitivity of malignant tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:166-167 '87.*

Dement'eva, N. I., Padina, V. A., Likhacheva, M. P. - Antineoplastic chemio- and radiotherapy in the treatment of malignant neoplasms. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:185-189 '87.*

Dement'eva, N. I., Krivets, M. A. - Errors in the diagnosis of cancer of the cervix uteri. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:137-139 '87.*

Dement'eva, N. I., Krivets, M. A. - Diathermochemotherapy as an effective method of treating precancerous and tumorous diseases of the cervix uteri. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:134-137 '87.*

Dement'eva, N. I., Lapcheva, M. A. - Treatment of recurrent and metastases of cancer of the cervix uteri originating following extensive abdominal surgery. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:138-143 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Distant metastases of the tumor of the ovary: filters in megavolt radiotherapy. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:138-139 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch. - Inst. inst. travn. i ort. no. 1:130-135 '87.*

Dement'eva, N. I., Borisevich, M. V., Karibekova, S. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh*

616,006 (Continued)

- Khadachina, E. A. - Study of the carcinogenic properties of chromatin compounds by their effect on the skin of mice. *Zh. eksp. i klin. med.* 5 no. 6:83-84 '88.
- Khalimov, P. A., Koshchinskii, V. G., Kozlov, A. M. - Comparative study of the effect of gamma rays and radioiodine on the protein and protein metabolism in the cells of Ehrlich's ascitic sarcoma. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:64-68 '87.
- Kira, O. M., Rod'nik, L. G. - Results of treatment of recurrences of skin cancer. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:170-171 '87.
- Kolchakov, Y. S. - Model of radiation-resistant tumor developed on mice in vivo. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:68-73 '87.
- Kolchakov, Y. S. - Quantitative cytochemical analysis of DNA synthesis in a radiation-resistant model of Ehrlich's ascitic tumor. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:73-76 '87.
- Kolchakov, M. I. - Pathomorphology and histogenesis of esophageal cancer. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:186-188 '87.
- Korotkova, L. P. - Carcinogenic effect of azoxymethane on the Goryev-Fishery Complex on the genitalia in mice. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:252-254 '87.
- Kotova, D. G. - Experience in outpatient chemotherapy in ovarian tumors. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:163-167 '87.
- Krivonozhko, V. F., Ishchenko, T. S. - Serial transarterial angiography in the diagnosis of tumors of the kidneys and upper urinary tract. *Klin. khir.* no. 3:39-44 '87.
- Kuznetsov, V. A., Popov, A. A. - Local antitumor effect of some antiseptic preparations on Ehrlich's ascitic sarcoma in white mice. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:178-184 '88.
- Kuznetsov, I. M. - Intraperitoneal dissemination of bronchogenic cancer. *Vopr. onkol.* no. 7:47-50 '88.
- Kushchakov, V. I. - Giant rhabdomyoma of the axillary region. *Vest. khir.* 101 no. 7:133-139 '88.
- Kushner, V. P., Khodolova, L. A. - Effect of azoxymethane and mutagens on nucleic acids. Report No. 8. Relationship between DNA and acroleins. *Tsitologia* 10 no. 10:1313-1318 '88.
- Laino, A. M., Kadyrov, V. A. - Radiological methods of examination in tumors and tumorlike formations of soft tissues. *Vest. khir.* 101 no. 7:84-90 '88.
- Larkov, L. F. - State and aspects of chemotherapy in cancer of the gastrointestinal tract. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:171-178 '87.
- Lina, M. V., Akhmetbekova, Kh. A. - Ganglionic blockade without hypotension in oncological surgery on organs of the small pelvis. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:198-200 '87.
- Likhnerman, L. B., Frenkel, A. P., Khilina, L. Kh. - Differential diagnosis of fat embolism of vessels of the brain, and intracranial traumatic hematomas. *Zh. eksp. i klin. med.* 5 no. 11:167-168 '88.
- Molodtsov, K. L. - Classification and treatment of some precancerous diseases of the vulva. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:180-184 '87.
- Moskova, M. M., Lina, K. Y. - Hormonal cytology in precancer of the endometrium. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:203-213 '87.
- Maslov, M. M., Kirilovskaya, M. G. - Progesterone in the treatment of cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:204-208 '87.
- Moskova, M. M., Krivits, M. A. - Thomsen's test in women with precancerous processes and cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:213-215 '87.
- Mikhailovskaya, S. A. - Coagulative system of the blood in oncological patients: preliminary report. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:186-197 '87.
- Mirza-Avakian, G. L. - Supportive complications in cancer of the large intestine. *Zh. eksp. i klin. med.* 5 no. 6:88-90 '88.
- Mukhinov, B. M., Bakhtayeva, B. R. - Content of some trace elements in the blood of patients with malignant tumors. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:199-201 '87.
- Mukhinov, B. M., Bahanava, G. S. - Effect of radiotherapy and surgical treatment on porphyria metabolism in oncological patients. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:202-204 '87.
- Maslov, L. L., Abdalimov, Kh. M., Kabanov, K. L. - Immediate results of radiotherapy in patients with cancer of the inferior third of the esophagus and the cardiac region of the stomach. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:197-198 '87.
- Maslov, M. A., Koriakina, L. P. - Choriocarcinoma of the uterus according to materials of therapeutic institutions of Alma-Ata. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:216-219 '87.
- Moskova, M. M. - Dynamics of the changes in serum proteins in oncological patients under radiotherapy. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:180-186 '87.
- Mitadze, T. G. - Blood vessel system and the growth of tumors. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:248-261 '87.
- Murzaev, B. M., Kablev, O. K. - Study of the radio-sensitizing properties of leucocytocidal and osteoblasts. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:136-141 '87.
- Mukhomedov, S. O. - Tumors of the jaws. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:173-174 '88.
- Muganov, M. U., Mironov, M. L. - Acquired in vitro radiation-resistance of tumors. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:177-181 '87.
- Muganov, S. M. - Kazakhstan Scientific Research Institute of Oncology and Radiology. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:3-8 '87.
- Muganov, S. M., Koshchinskii, O. L. - Experience in the detection and elimination of cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:210-224 '87.
- Parlov, I. V., and others. - Methodology of pericystography in the diagnosis of tumors of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:240-245 '87.
- Paylov, I. V., Tuganbayev, A. - X-ray examination of the lymphatic system of the pelvis. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:238-240 '87.
- Podzemskiy, L. G., Vorobkova, M. G., Kozlov, A. K. - Combination of massive irradiation with intra-arterial introduction of chemopreparations in the treatment of sarcomas of the extremities. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:234-238 '87.
- Podzemskiy, L. G., Vorobkova, M. G., Kozlov, A. K. - Treatment of bone tumors. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:231-234 '87.
- Prilobko, M. I. - Determining the conditions of patients in cancer of the stomach. *Vopr. onkol.* no. 7:43-44 '88.
- Rasposomayeva, V. A., Taimov, A. A. - Tuberculous reactions in patients with tumors and precancerous diseases. Report No. 8. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:250-253 '87.
- Rasposomayeva, V. A., and others. - X-ray methods of detection of metastases and recurrences in cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:248-250 '87.
- Rasposomayeva, M. M., Gal'dstina, V. I. - Regenerative capacity of the liver at various stages of carcinogenesis. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:25-32 '87.
- Rapina, R. A., Lebaev, M. L., Akhmetbekova, Kh. A. - Methodology of esophageal cancer in esophageal cancer. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:253-255 '87.
- Rozov, D. G., Shukov, A. A., Koshchinskii, A. B. - Significance of statokinetic disorders in the neurological diagnosis of tumors of the temporal lobe of the brain. *Klin. khir.* 101 no. 12:1774-1778 '88.
- Shervakov, I. T. - Eighth International Congress on the Control of Cancer. *Klin. khir.* no. 1:62-66 '88.
- Shervakov, I. T. - Effect of 7,12-dimethylbenzo-*a*-anthracene on RNA and protein synthesis in cells of the primary embryonic culture of mouse liver. *Tsitologia* 10 no. 10:1319-1323 '88.
- Shervakov, A. G. - Hemangiomas of the liver and their treatment. *Klin. khir.* no. 6:78-79 '88.
- Smirnov, V. A., and others. - Etiology of skin melanomas. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:258-261 '87.
- Smirnov, V. A. - Data on histological study of skin cancer. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:261-264 '87.
- Stokanov, V. F., Sklyupina, O. N. - Functional and morphological characteristics of tumors of the thyroid gland. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:265-269 '87.
- Stokanov, V. F., Stokanova, L. L. - Malignant adenomatosis of the lung. *Vest. khir.* 101 no. 7:137-138 '88.
- Stokanov, V. F., Stokanov, L. L., Stokanova, L. L., Stokanova, L. L. - Hemodynamic changes and functional disorders in the lungs following radiotherapy in esophageal cancer. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:267-270 '87.
- Stokanov, M. V., Stokanova, L. L. - Oncological characteristics of the CytB/CBA hybrid mice of the first generation. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:281-287 '87.
- Stokanov, M. V. - Level of proteins and lipid groups in the C-37 tumor under the effect of virus and X-irradiation. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:145-148 '87.
- Stokanov, M. V., Stokanova, L. L., Stokanova, M. I. - State of the protein spectrum of the C-37 tumor under the effect of virus and X-irradiation. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 4:151-155 '87.
- Tashenov, M. T., Tuganbayev, A. T. - Tio-TEDA in combination with oxygen in intravascular chemotherapy of cancer of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:280-288 '87.
- Tuganbayev, M. M. - Selection of the therapeutic method in primary tumors of the bones. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:289-293 '87.
- Tolst, A. I., Demut'eva, M. L. - Combined chemotherapy in malignant neoplasms. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:276-278 '87.
- Ushakov, M. U. - Glomus tumor of the hip. *Vest. khir.* 101 no. 7:138-140 '88.
- Vernikobayev, S. M. - Experimental study of the toxicity of the antileukemic activity of leucocytocidal and osteoblasts. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:210-220 '87.
- Vladimirov, R. S., Pirova, P. P. - Composition of the alveolar air of each lung in tumors and supportive diseases of the lungs. *Grud. khir.* 7 no. 4:106-108 '88.
- Vladimirov, V. K. - Polyps of the rectum. *Vest. khir.* 101 no. 7:140-141 '88.
- Vodotvikhin, V. K. - Comparative chromosome characterization of two neoplastic variations of transplantable mice hepatoma XXII. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:288-298 '87.
- 616,006 (53) - Japan
- Takashi, H. - Cancer epidemiology in Japan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:71-73 '87.
- 616,006 (54) - Kazakhstan S. S. R.
- Alexandrov, M. M., and others. - Tumors and precancerous diseases of the oral cavity in Kazakhstan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:6-13 '87.
- Bakhtayeva, B. R., Dzhambayev, A. D. - Structure of neoplasms of the upper respiratory tract in residents of Kazakhstan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:24-29 '87.
- Dzhambayev, A. D., Bakhtayeva, M. K. - Study of the distribution of malignant neoplasms in some provinces of Kazakhstan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:22-30 '87.
- Galanova, G. I., Kolykova, M. I., Muganov, S. M. - Composition of patients with esophageal cancer in Kazakhstan regarding their nationality, age, and sex. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:28-31 '87.
- Kalinov, M. A. - Histogenetic effect of Kazakhstan petroleum, and preventive measures. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:23-28 '87.
- Mamantov, B. A. - Content of 3,4-benzopyrene in the air of the large industrial centers of Kazakhstan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:44-48 '87.
- Muganov, S. M., and others. - Regional characteristics of the distribution of precancerous and tumor diseases of female genitalia in Kazakhstan. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:49-53 '87.
- Pliginskii, G. B. - Carcinogenic properties of dyes forming a covalent bond with nucleic acids (the removal group). *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 3:53-58 '87.
- 616,006 (55) - Kirghiz S. S. R.
- Kolchakov, S. D. - Neoplasms as the cause of disability among the population of the city of Frunze. *Sbor. nauch. i med. besed.* 4:15-17 '87.
- 616,007 Malformations. Deformities. Congenital and developmental abnormalities
- Adamian, A. A. - Case of an umbilical hernia. *Zh. eksp. i klin. med.* 5 no. 6:83-84 '88.
- Andreev, D. M. - Surgical treatment of protruding concha auricularis. *Vest. khir.* 101 no. 7:184-185 '88.
- Avotina, M. K. - Physiological characteristics of the sternocleidomastoid muscle in congenital muscular torticollis before and after surgery. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:173-174 '88.
- Bakhtayeva, B. R. - Some problems of early operative intervention in congenital hernia. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:174-175 '88.
- Galst'nikov, M. K., Kugranov, L. I. - Traumatization of the major vessels and chambers of the heart: anatomical characteristics, concept and classification. *Grud. khir.* 7 no. 6:113-114 '88.
- Grigorov, L. M. - Rare case of congenital anomaly of the hand and forearm. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:174-175 '88.
- Kherobian, P. A. - Clinical and X-ray data on Ewing's sarcoma and primary rotator cuff tumor of the humerus. *Zh. eksp. i klin. med.* 5 no. 6:14-15 '88.
- Koshchinskii, O. L., Tuganbayev, A. T. - Neurological syndrome in children with cervical ribs. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:174-175 '88.
- Konstantinov, B. A., Akhmetbekova, Kh. A. - Anomalous positions of the heart. *Grud. khir.* 7 no. 6:15-20 '88.
- Kotik, L. A. - Principles of surgical treatment of residual deformations of the upper lip and nose following surgery for unilateral cleft-lip. *Vest. khir.* 101 no. 7:184-185 '88.
- Lalain, R. L. - Congenital defects of the thorax. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:175-176 '88.
- Orlovskiy, V. A. - Congenital dislocation of the hip and its treatment in adults. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:176-177 '88.
- Petrov, R. Kh. - Analysis of some clinical-anatomical data in relation with the pathogenesis of congenital dysplasia of the hip joint. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:177-178 '88.
- Petrov, R. Kh. - Treatment of congenital dysplasia of the hip joint. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:179-180 '88.
- Prokhorov, L. V. - Treatment of congenital clubfoot in children. *Klin. khir.* no. 1:77-81 '88.
- Rakhmanov, L. M. - Case of a "cleaved" palate. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:181-182 '88.
- Rakhmanov, L. M., Mikhailovskiy, T. T. - Orthopedic treatment and application of prosthesis to pes anserinus. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:182-183 '88.
- Rakhmanov, V. O., Dzhambayev, A. D. - Sbor. nauch. i med. besed. -issl. inst. nauch. i med. no. 8:183-184 '88.
- Sakonova, V. B. - Case of congenital hypoplasia of the middle pulmonary lobe with an atypical localization. *Grud. khir.* 7 no. 6:100-101 '88.
- Sergievskiy, V. S., Kirilovskaya, M. M. - Rare case of a common arterial trunk with pulmonary hypertension. *Grud. khir.* 7 no. 6:100-101 '88.
- Slyapova, M. M., Livshits, M. V., Mironov, A. P. - Surgical treatment of congenital harelip. *Vest. khir.* 101 no. 7:180-181 '88.
- Tokhtiev, A. D. - Case of hypoplasia with mesothorax corrected by means of surgery in a male considered for 21 years to be a female. *Sbor. nauch. i med. besed.* -issl. inst. nauch. i med. no. 8:184-185 '88.

616.007 (Continued)

Tsydyev, U.B. - Late results of treatment of congenital dislocation of the hip according to materials of the orthopedic department of the Kirghiz State Hospital Clinic. *Sbor. nauch. rab. KGU* 49 no. 2:63-64 '87.

616.07 Diagnosis. Signs. Symptoms

Abrakha, B.A., Kilmashbekov, K.D. - Dynamics of clinical-electrocardiographic indices following surgical intervention in acute myocardial infarct. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:104-105 '87.

Azizov, D.A. - Peritoneal puncture biopsy using a modified instrument, in the diagnosis of diseases of the prostate. *Sbor. nauch. rab. KGU* 42:154-155 '87.

Akopitsian, V.R. - Radiographic data following fractures of the long tubular bones in children. *Sbor. nauch. rab. KGU* 49 no. 1:151-153 '85.

Asanidin, P.P., Babatbayev, V.B., Rostomov, L.I. - Abdominal aortography in the diagnosis of the Leriche syndrome. *Sbor. nauch. rab. KGU* 49 no. 2:57-58 '85.

Arifbayev, T.A. - Intravital angiography of the intestines in experimental tumors. *Sbor. nauch. rab. KGU* 43:137-143 '87.

Arakova, A.V. - Neosteological changes of the skeleton following cerebral paralysis. *Sbor. nauch. rab. KGU* 46 no. 2:25-27 '87.

Asanidin, P.P. - Comparative X-ray data of homo- and hetero- and metallo-osteosynthesis in experimental fractures of the femoral neck. *Sbor. nauch. rab. KGU* 43:161-164 '87.

Baranova, L.K., Eshkina, O.S. - Transcatheter puncture of the liver in the diagnosis of primary cancer. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:162-168 '87.

Bochikova, N.S. - Size and form of the aortic aneurysm in insufficiency of the aortic valve. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:20-22 '87.

Bochikova, N.S., Ioffa, L.T. - Electrocardiographic characteristics of a respiratory insufficiency in surgical diseases of the lungs. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:144-147 '87.

Bugrova, L.K. - Osteolytic lesions in diabetes mellitus. *Sbor. nauch. rab. KGU* 43:114-115 '87.

Bard, L.L., Shcherbakova, G.A., Kalchayeva, A.B. - Clinical fluorographic characteristics of pathological states of the spine and the accessory sinuses, based on an expedient screening of the population. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:19-24 '87.

Dikova, M.V., Krivits, M.A. - Errors in the diagnosis of cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:127-128 '87.

Dzhan, S.L. - Neosteological X-ray diagnosis of defects of the intervertebral septum. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:75-80 '87.

Dzhambayev, D.B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:120-125 '87.

Krasov, Y.A. - Comparative characteristics of electrocardiograms of the myocardium. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:38-41 '87.

Kalchayeva, A.B., Alasova, A.M., Tashmurov, M.Y. - Role of cytologic diagnosis in tumors of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:145-147 '87.

Eshkina, O.S., and others. - Diagnostic and prognostic significance of cytologic examination of ascitic fluid in cancer of the ovaries. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:143-144 '87.

Filova, F.M., Dikova, M.V. - Wernitz's test in early diagnosis of glaucoma. *Sbor. nauch. rab. KGU* 43:194-195 '87.

Oshchik, K.K., Kaganov, L.I. - Transposition of the major vessels and chambers of the heart: anatomical characteristics, concept and classification. *Grad. khir.* 7 no. 6:23-25 M-D '85.

Garlov, Y.M. - Early detection of primary lesions of pulmonary tuberculosis in serousness. *Voen.-med. khir.* no. 11:77-79 M '86.

Gelis, V.I. - Using the Widal reaction for retrospective diagnosis of salmonellosis (preliminary report). *Sbor. nauch. rab. KGU* 40:1043-1044 '86.

Gorobov, Y.M., Ushakov, L.A. - Diagnosis and treatment of rheumatoid arthritis. *Voen.-med. khir.* no. 12:76-77 D '86.

Grigorenko, A.Y., and others. - Bronchopneumonia and bronchographic examination in evaluating the functional state of an operated lung. *Grad. khir.* 7 no. 6:56-57 M-D '85.

Ilyayeva, G.V., Tyshanova, M.G., Krasov, Y.A. - Phase analysis of the systole of the heart in surgical diseases of the lungs: preliminary report. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:155-158 '87.

Kabakov, L.M. - Diagnosis and treatment of malignant polyps of the rectum. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:180-183 '87.

Krasov, Y.A., Kalchayeva, G.A., Levchenko, N.L., Chernigovskaya, M.V. - Experience in and methodology of pressure biopsy of the liver in the clinical course of the nervous system. *Sbor. nauch. rab. KGU* 49 no. 2:156-158 '85.

Kalchayeva, Y. - Determining by means of radioactive tracers the functional residual lung capacity and uniformity of the pulmonary ventilation in normal persons and in experimental pulmonary processes. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:164-170 '87.

Kachayev, A.K. - Difficulties in forensic psychiatric evaluation of complicated forms of alcoholic intoxication. *Prak. psichiatrich. ekspert.* no. 2:55-56 '83.

Kadyraliev, A.K. - Electrocardiographic shifts in animals following acute hemorrhages under various conditions. *Sbor. nauch. rab. KGU* 43:34-36 '87.

Kalchayeva, L.T., Kalchayeva, R.K. - Differential diagnostic significance of isolated thyroiditis in the functional study of the thyroid gland in patients under treatment. *Sbor. nauch. rab. KGU* 43:154-155 '87.

Kalchayeva, R.K., Kilmashbekov, K.D., Lohov, M.L. - Significance of lymphography in the planning of radiotherapy in cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:153-155 '87.

Kharoshin, P.A. - Clinical and X-ray data on Krukenberg's sarcoma and primary reticulosarcoma of the ovaries. *Sbor. nauch. rab. KGU* 49 no. 2:14-22 '85.

Kharoshin, P.A., Milova, M.A., Baranov, I.U. - Using the histological method to determine the degree of revascularization of the heart following surgical treatment of an experimental aortic stenosis. *Grad. khir.* 7 no. 6:11-12 M-D '85.

Kharoshin, P.A., Dzhambayev, Y.Y. - Characteristics of X-ray detection of duodenal papilla cancer in young persons. *Voen.-med. khir.* no. 11:38-40 M '86.

Kharoshin, P.A. - New diagnostic test in chronic sinusitis. *Sbor. nauch. rab. KGU* 49 no. 2:144-145 '85.

Kharoshin, P.A., Chelidze, R.F. - Significance of bipolar thoracic leads in the diagnosis of coronary heart disease. *Sbor. nauch. rab. KGU* 49 no. 2:71-73 '85.

Kharoshin, P.A. and others. - Compound diagnosis of rabies. *Vop. virus.* 13 no. 4:170-174 M-Ag '86.

Kharoshin, P.A., Gerasimov, L.N. - Phonocardiography in isolated valvular stenosis of the pulmonary artery. *Kardiologiya* 6 no. 6:64-65 M-D '85.

Kharoshin, P.A., Astrakhanova, G.I. - Anomalous positions of the heart. *Grad. khir.* 7 no. 6:18-20 M-D '85.

Kharoshin, P.A. - Age-related characteristics of hemodynamic indices and the evaluation of various methods of their determination. *Vrach. delo* no. 7:73-75 M '86.

Kharoshin, P.A. and others. - Diagnosis of atypical forms of infectious hepatitis. *Vrach. delo* no. 7:84-87 M '86.

Kharoshin, P.A. - Clinical aspects of the Roudy-Oster disease. *Sbor. nauch. rab. KGU* 49 no. 2:135-136 '85.

Kharoshin, P.A., Kalchayeva, T.S. - Serial transarterial angiography in the diagnosis of tumors of the kidneys and upper urinary tract. *Klin. khir.* no. 2:39-40 M '86.

Kharoshin, P.A., Kadyraliev, F.A. - Neosteological methods of examination in tumors and tumorlike formations of soft tissues. *Vest. khir.* 100 no. 7:144-145 M '86.

Kharoshin, P.A. - Clinical aspects and differential diagnosis of depressive and paraneoplastic schizophrenia. *Prak. psichiatrich. ekspert.* no. 3:12-13 '83.

Kharoshin, P.A. - X-ray determination of the anastomotic angle of the femoral neck. *Klin. khir.* no. 1:44-45 M '85.

Kharoshin, P.A., Yuliyev, Y.Y. - Apparatus for the introduction of contrast media in stress pneumocardiography. *Voen.-med. khir.* no. 11:90 M '86.

Kharoshin, P.A., Kalchayeva, G.I. - Experience in the detection and elimination of cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:119-124 '87.

Kharoshin, P.A., and others. - Methodology of peritoneography in the diagnosis of tumors of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:140-145 '87.

Kharoshin, P.A., Turganbayev, A. - X-ray examination of the lymphatic system of the pelvis. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:133-140 '87.

Kharoshin, P.A., and others. - Some problems of clinical aspects, diagnosis, and surgical treatment of acute myocardial infarction in conjunction with other congenital cardiac defects. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:122-125 '87.

Kharoshin, P.A. - Diagnosis of Hashimoto's struma. *Klin. khir.* no. 5:66-72 M '84.

Kharoshin, P.A., Dzhambayev, P.L. - Comparative evaluation of tomography, bronchography, and bronchotomography in the diagnosis of acute diseases of the lungs. *Grad. khir.* 7 no. 6:81-84 M-D '85.

Kharoshin, P.A. - Discrimination between reactive peritonitis and paraneoplastic form of peritonitis. *Prak. psichiatrich. ekspert.* no. 3:12-13 '83.

Kharoshin, P.A. - Premature activation of the ventricles of the heart, the Wolf-Parkinson-White syndrome: clinical and electrocardiographic observation. *Kardiologiya* 6 no. 6:61-63 M-D '85.

Kharoshin, P.A., and others. - X-ray methods of detection of metastases and recurrences in cancer of the cervix uteri. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:126-130 '87.

Kharoshin, P.A. - X-ray examination of the esophagus in severe cases of achalasia. *Grad. khir.* 7 no. 6:90-92 M-D '85.

Kharoshin, P.A., Kalchayeva, B.A. - Determination of atypical localization of the gall by X-ray and radiological research. *Vest. khir.* 100 no. 7:144-145 M '86.

Kharoshin, P.A. - Study of the effectiveness of a fixative with polyvinyl alcohol for the diagnosis of intestinal tuberculosis. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:184-188 '87.

Kharoshin, P.A., Lohov, M.L., Kalchayeva, G.I. - Methodology of esophagography in esophageal cancer. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:163-165 '87.

Kharoshin, P.A., Kharoshin, A.A., Kharoshin, A.A. - Significance of statistical disorders in the etiologic diagnosis of tumors of the temporal lobe of the brain. *Khir. nerv. i psikh.* 88 no. 1:174-175 '84.

Kharoshin, P.A. - Subsequent diagnosis of schizophrenia in deeply psychopathic persons declared irresponsible according to forensic materials. *Prak. psichiatrich. ekspert.* no. 3:12-13 '83.

Kharoshin, P.A. - Role of endometrial biopsy in the diagnosis of female sterility. *Klin. khir.* no. 6:126-128 M-D '84.

Kharoshin, P.A. - Diagnosis of tuberculosis of the ribs. *Klin. khir.* no. 2:70-72 M '83.

Kharoshin, P.A. - Data on orotracheal electrocardiography of the degeneration and regeneration of the facial nerve following total and subtotal parathyroidectomy. *Trudy TSU* 11:118-121 '85.

Kharoshin, P.A. - Absorption of radioactive iodine by the thyroid gland and the protein formula of the blood serum as a criterion of the severity of the clinical aspects of thyroiditis. *Klin. khir.* no. 6:12-14 M '84.

Kharoshin, P.A. - Some methodological principles in determining the beginning of a disease. *Dokl. exp. fiz. i khim.* 70:88 '86.

Kharoshin, P.A., Kalchayeva, L.S. - Clinical and electrocardiographic comparisons in evaluating the efficacy prior to pulmonary resection. *Grad. khir.* 7 no. 6:85-86 M-D '85.

Kharoshin, P.A. - Differential diagnosis of acute respiratory diseases. *Vrach. delo* no. 7:100-102 M '82.

Kharoshin, P.A. - Electrocardiographic and differential diagnosis of vertigo. *Voen.-med. khir.* no. 12:41-47 D '86.

Kharoshin, P.A. - X-ray diagnosis in rupture of the knee joint ligaments. *Vest. khir.* 100 no. 7:133-134 M '86.

Kharoshin, P.A. - Early detection, diagnosis, and treatment of congenital hip dislocation. *Sbor. nauch. rab. KGU* 43:163-168 '87.

X-ray diagnosis of echinococcosis of the lungs. *Sbor. nauch. rab. KGU* 49 no. 2:13-15 '85.

Zhigalkina, V.M., and others. - Cholecystitis, pancreatitis and angiocardiology in the diagnosis of cardiac defects. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:64-65 '87.

Zhigalkina, V.M. - Clinical aspects, diagnosis, and results of surgical treatment of aortic aneurysms. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:70-75 '87.

Kharoshin, P.A. - Diagnosis and treatment of bronchitis and pneumonia. *Voen.-med. khir.* no. 11:92-93 M '86.

Kharoshin, P.A. - Phonocardiography in tricuspid stenosis. *Grad. khir.* 7 no. 6:30-32 M-D '85.

Kharoshin, P.A., Ushakov, L.A. - Electron-microscopic study of the human myocardium in congenital and acquired cardiac defects. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:161-167 '87.

616.07 (578.2) - Kirghiz S.S.R.

Turashov, D.Y., Brilantova, L.A. - Electrocardiographic characteristics of the cardiac activity in children, native residents of different types of highlands. *Sbor. nauch. rab. KGU* 43:11-12 '87.

616.888 Surgical, operative techniques

Abasov, I.T. - Treatment of acute pancreatitis with enzyme inhibitors. *Klin. khir.* no. 6:54-55 M '84.

Abasov, I.T. - Nephropathy. *Klin. khir.* no. 6:76 M '83.

Abrakha, B.A., Kilmashbekov, K.D. - Dynamics of clinical-electrocardiographic indices following surgical intervention in acute myocardial infarct. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:104-105 '87.

Abrakha, B.A., Kalchayeva, V.I. - Characteristics of the administration of narcotics in surgical intervention for acute myocardial infarct. *Trudy Kazakh. inst. klin. i eksp. khir.* 13:112-115 '87.

Adams, A.A. - Case of an umbilical hernia. *Klin. khir.* no. 6:52-53 M '85.

Akopova, A.L. - Results of the transplantation of osseous homographs preserved by different methods: experimental study. *Sbor. nauch. rab. KGU* 49 no. 2:88-94 '85.

Akrasov, N.K. - Arterial anastomosis exceeding linear incommensurability. *Sbor. nauch. rab. KGU* 43:74-80 '87.

Alchayeva, V.E. - Relative isolation of the arterial blood supply of the right and left half of the liver. *Klin. khir.* no. 6:8-9 M '84.

Alchayeva, V.E. - Evaluation of some surgical access to operations on the "dry" heart. *Klin. khir.* no. 6:38-39 M '84.

Amarian, P.S. - Anesthesia in surgical interventions for paronychia. *Sbor. nauch. rab. KGU* 49 no. 2:220-222 '85.

Anisov, A.M., Baryshnikov, A.I. - Indications to the Roux-Yoo bariatricomy. *Klin. khir.* no. 6:38-40 M '83.

Arin, L.L. - Morphological changes in the initial period of the small intestine following resection of the mesentery. *Arch. pat.* 30 no. 10:47-48 '84.

Arin, L.L., Kharoshin, P.A. - Effects of changes of the acidic banding of erythrocytes (acidic erythrocytes) following resection of the peripheral nerves. *Sbor. nauch. rab. KGU* 49 no. 2:30-32 '85.

Arin, L.L. - Surgical treatment of echinococcosis of the central nervous system. *Klin. khir.* no. 6:3-10 M '83.

(64,000 (Continued))

- Aravina, M. K. - Physiological characteristics of the sternocleidomastoid muscle in congenital muscular torticollis before and after surgery. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:378-380 '64.
- Baber, A. A. - Use of capron tissues in resection of the liver for echinococcosis. *Klin. khir.* no. 6:82-88 May '63.
- Beshtan, Kh. A. - Some problems of early operative intervention in congenital harelip. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:185-187 '63.
- Balskersev, Z. - Closed cranioerebral wound in children. *Sbor. stud. rab. KGMi* no. 10:11-14 '66.
- Balitskii, V. V., and others. - Acute hypertension of the lesser circulation following surgery under conditions of extracorporeal perfusion. *Grad. khir.* 7 no. 6:53-58 M-D '66.
- Bass, M. M. - Foreign bodies left in the abdominal cavity during operations. *Klin. khir.* no. 6:84-86 May '63.
- Beshtan, R. A. - Motor function of the stomach following experimental resection. *Zhurn. eksp. i klin. med.* 5 no. 8:41-46 '65.
- Bekasova, A. A. - Intravenous anesthesia in surgical operations on the extremities. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:283-285 '66.
- Bekasova, A. A. - Treatment of injuries to the carotid arteries. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:253-254 '66.
- Beletskii, L. M. - Immediate and late results of surgical treatment of inflammatory diseases of the submaxillary gland. *Alksh. i gin.* 40 no. 6:53-59 M-D '64.
- Belianina, S. P. - Cervical surgery. *Klin. khir.* no. 4:46-48 Ap '63.
- Beringina, A. A. - Observations of the changes in the motor endings of nerves of the musculature gastrocnemius in dogs following application of prostheses to the sciatic nerves under conditions of a prolonged experiment. *Trudy TSU* 91:50-55 '66.
- Bil'shchik, L. T. - Anesthesia of the bone marrow of the ilium wing bones. *Klin. khir.* no. 1:95-96 Ja '64.
- Bogatyrev, M. F. - Diagnosis and treatment of mesocolic injuries. *Klin. khir.* no. 1:88-89 Ja '64.
- Borisev, S. - Anesthesia in newborn and infants. *Sbor. stud. rab. KGMi* no. 10:9-11 '66.
- Borisev, V. G. - Use of muscle relaxants in intravenous anesthesia. *Klin. khir.* no. 8:64-66 Ag '63.
- Borovkov, S. A. - Thoracotomy in operations on the liver. *Vest. khir.* 100 no. 7:43-46 JI '66.
- Borovkov, S. M. - Intrathoracic gullet with the esophagus syndrome of the vena cava superior. *Klin. khir.* no. 6:85-90 Je '64.
- Cherkina, Dikarev, Borisov. - New restorative Kaprinov-Zakharov method in surgery on the stomach, using a graft of the small intestine. *Sbor. stud. rab. KGMi* no. 10:14 '66.
- Danilevich, M. V. - Late results of mitral commissurotomy. *Klin. khir.* no. 8:24-29 May '64.
- Dedkov, I. P., Mhasosov, D. V. - Methods of resection of the rectum for cancer. *Klin. khir.* no. 4:27-30 Ap '63.
- Dedovich, B. V., Krasanova, M. V. - Bilateral resection of the lungs in pulmonary tuberculosis. *Grad. khir.* 7 no. 6:74-76 M-D '66.
- Dezharova, L. G. - Choice of anesthesia in gynecological operations. *Alksh. i gin.* 40 no. 6:71-75 M-D '64.
- Dezharova, L. G., and others. - Clinical aspects and surgical treatment of chronic nonspecific inflammatory pulmonary diseases. *Klin. khir.* no. 8:10-10 May '64.
- Dezhnev, E. G. - Appendicitis and pregnancy. *Alksh. i gin.* 40 no. 6:49-53 M-D '64.
- Depal, A. E., Pivovarov, D. T. - Hemorrhage and blood transfusion during radical operations on the lungs. *Klin. khir.* no. 8:18-18 May '64.
- Dezhnev, L. M. - Postnatal development of congenital rhythmic motor activity in rabbits following the removal of the vagus-sympathetic ganglia. *Biol. eksp. med. i med. biol.* 90 no. 10:3-7 O '63.
- D'yachuk, K. P. - Use of alloplastic materials in surgery. *Klin. khir.* no. 1:73-73 Ja '63.
- Dobrova, M. B., and others. - Effect of the structure of a vascular prosthesis on its functions. *Klin. khir.* no. 3:23-28 Mr '63.
- Dolobskii, S. I. A. - Principles of operative technique in surgery on children. *Klin. khir.* no. 3:8-10 Mr '64.
- Dolobskii, O. V., Chernyshenko, L. V. - Lymphatic vessels of the skin and subcutaneous tissues of Pflafer's graft. *Klin. khir.* no. 3:18-19 Mr '64.
- Dosymbetova, M. K., Krivits, M. A. - Diathermocoagulation as an effective method of treating preinvasive and invasive diseases of the cervix uteri. *Trudy Kazakh. med. -issl. inst. onk. i radiol.* 3:138-139 '67.
- Dudko, M. K., Muravits, B. A., Furmanov, I. A. - Effect of the new anticoagulant synanthrin-C (synanthrol) in experimental allotransplantation of the abdominal portion of the aorta in dogs. *Klin. khir.* no. 6:24-26 Je '63.
- Dvuchinskii, N. D. - Changes of serum proteins in pancreatic necrosis. *Klin. khir.* no. 6:24-40 Je '64.
- Eshelov, F. A. - Prevention of postoperative thrombophlebitis. *Klin. khir.* no. 8:17-21 Ag '63.
- Kl'mov-Bel'kov, V. I. - Treatment of strabismus of the cervical canal using an alloplastic frame. *Alksh. i gin.* 40 no. 6:90-92 M-D '64.
- Epstein, I. A. G. - Surgical approach to the spleen and convex surface of the liver. *Klin. khir.* no. 5:40-43 May '63.
- Fad'ko, S. V., Rudenko, R. M. - Perforation of peptic esophageal ulcer into the left pleural cavity. *Klin. khir.* no. 6:84-85 Je '64.
- Fedorovskii, P. M. - Some modification and late results of nephrectomy by porocoma. *Klin. khir.* no. 4:82-84 Ap '64.
- Fedorov, K. A. - Some regularities in the distribution and discharge of ether during anesthesia. *K. A. Fedorov. Klin. khir.* no. 8:60-64 Ag '63.
- Milits, V. I. - Prethoracic segmental plastic surgery of the thoracic portion of the esophagus in cancer. *Vest. khir.* 100 no. 7:118-122 JI '66.
- Flager, M. G., Kosachavskii, R. T. - Use of novocaine anesthesia. *Sbor. nauch. tr. KGMi* 43:148-171 '67.
- Fractional anesthesia in lumbosacral radiculitis. *K. A. Fed'kov. Klin. khir.* no. 8:65-67 May '63.
- Frankov, R. B. - Use of fibrothene for anesthesia in operations in early childhood. *Klin. khir.* no. 3:72-73 Mr '64.
- Gel'fand, S. M., Andrushev, G. M., Gel'fand, S. M. - Substitution of the closed-method treatment of epithelial cysts of the sacrococcygeal area. *Zhurn. eksp. i klin. med.* 5 no. 6:26-29 '66.
- Gerasimov, V. L. - Clinical aspects and treatment of pulmonary cancer. *Klin. khir.* no. 4:13-17 Ap '63.
- Gerasimov, M. L. - Costovertebral osteotomy; indications and operative technique. *Grad. khir.* 7 no. 6:66-73 M-D '66.
- Gavrilov, V. A. - Significance of the interrelation of the venous plexus of the vagina of the genital organs and the portal vein in surgical and obstetric-gynecological practice. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:309-311 '65.
- Gil'vinski, E. M. - Vaginal modification of the "Mittelsch tampon." *Alksh. i gin.* 40 no. 6:101-103 M-D '64.
- Gulyash, A. I., and others. - Steroid hormones. *Klin. khir.* no. 4:42-43 Ap '64.
- Gulian, I. P. - Free skin grafting in repairing atrophic deformations of the oral mucosa following gun wounds. *Vest. med. khir.* no. 1:119-121 D '63.
- Gulovskii, V. A. - Several components of modern combined anesthesia. *Klin. khir.* no. 8:53-56 Ag '63.
- Gulovskii, M. F. - Preparation of patients with prolonged suppurative pulmonary processes to radical operations. *Klin. khir.* no. 6:82-84 Je '64.
- Goncharov, V. V. - Use of fluoroplastic in plastic surgery on vagus tendons. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:223-224 '66.
- Gorbatko, A. L. - Arteriovenous anastomosis of the right thyroid vessels complicating strumectomy. *Klin. khir.* no. 4:44-45 Ap '63.
- Gorelik, M. M. - Surgical anatomy of the inguinal canal. *Klin. khir.* no. 6:75-78 Ag '63.
- Goslay, V. E. - Metastatic osteomyelitis in rupture of the symphysis. *Vest. khir.* 100 no. 7:133-135 JI '66.
- Grigor'ev, A. V., and others. - Bronchopneumonic and bronchographic examination in evaluating the functional state of an operated lung. *Grad. khir.* 7 no. 6:60-67 M-D '66.
- Gulberg, I. Kh. - Cavernous lymphangiomas of the mesogastrium. *Klin. khir.* no. 4:78-77 Ap '64.
- Iablonovskii, O. M. - Complications following the administration of intratracheal ether and oxygen anesthesia. *Klin. khir.* no. 1:76-77 Ja '63.
- Iakovlev, I. A. - Laryngeal paralysis and application of prostheses to the inferior laryngeal nerves. *Trudy TSU* 91:161-164 '66.
- Iampol'skii, V. L., Karanov, M. V. - Interosseous access through the Oryzali's-Lessell's triangle in the removal of neoplasms. *Klin. khir.* no. 4:60-63 Ap '64.
- Iankovskii, I. E. - Formation of an artificial vagina from the rectum. *Alksh. i gin.* 40 no. 6:83-84 M-D '64.
- Iankovskii, D. M. - Tracheotomy with the insertion of a bronchoscope tube in compressive tracheal stenosis. *Klin. khir.* no. 1:78-78 Ja '63.
- Iakov, I. I. - Analysis of lethality in acute intestinal obstruction. *Klin. khir.* no. 3:88 Ag '66.
- Iofe, L. M., Bolodov, M. A., Kabanovskii, T. K. - Changes in the bronchial pathway in mitral stenosis following mitral commissurotomy. *Trudy Kazakh. med. i med. biol.* 13:43-44 '67.
- Iankov, I. G. - Monoplasty in traumatology and orthopedics. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:2-4 '66.
- Iud'nikov, I. A. - Some physiological parameters in degeneration and regeneration processes of the spinal nerve under experimental conditions. *Trudy TSU* 91:82-86 '66.
- Iud'nikov, V. V. - Combined repair of an arterial defect by a venous autograft and lumen prosthesis. *Klin. khir.* no. 8:75-76 Je '63.
- Ivanov, V. L., Krasnov, D. I. - Anesthesia in patients with severe trauma. *Klin. khir.* no. 4:33-34 Ap '64.
- Ivanovskii, K. I., Ivleva, I. I., Kella, M. P. - Changes in excretion of 11-ketosteroids in surgical treatment of mitral heart defect with preexcitation of stenosis. *Vest. khir.* 100 no. 7:122-123 JI '66.
- Ivlev, O. M. - Results of suturing the median and minor nerves in various periods of the operative intervention. *Vest. khir.* 100 no. 7:74-82 JI '66.
- Kadachinskii, T. A., Kosharenko, A. K. - Difficulties in the diagnosis of isolated lymphogranulomatosis of the gastrointestinal tract. *Klin. khir.* no. 4:9-13 Ap '64.
- Kal'chanko, I. I. - Immediate and late results in the treatment of profusely ulcerous gastroduodenal hemorrhage. *Klin. khir.* no. 8:32-41 F '63.
- Kalishin, T. V. - Some errors in the use of the PCK-20 apparatus during gastroscopy and resection of the caudal region of the stomach. *Trudy Kazakh. med. -issl. inst. onk. i radiol.* 3:167-169 '67.
- Kaplanovskii, M. L. - Allotransplantation of an artificial vagina. *Alksh. i gin.* 40 no. 6:90-97 M-D '64.
- Karavayev, A. G. - Two cases of pancreatic adenoma. *Klin. khir.* no. 6:80-83 Je '64.
- Karavayev, G. G., Korotkova, E. I. A. - Surgical treatment of hydrocele testis. *Klin. khir.* no. 6:30-38 Mr '63.
- Karavayev, G. G. - Operative transillumination of the duodenum for determining the permeability of Vater's papilla. *Klin. khir.* no. 6:79-80 Je '64.
- Karavayev, A. M. - Perforation of nonspecific ulcers of the small intestine. *Klin. khir.* no. 4:34-40 Ap '64.
- Karimova, D., Kula, V. - Preparing patients with thyrotoxic gullet for surgery. *Sbor. stud. rab. KGMi* no. 10:8 '66.
- Kandachov, D. K. - Clamping of blood vessels. *Sbor. nauch. tr. KGMi* 43:37-38 '67.
- Kashchinskii, O. K. - Pathohistological changes in a free skin graft with and without biological glue. *Sbor. nauch. tr. Krev. nach. issl. inst. travn. i ort.* no. 8:107-110 '65.
- Khachik, I. A. B. - Projection of the vena cava superior. *Klin. khir.* no. 4:87-90 Ap '64.
- Khamidov, V. L. - In revascularization of the myocardium possible following experimental implantation of a mammary interna artery? *Klin. khir.* no. 3:14-16 Mr '63.
- Khomchenko, D. G., Shoshin, L. - Longitudinal sternotomy in intrathoracic gullet. *Klin. khir.* no. 4:90-91 Ap '63.
- Khranov, A. I. - Repeated operation on a single kidney. *Klin. khir.* no. 4:86-87 Ap '63.
- Khrushchinskii, T. B., Milner, M. A., Beronov, I. U. K. - Using the luminescent method to determine the degree of revascularization of the heart following surgical treatment of an experimental cardiac ischemia. *Grad. khir.* 7 no. 6:11-13 M-D '66.
- Khrushchinskii, S. D. - Concerning M. V. Kholostov's article "Causes and frequency of empyema and bronchial fistulas following lung surgery." *Klin. khir.* no. 4:53-54 Ap '63.
- Klimchinskii, E. M. - Unequal effect of local anesthesia in different age periods. *Klin. khir.* no. 3:66-71 Mr '64.
- Kirillov, B. P. - Concerning R. Sh. Dzhennet's article "Experiences in the grafting of tissues to the heart in chronic coronary insufficiency." *Klin. khir.* no. 1:61-66 Ja '63.
- Klimchinskii, T. P. - Ligation of hypogastric and ovarian arteries under experimental conditions. *Alksh. i gin.* 40 no. 6:120-125 M-D '64.
- Kolomoys, S. A., and others. - Surgery on the heart using the Soviet artificial circulation apparatus AIK-83, constructed by the Scientific Research Institute of Experimental Surgical Equipment and Instruments. *Grad. khir.* 7 no. 6:7-11 M-D '66.
- Kolomoys, A. P., Morozov, V. G. - Repeated thoracotomy in early complications following intrathoracic surgery. *Grad. khir.* 7 no. 6:3-6 M-D '66.
- Komarov, B. D., Kryzhanov, K. B. - X-ray diagnosis of aneurysms of the thoracic portion of the aorta in the light of surgical treatment. *Grad. khir.* 7 no. 6:38-44 M-D '66.
- Komarovskii, I. I. - Peptic ulcer of a transplanted of the small intestine as a complication following jejuno-gastroplasty. *Klin. khir.* no. 8:30-31 Ag '63.
- Korotkova, A. F. - Neo- and colostomy; experimental study. *Klin. khir.* no. 6:26-28 May '63.
- Korotkova, V. P. - Bronchopneumonia following mitral commissurotomy. *Trudy Kazakh. med. i med. biol.* 13:45-46 '67.
- Korotkova, M. A. - Application of prostheses to the sciatic nerves in rabbits and dogs. *Trudy TSU* 91:37-40 '66.
- Kotigev, I. A. - Methods of isolation anesthesia for children in general surgery hospitals. *Klin. khir.* no. 3:63-67 Mr '63.
- Kovalenko, V. R. - Surgical treatment of acute superficial thrombophlebitis. *Klin. khir.* no. 6:21-24 Ag '63.
- Kozin, I. A. - Principles of surgical treatment of residual deformations of the upper lip and nose following surgery for unilateral cleft lip and palate. *Vest. khir.* 100 no. 7:93-100 JI '66.
- Kozlov, V. G. - Alcohol analgesia following surgery on the heart. *Trudy Kazakh. med. i med. biol.* 13:151-154 '67.
- Krasovskii, V. V., Morozov, B. F. - Collapse and postoperative pulmonary edema in children. *Grad. khir.* 7 no. 6:88-90 M-D '66.
- Kravchenko, E. P., Tatarovskii, I. V. - Selection of a method of anesthesia in surgical treatment of acute intestinal obstruction. *Klin. khir.* no. 8:44-48 Ag '63.

88,000 (Continued)

- Kristof, A. M., Kishish, L. V. - Plastic surgery on large arterial vessels. *Klin. khir.* no. 5:94-96 May '64.
- Kucherenko, A. K. - Electrocardiographic changes in surgery on the abdominal cavity. *Klin. khir.* no. 2: 52-53 Feb '63.
- Kushakovskii, O. K. - Local analgesic effect of subcutaneously administered nitroglucose in endarteritis obliterans. *Klin. khir.* no. 1:77-78 Jan '63.
- Kushakovskii, V. I. - Giant rhomboidoma of the axillary region. *Vest. khir.* 101 no. 7:133-139 Jul '60.
- Kuzin, M. L., Kiseleva, N. V. - Pathological changes in the upper respiratory tract related to tobacco use. *Klin. khir.* no. 2:58-60 Feb '64.
- Kuzin, M. L., Kostin, N. V., Kopteva, T. N. - Late results of surgical treatment of myasthenia. *Zmer. nerv. patol.* 63 no. 12:1003-1005 '63.
- Kuzin, M. L., Zochkov, V. I., Pospelov, P. M. - Use of hemilaminectomy in anesthesiology. *Vest. khir.* 101 no. 7: 109-109 Jul '60.
- Kuvshinov, E. M., Tushenko, X. G. - Application of endotracheal ether anesthesia in brain malformation. *Klin. khir.* no. 2:80-81 Mar '64.
- Lakhtovskii, M. M., Mironov, L. A., Polinskii, D. K. - Anesthesia in surgery on the extracranial biliary ducts. *Klin. khir.* no. 2:82-83 Mar '63.
- Lian, M. V., Akhmetshina, Kh. A. - Ganglionic blockade without hypotension in oncological surgery on organs of the small pelvis. *Trudy Kazakh. nauch.-issl. inst. onkol. i radiol.* 2:178-180 '67.
- Lisov, S. L., Kotovich, L. K. - Radical surgical treatment of streptococcal destructions of the lungs in children. *Klin. khir.* no. 6:10-12 May '64.
- Lisitsky, V. M., Arsenov, O. V. - Morphology of the healing of a canine wound. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:99-103 '67.
- Lukich, V. L., Krivonozov, N. A., Krivonozov, M. G. - Intracranial barytine anesthesia. *Klin. khir.* no. 6: 88-90 Aug '63.
- Makarov, A. V., Goev, I. A., Rotenberg, L. G. - Use of paravertebral cholangiography in mechanical jaundice. *Klin. khir.* no. 6:8-10 Jan '64.
- Makobina, M. S. - Surgical treatment of acute cholecystitis. *Klin. khir.* no. 6:10-14 Jan '64.
- Mallory, G. D. - Late results of a case of resection of the distal portion of the cervical portion of the esophagus. *Grud. khir.* 7 no. 8:111 N-D '63.
- Malyshov, I. U., and others. - Postoperative change in water and salt balance following surgery for diseases of the thoracic organs. *Vest. khir.* 101 no. 7:121-123 Jul '60.
- Mamonov, V. V. - Anatomophysiological substantiation of the access to the right ventricle of the heart. *Vest. khir.* 101 no. 7:124-124 Jul '60.
- Maselis, S. G., Krevchenko, E. P. - Surgical treatment of chronic multiple pulmonary abscesses in children. *Klin. khir.* no. 2:46-52 Mar '64.
- Mikroy, I. N., Mironovskiy, M. S. - Effect of operative intervention on the state of coagulation and anticoagulation blood systems in diabetes mellitus. *Vest. khir.* 101 no. 7:125-126 Jul '60.
- Mishchenko, R. V. - Case of a cloacal stenosis of duodenal jejunal anastomosis following gastric resection, using a small-intestine transplant. *Klin. khir.* no. 6: 82-84 Aug '63.
- Mishchenko, I. M. - Methodology of removal of large "tumors" of the anterior abdominal wall. *Klin. khir.* no. 4:73-75 Apr '64.
- Mishchenko, B. L. - Closure of a defect of the anterior abdominal wall by a pedicled flap of the lumbar fascia lata. *Klin. khir.* no. 6:94 Jan '64.
- Mizurki, M. P. - Causes of lethality in acute bacterial cholecystitis. *Klin. khir.* no. 6:44-44 Aug '63.
- Molodtsov, K. - Experience in vacuum-extraction. *Alkash. i gbn.* 40 no. 6:122-128 N-D '64.
- Molodtsov, L. A. - Surgery on the blood vessels and nerves in thermal burns and radiation sickness. *Klin. khir.* no. 2:84-88 Mar '63.
- Mordukhaiyev, V. M. - Some biomechanical examinations of the patients following amputation of the thigh, and their significance for the study of late results of the application of prostheses. *Sbor. nauch. rab. KJMG* 42:175-180 '67.
- Murphy, D. D. - Jejunocolic ectopy of the testis. *Klin. khir.* no. 2:30-34 Mar '63.
- Murza-Ayskhan, G. L. - Suppurative complications in cases of the large intestine. *Zmer. onkol. i khir. med.* 6 no. 6:66-70 '66.
- Murzaev, A. P. - Tumors of the small intestine. *Klin. khir.* no. 6:42-48 May '63.
- Mitrova, L. A., Turenstskii, L. G. - Anesthesia in surgery on patients in a state of traumatic shock. *Klin. khir.* no. 1:68-73 Jan '63.
- Murov, M. A. - Device for the fixation and detachment of an organ being ligated from the surrounding tissues, and a method of performing a double parallel ligature. *Klin. khir.* no. 1:66-67 Jan '64.
- Muraviev, V. G. - Prevention of postoperative thromboses and embolisms. *Klin. khir.* no. 6:18-17 Aug '63.
- Movshin, M. B. - Results of surgical treatment of cerebrovascular thrombosis based on materials of the Armenian State Tuberculosis Hospital during the period 1961-1963. *Sbor. nauch. rab. Khir. nauch.-issl. inst. truma. i ort.* no. 8:119-123 '63.

- Mukha, V. G. - Surgical treatment of tuberculous and chronic nonspecific parotitis. *Klin. khir.* no. 2:43-50 Mar '63.
- Muravskii, I. U., Tuman, V. G. - Topography of the superior vena cava, heart and pulmonary artery in the left period following lobectomy. *Vest. khir.* 101 no. 6: 34-43 Jul '60.
- Musylo, K. A., and others. - Our experience in the surgical treatment of elderly and senile patients. *Klin. khir.* no. 6:46-50 May '63.
- Nepok, G. D. - Closure of pulmonary wounds with Bragdon's garland suture. *Klin. khir.* no. 4:66-67 Apr '64.
- Neryshov, O. A., Rozova, E. V. - Pseudocystoma of the peritoneum emerging from cysts of the vermiform process. *Klin. khir.* no. 4:78-79 Apr '64.
- Nechal, A. I. - Leucocytic reaction to surgery on the brain and spinal cord under local anesthesia and hypothermia. *Klin. khir.* no. 6:80-80 Jan '63.
- Nichiporenko, P. P. - Comparative evaluation of late results of the type and extent of resection of the stomach for peptic ulcer. *Klin. khir.* no. 6:49-56 Feb '64.
- Nikol'skii, A. D. - Hypnotic sleep in surgical interventions in the pre- and postoperative periods. *Klin. khir.* no. 6:86 Aug '63.
- Nugayev, N. K. - Removal of a gland anastomosis of the right temporal artery. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:91-93 '67.
- Nugayev, N. K. - Role of the thyroid gland in neural anastomosis before and following radical ovariectomy. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:47-51 '67.
- Ogih, P. K., Lashin, A. M. - Thyroiditis crisis and methods of its elimination. *Klin. khir.* no. 6:83-86 May '64.
- Oguz, R. V. - Application of metallic prostheses to nerves. *Trudy TGU* 91:6-17 '64.
- Oguz, R. V., Beshagina, A. A. - Change in the peripheral portions of innervated and prosthetic-provided sciatic nerves in monkeys. *Trudy TGU* 91:22-24 '64.
- Oleshchik, I. B. - Diagnosis and treatment of cancer of the appendix. *Klin. khir.* no. 1:36-37 Jan '64.
- Oshchinskii, V. I. - Prophylactic vasectomy in tuberculous of the male genitalia. *Klin. khir.* no. 4:66-66 Apr '63.
- Parfomov, D. P. - Autopsy data on postoperative thromboses and embolisms. *Klin. khir.* no. 6:84-85 Feb '63.
- Pekid, A. S. - Generative functions of women following conservative hysterectomy. *Alkash. i gbn.* 40 no. 6: 107-111 N-D '64.
- Perelman, M. I., Epstein, T. V. - Resection of the lungs at the peak of pulmonary hemorrhages in tuberculosis. *Grud. khir.* 7 no. 6:75-81 '66.
- Parshin, O. G. - Use of diodes in surgical practice. *Vest. khir.* no. 1:106-106 N '63.
- Platashin, P. U., Kirovskii, V. D. - Late complications of intubation anesthesia. *Klin. khir.* no. 1:78-78 Jan '63.
- Platashin, I. A. - Possibilities of alloplasty on veins under experimental conditions. *Klin. khir.* no. 2: 14-15 Mar '63.
- Platashin, A. L., and others. - Some characteristics of the treatment of neural stenosis following neuritis. *Klin. khir.* no. 1:80-82 Jan '63.
- Pokid'ko, T. D., Ponomarev, N. M. - Experience in the treatment of fibrous tumors. *Sbor. nauch. rab. KJMG* 44 no. 8:77-81 '67.
- Pokid'ko, I. A. - Modification of surgery for inguinal hernias. *Klin. khir.* no. 6:76-77 Aug '63.
- Pokrovskii, A. V., and others. - Some problems of clinical aspects, diagnosis, and surgical treatment of patent ductus arteriosus in conjunction with other congenital cardiac defects. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:63-68 '67.
- Pokrovskii, A. V., Mesentsev, V. P., Potanikha, E. V. - Characteristics of suture material used in vascular surgery. *Vest. khir.* 101 no. 7:127-127 Jul '60.
- Pokrovskii, M. P., Chernak, V. I. - Conducting the stimulation of a nerve provided with a metallic connective prosthesis. *Trudy TGU* 91:308-314 '64.
- Pokrovskii, M. G. - Classification of pyloroduodenal stenosis of various etiology. *Klin. khir.* no. 6:26-28 Aug '63.
- Pokrovskii, L. V., Kotslevskii, S. E. - Comparative evaluation of immediate and late results of conservative and surgical treatment of patients with cholelithiasis. *Klin. khir.* no. 6:34-38 Jan '64.
- Ponomarev, L. E. - Diagnosis of Hashimoto's struma. *Klin. khir.* no. 6:66-71 May '64.
- Popov, R. K., and others. - Significance of electroimpulse therapy on clinical aspects and surgical treatment of atrial stenosis complicated by cardiac fibrillation. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:11-15 '67.
- Pravoslavskii, Y. I. - Transcutaneous aortic and arteriography. *Klin. khir.* no. 6:40-44 May '64.
- Pustov, A. T., Shukla, D. M., Turenko, M. V. - Some subcutaneous functions in surgery under automatic intratracheal ether narcosis and inhibition of vegetative reflexes during corticosteroid treatment. *Klin. khir.* no. 1:84-88 Jan '63.
- Rodionov, V. V. - Postoperative mortality in pulmonary cancer. *Klin. khir.* no. 6:18-24 Aug '63.
- Rogal', P. D. - Technique of closure of a complete perineal fistula following paraproctodeal resection. *Klin. khir.* no. 6:83-83 Jan '64.
- Rol, Y. P. - Early postoperative adhesive intestinal obstruction in children. *Klin. khir.* no. 2:30-34 Mar '64.

- Roschinskii, A. A. - Late results of surgery for the formation of an artificial vagina from segments of intestinal loops. *Alkash. i gbn.* 40 no. 6:106-108 N-D '64.
- Rozental'd, E. I. A., Mergol'd, K. P. - Postural blood circulation reactions and preventive methods in practical laparotomies. *Alkash. i gbn.* 44 no. 6:66-66 N-D '64.
- Robetskaia, V. P. - Leiomyoma of the small intestine. *Klin. khir.* no. 4:78-79 Apr '64.
- Rozikov, A. B., Kuchikov, M. P. - Experience in the replacing of the proximal end of the ileum with an artificial homotransplant in a hospital. *Vest. med. nauch.* no. 12:775 D '63.
- Shaliev, M. S. - Blood transfusion operation in the treatment of blood circulation disorders following experimental poisoning by snake venom. *Sbor. nauch. rab. KJMG* 40:50-53 '66.
- Shklov, M. V., Rozinskaya, L. M. - Use of monocryl in surgery. *Vest. khir.* 101 no. 7:109-110 Jul '60.
- Shklovskii, V. O., Aliphatov, M. Kh., Sedgizov, M. A. - Treatment of tuberculous lymphadenitis. *Sbor. nauch. rab. Khir. nauch.-issl. inst. truma. i ort.* no. 8:103-107 '63.
- Shukla, B. T. - Pathogenesis of postoperative thrombotic thrombocytopenic syndrome in the postoperative period. *Klin. khir.* no. 6:83-83 Jan '64.
- Suk-Usserov, S. M. - State of the bronchial arteries in experimental solitary ligations of vessels and break of the lung. *Klin. khir.* no. 6:18-23 May '64.
- Sergievskii, V. S., and others. - Open heart surgical treatment of cardiac defects under hypothermia. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:61-63 '67.
- Sergievskii, V. S., Lisitsky, V. V., Semenov, G. V. - Supplemental vascularization of the myocardium following surgical treatment of congenital and acquired cardiac defects. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:64-67 '67.
- Sergievskii, V. S., Tsova, L. A. - Experimental surgical intervention on low secondary arteries. *Trudy Kazakh. nauch.-issl. inst. khir.* 13:118-118 '67.
- Shukir-Ahmed, R. I. A. - Methodology of orthoplastic in hypoplasia in children. *Vest. khir.* 101 no. 7:142-144 Jul '60.
- Shapiro, G. D. - Selection of method of esophageal bougienage in aortic stenosis in children. *Klin. khir.* no. 6:79-80 Mar '64.
- Shapkin, V. S. - Intracranial stereotaxicotomy as an approach for operation on the liver. *Klin. khir.* no. 6:17-20 Jan '64.
- Shuklovskii, M. V., Iyashov, S. D. - Case of unusual localization of a pulmonary fibroma. *Grud. khir.* 7 no. 6:108-108 N-D '63.
- Shuklovskii, B. A., Nizalov, B. M. - Public osteitis following surgery on the urogenital organs. *Klin. khir.* no. 6: 86-86 Jan '64.
- Shostak, I. I. - Alloplasty in abdominal hernias. *Klin. khir.* no. 6:68-70 Aug '63.
- Shuglov, A. I. - Early symptom of deoxygenation in anesthesia. *Vest. khir.* 101 no. 7:144-144 Jul '60.
- Shuklovskii, L. M., Izhimskii, L. S. - Mechanisms of acute hemolysis following operation on the heart. *Klin. khir.* no. 6:123-123 May '64.
- Shuklovskii, R. V. - Clinical aspects and treatment of eukyroid goiter and thyrotoxicosis with lymphoid infiltration. *Klin. khir.* no. 6:30-30 May '63.
- Shuklovskii, M. V. - Simple suture of the small intestine. *Klin. khir.* no. 4:38-38 Apr '64.
- Shuklovskii, L. S. - Neuroleptic block of reflexogenic zones in modern general anesthesia in gynecological operations. *Alkash. i gbn.* 40 no. 6:80-80 N-D '64.
- Shuklovskii, D. P., and others. - Our experience in anesthesia in operations for thyrotoxicosis. *Klin. khir.* no. 6:29-29 May '64.
- Shuklovskii, E. A. - Characteristics of denervation and reinnervation processes of the pinnal muscles in dogs following specific metallic conductor application in intraneural focal nerves. *Trudy TGU* 91:107-123 '64.
- Shuklovskii, K. A. - Data on extensive electrodiagnosis and electrocardiography of the degeneration and regeneration of the facial nerve following tracheotomy-conductor-equipped prostheses application. *Trudy TGU* 91:123-124 '64.
- Shuklovskii, E. A. - Heterogenic regeneration of the facial nerve following its grafting with the central segment of the hypoglossal nerve. *Trudy TGU* 91:124-128 '64.
- Shuklovskii, K. A. - Histopathology of the nerve trunk in the region where special metallic conductors have been introduced. *Trudy TGU* 91:100-100 '64.
- Shuklovskii, L. I., Kuchikov, M. L. - Experience in performance of Doherty's operation in a case of Faval-Hirschsprung's disease in children. *Klin. khir.* no. 6:34-39 Mar '64.
- Shuklovskii, L. I., Kuchikov, M. L. - Resection's neurocompotomy in the treatment of Faval-Hirschsprung's disease. *Klin. khir.* no. 4:64-66 Apr '63.
- Shuklovskii, B. P. - Case of retroperitoneal transitional hematomas, complicated by a paravascular abscess. *Klin. khir.* no. 6:60 May '63.
- Shuklovskii, V. P. - Tracheostomy in acute postoperative respiratory insufficiency. *Klin. khir.* no. 4:60-70 Apr '64.
- Shuklovskii, M. V. - Hemorrhage in plastic repair for a penetrating defect of the gastric wall with exposed radiation injuries under experimental conditions. *Klin. khir.* no. 6:64-66 Feb '63.

616.088 (Continued)

- Stepanov, K. P., Zhebrina, M. A., Cherkasov, A. P. - Change in the activity of sympathetic adrenal system and electrolyte metabolism in children with congenital heart defects following surgery under conditions of artificial blood circulation. *Vest. khir.* 101 no. 7:137-138 JI '68
- Stepanov, K. A., Orlovskii, B. P. - Surgical treatment of bronchial carcinoma in children. *Grad. khir.* 7 no. 6:103-104 M-D '68.
- Stepanov, V. S. - Late results of plastic surgery for extensive pericardial defects following pneumonectomy under experimental conditions. *Klin. khir.* no. 1:23-27 JI '63.
- Stepanov, M. M., Litvinskii, E. V., Milovanov, A. P. - Surgical treatment of congenital hernia. *Vest. khir.* 101 no. 7:104-105 JI '68.
- Struchkov, V. I., Malchuk, L. S. - Clinical and electrocardiographic comparisons in evaluating the operability prior to pulmonary resection. *Grad. khir.* 7 no. 6:43-46 M-D '68.
- Sukhan, M. N., Popov, A. A. - Late results of nephrectomy based on diaphragmatic. *Klin. khir.* no. 4:40-41 Ap '63.
- Syagunov, A. M., Abroskin, B. A. - Immediate and late results of surgical treatment of myocardial infarct. *Trudy Kazakh. inst. khir. i skop. khir.* 13:183-187 '67.
- Syagunov, A. M., and others. - Some problems of surgical treatment of mitral stenosis: immediate and late results. *Trudy Kazakh. inst. khir. i skop. khir.* 13: 8-11 '67.
- Takala, I. P. - Late results of extensive and combined resection of the stomach for cancer. *Klin. khir.* no. 4: 24-31 Ap '63.
- Tor-Khasanov, G. M. - Coleman's method of open setting of congenital hip dislocation. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:324-325 '65.
- Tur-Mislanova, N. M. - Effect of corticoids on the phagocytic activity of the leucocytes in the transplantation of heterogenous cartilage. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:36-37 '68.
- Tikhonov, D. M. - Experience in surgical treatment of ligament hernia. *Klin. khir.* no. 8:73-78 Ap '63.
- Tikhonov, D. M. - Use of the zootechnical suture UTL-78 and MZKhA-40 in the restorative resection of the stomach with a graft of the small intestine according to the Kaprielianov-Kalharov method. *Sbor. stud. rab. KGMi* no. 10:117-118 '64.
- Tupchakov, A. A., Tsimbaeva, R. A. - Changes in the gaseous composition and electrolytes of the blood in pneumological patients during surgery under different types of superficial endotracheal anesthesia. *Trudy Kazakh. nauch. inst. khir. i skop. khir.* 13:366-368 '67.
- Yekhimov, A. D. - Case of hypoplasia with macrodactylia corrected by means of surgery in a male considered for 32 years to be a female. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:335-344 '65.
- Yokhina, A. D. - Histological study of the effect of an allotransplant on the overgrown bodies of the penis under experimental conditions. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:335-344 '65.
- Yupchakov, K. A. - Percutaneous transluminal cholangiography. *Klin. khir.* no. 6:13-17 JI '64.
- Tor-Khasanov, G. M. - Cholecystitis gastritis bilary. *Klin. khir.* no. 8:44-48 JI '63.
- Yurkov, I. U. D. - Surgical treatment of goiter and thyroiditis. *Klin. khir.* no. 6:37-39 Ap '63.
- Yurkovskii, L. L., Bogov, D. M., Kapriov, Kh. M. - Surgical treatment of coelomic cysts of the pericardium. *Vest. khir.* 101 no. 7:127-128 JI '68.
- Yurkovskii, A. A. - Intracranial drainage of the anterior eye chamber in glaucoma. *Voen.-med. zhur.* no. 18: 71-74 D '68.
- Yurkovskii, A. A. - Methods of plastic surgery for closing paracostal fistulas. *Klin. khir.* no. 8:49-50 JI '68.
- Yurkovskii, A. A., Malchuk, A. S., Drosdova, L. M. - Surgical treatment of the eyle rima in congenital elephantiasis of the extremities and external genitalia. *Vest. khir.* 101 no. 7:128-129 JI '68.
- Yurkovskii, A. A. - Surgical treatment of non-specific ulcerative colitis. *Klin. khir.* no. 8:30-38 Ap '64.
- Yurkovskii, M. L. - Fifty case cases of Haskinson's disease. *Klin. khir.* no. 8:67-68 JI '64.
- Yurkovskii, L. A., Bogovskii, V. S. - Experimental atherosclerosis and overgrowth of the coronary arteries of the heart. *Trudy Kazakh. inst. khir. i skop. khir.* 13:124-128 '67.
- Yurkovskii, M. P. - Danger of infection in the urinary tract in intestinal transplantation surgery on the urinary bladder. *Klin. khir.* no. 8:48-49 JI '63.
- Yurkovskii, M. P. - Change in the coronary blood flow following prolonged intracardiac blood infusion. *Trudy Kazakh. inst. khir. i skop. khir.* 13:128-129 '67.
- Yurkovskii, L. G., Milovanov, M. D. - General problems of surgical infection. *Klin. khir.* no. 8:16-17 JI '63.
- Yurkovskii, V. M. - Use of radioactive iodine in surgery of subhyoid goiter. *Klin. khir.* no. 8:36-40 JI '63.
- Yurkovskii, I. K. - Immediate and late results of surgical treatment of cervicovaginal fistulas (with and without the use of drainage of the uterine cavity). *Alkash. i gzh.* 40 no. 6:104-107 M-D '64.
- Yurkovskii, A. L. - Realization of a patient following suture of a heart wound. *Klin. khir.* no. 4:70-71 Ap '64.
- Yurkovskii, M. M., Cherkasov, A. A., Cherkasov, A. F. - Surgical treatment of pancreatic cysts. *Klin. khir.* no. 8:40-43 JI '64.
- Yurkovskii, I. A. P. - Motor function of the stomach containing a gastric fistula and an artificially formed esophagus according to Ross-Horven and modified by S. S. Yudin. *Klin. khir.* no. 8:44-56 JI '63.
- Yurkovskii, V. I. - Anterior surgical approach to the shoulder joint. *Klin. khir.* no. 1:79-80 JI '63.
- Yurkovskii, V. I. - Surgical treatment of tuberculous spondylitis. *Klin. khir.* no. 4:70-71 Ap '63.
- Yurkovskii, A. T. - Our experience in using intubation anesthesia with controlled respiration in surgery on children. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:324-325 '65.
- Yurkovskii, A. E. - Perforations of the wall of the large intestine caused by asperitis. *Klin. khir.* no. 8:74-77 JI '63.
- Yurkovskii, D. G. - Some complications in tracheostomy. *Klin. khir.* no. 8:73-78 JI '64.
- Yurkovskii, A. P. and others. - Reconstruction of homo-transplant in tuberculous gonitis. *Vest. khir.* 101 no. 7: 56-73 JI '68.
- Yurkovskii, A. A., and others. - Transplantation of the heart in man. *Voen.-med. zhur.* no. 18:3-18 D '68.
- Yurkovskii, I. A. D. - Urgent problems of surgical treatment of volvulus. *Klin. khir.* no. 3:67-73 JI '63.
- Yurkovskii, E. P. - Transplantation of the anterior hypophyseal lobe. *Dokl. akad. nauk. Kazakh. SSR.* 13: 72-77 O '64.
- Yurkovskii, I. A. M., Krasnovskii, I. A. V. - Errors and hazards in surgical treatment of hydrocoele. *Klin. khir.* no. 8:83-87 JI '64.
- Yurkovskii, M. M., Adenokhin, A. A. - Removal of foreign bodies from the lungs under the control of an electro-optical transducer with a television unit. *Grad. khir.* 7 no. 6:105-108 M-D '68.
- Yurkovskii, V. M. - Prosthetic application to the vagus nerve: experimental study. *Trudy TSU* 81:161-161 '65.
- Yurkovskii, M. M., Mamurovskii, M. G. - Single-stage closed esophagostomy in bilateral lesion of the lungs. *Klin. khir.* no. 8:88-89 JI '64.
- Yurkovskii, V. A. - Treatment of omitted fractures and false joints of the long tubular bones. *Vest. khir.* 101 no. 7:73-78 JI '68.
- Yurkovskii, V. M. - Clinical aspects, diagnosis, and results of surgical treatment of patent ductus arteriosus. *Trudy Kazakh. inst. khir. i skop. khir.* 13: 72-78 '67.
- Yurkovskii, V. M., Kallayeva, M. P. - Hemodynamic changes during esophagectomy. *Trudy Kazakh. inst. khir. i skop. khir.* 13:120-124 '67.
- Yurkovskii, L. V., Ilyina, V. M. - Immediate and late results of mitral commissurotomy in various methods of dilation of the mitral foramen. *Vest. khir.* 101 no. 7:124-127 JI '68.
- Yurkovskii, M. A., Danilovskii, G. B., Karavayev, V. G. - Significance of cerebral angiography in the diagnosis of tumors in the sella turcica. *Klin. khir.* no. 1:11-16 JI '64.

616.088 (470.25) — Armeenia S. S. R.

Kocherian, S. S. - Development of the neurohumoral of prostheses in Armeenia of the Middle Ages. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:127-131 '63.

616.1 Chemistry, endocrinology and blood diseases

- Abdullayev, Zh. M., Kiyasov, M. S., Gafarova, M. I. - Combined effect of cobalt, copper, and iron preparations on the composition of blood in patients under large doses alpha distance radiotherapy. *Trudy Kazakh. nauch. inst. khir. i skop. khir.* 13:170-175 '67.
- Abdullayev, B. A., Shikhotkin, V. I. - Characteristics of the administration of narcotics in surgical intervention for acute myocardial infarct. *Trudy Kazakh. inst. khir. i skop. khir.* 13:113-118 '67.
- Abdullayev, B. A., Kiyasovskii, M. D. - Dynamics of clinical-electrocardiographic indices following surgical intervention in acute myocardial infarct. *Trudy Kazakh. inst. khir. i skop. khir.* 13:108-113 '67.
- Abdullayev, M. A. - Results of compound treatment of patients with different forms of rheumatism in the active phase, based on materials of the clinic of hospital therapy of the 8th course during the past three years. *Sbor. nauch. trud. KGMi* 43:86-94 '67.
- Abdullayev, M. A. - Effect of galeasol, prepared from the roots of the Turkistan barberry (*B. heteropoda* which grows in Kirghizia, on the cardiovascular system. *Sbor. nauch. trud. KGMi* 43:10-22 '67.
- Abdullayev, A. U., Tumpova, M. I. A. - Effectiveness of the use of Adonis Turcomanica in the treatment of blood circulation disorders in rheumatic cardiac defects. *Sbor. nauch. trud. KGMi* 40:177-181 '68.
- Abdullayev, K. I. U., Vakhitova, R. S., Shik, L. L. - Gas exchange in chronic arterial hypoxemia. *Sbor. nauch. trud. KGMi* 47:34-41 '67.
- Abramov, M. Kh. - Arterial homoplasy overcoming hemolytic incompatibility. *Sbor. nauch. trud. KGMi* 42:34-36 '67.
- Aleksandrov, V. A. - Functional state of the liver in cirrhosis. *Vrach. delo* no. 7:18-21 JI '68.
- Aleksandrov, I. V. - Hemostatic disorders and fibrinolysis (due to predilection therapy in some children's diseases. *Sbor. nauch. trud. KGMi* 43:124-129 '67.
- Aleksandrov, I. P. - Thromboelastographic method of studying the fibrin-stabilizing factor. *Sbor. nauch. trud. KGMi* 43:100-114 '67.
- Alekseev, G. K. - Some pathogenesis and clinical characteristics of repeated myocardial infarcts and their prevention. *Kardiologia* 8 no. 6:36-41 M-D '68.
- Alekseev, P. P. - Problems of the shock-syndrome. *Klin. khir.* no. 3:76-77 JI '64.
- Alekseev, O. Z. - Evaluation of some surgical measures in operations on the "dry" heart. *Klin. khir.* no. 8:19-24 JI '64.
- Aliev, M. M., and others. - Parasites of the blood in the rodents of Azerbaijan. *Trudy Azerb. nauch. inst. med. nauch. i trop. med.* 8:306-311 '68.
- Aliev, S. I. - Case of congenital hemolytic anemia of Cooley type. *Trudy Azerb. nauch. inst. med. nauch. i trop. med.* 8:309-308 '68.
- Anastasiyev, P. P., Rabotnikov, V. S., Roshanov, I. I. - Abdominal aortography in the diagnosis of the Leriche syndrome. *Kiev. skop. i khir. med.* 8 no. 8:67-64 '68.
- Arbatskii, I. U. D., Dezhnevskii, O. L. - Effectiveness of a craniovascular trauma in the origin and development of symptomatic hypertension. *Zhar-nerv. i psikh.* 43 no. 11:173-183 '64.
- Artemyeva, A. I. - Nature of hemorrhages following the application and removal of a tourniquet. *Sbor. nauch. trud. KGMi* 43:137-139 '67.
- Artemyeva, M. L. - Thromboembolism and apuric lesions of the intestine. *Klin. khir.* no. 4:41-44 Ap '64.
- Averting of the International Prize "Gold Stethoscope." *Kardiologia* 8 no. 6:87-88 M-D '68.
- Azizov, M. L., Puzosov, G. G. - Hemopoiesis, protein fractions of blood serum, and renal plasma circulation in hypertension. *Kiev. skop. i khir. med.* 8 no. 8:75-81 '68.
- Belikova, R. A. - Effectiveness of the blood in the incubation period of tick-borne encephalitis. *Trudy Azerb. nauch. inst. med. nauch. i trop. med.* 8:309-313 '68.
- Belikova, S. S. - Chronic pneumonia and atherosclerosis. *Sbor. nauch. trud. KGMi* 43:143-147 '67.
- Belikova, S. S. - External respiration in some indices of aortic stenosis. *Sbor. nauch. trud. KGMi* 40:144-146 '66.
- Belikova, F. V., and others. - Acute hypotension of the lesser circulation following surgery under conditions of extracorporeal perfusion. *Grad. khir.* 7 no. 6:33-36 M-D '68.
- Baran, L. A., Sarkisov, G. G. - Effect of oxygen on the condition of blood gases in oncological patients receiving radiotherapy. *Vrach. delo* no. 7:41-44 JI '68.
- Barinov, B. G. - Functional and morphological changes in the heart following maximum physical load under experimental conditions. *Sbor. nauch. trud. KGMi* 40: 64-67 '68.
- Belikova, A. A. - Treatment of injuries to the carotid arteries. *Sbor. nauch. trud. Krev. nauch. inst. khir. i skop. khir.* no. 8:323-324 '65.
- Belikova, V. M. - Changes in the endoplasmic reticulum due to antineoplastic chemotherapy. *Sbor. nauch. trud. KGMi* 43:151-152 '67.
- Belikova, M. S. - Size and form of the aortic stenosis in insufficiency of the mitral valve. *Trudy Kazakh. inst. khir. i skop. khir.* 13:130-132 '67.
- Bredikis, I. U., Sarkisov, G. G. - Resection of a patient following prolonged fibrillation of the cardiac ventricle. *Klin. khir.* no. 3:76-77 JI '64.
- Dagirova, L. M. - Diabetes mellitus and myocardial infarct. *Sbor. nauch. trud. KGMi* 40:143-146 '68.
- Barinov, M. A. - Effect of benzotriazole on cardiac arrhythmia induced by local stimulation of the structure in the bulbar portion of brain stem. *Vrach. delo* 31 no. 4: 874-877 M-D '68.
- Chikhovskii, G. G. - Effect of octadecan on cardiac blood supply. *Vrach. delo* 31 no. 6:877-880 M-D '68.
- Chikhovskii, E. A. - Change in the carbohydrate metabolism indices in the myocardium in white rats following hypoxia. *Sbor. nauch. trud. KGMi* 43:141-143 '67.
- Dandilov, S. B. - Mechanisms of reflex reactions from carotid receptive zones. *Sbor. nauch. trud. KGMi* 40: 44-47 '68.
- Demchenko, M. V. - Late results of mitral commissurotomy. *Klin. khir.* no. 8:34-39 JI '64.
- Dilovskii, S. L. - Monocistric X-ray diagnosis of defects of the interventricular septum. *Trudy Kazakh. inst. khir. i skop. khir.* 13:174-176 '67.
- Dobrova, M. B., and others. - Effect of the structure of a vascular prosthesis on its functions. *Klin. khir.* no. 3: 21-24 JI '63.
- Dobrova, S. M. - Diagnostic significance of the change in the indices of acid-base balance in some cardiovascular diseases. *Sbor. nauch. trud. KGMi* 40:183-187 '68.
- Dudko, M. K., Muratov, B. A., Fomchenov, I. U. A. - Effect of the new anticonvulsant synanthrin-C (synanthrinol) in experimental epilepsy on the abdominal portion of the aorta in dogs. *Klin. khir.* no. 8:188-190 JI '63.
- Dykhovskii, G. - Changes in the arterial pressure in thyrotoxicosis patients under treatment. *Sbor. stud. rab. KGMi* no. 10:30-33 '68.
- Dubovskii, A. D., Mirzakhimov, M. M., Tikhonov, A. I. U. - Gas exchange in patients with chronic obstructive pulmonary disease under alveolar conditions. *Sbor. nauch. trud. KGMi* 47:71-78 '67.
- Dubovskii, M. - Permeability and fragility of the blood capillaries in chronic pneumonia. *Sbor. stud. rab. KGMi* no. 10:41-43 '68.
- Dubovskii, A. O. - Some hemodynamic indices in patients with arterial hypertension. *Sbor. nauch. trud. KGMi* 40:188-189 '68.
- Dubovskii, F. A. - Prevention of postoperative thromboembolism. *Klin. khir.* no. 8:117-121 JI '63.
- Dubovskii, Y. A. - Comparative characteristics of electrocardiograms of the apoplexics. *Trudy Kazakh. inst. khir. i skop. khir.* 13:126-128 '67.
- Fingis, V. S. - Morphological changes following sudden death due to an acute disorder of the venous blood circulation. *Sbor. nauch. trud. KGMi* 43:186-188 '67.

618.1 (Continued)

- Fogel'son, L. I., and others. - Temporary disability in hypertension. *Kardiologiya* 5 no. 8:29-35 M-D '68.
- Prokide, V. V., Korotkova, U. A. - Metabolic changes and cardiac reactions in experimental pituitary-induced coronary insufficiency. *Kardiologiya* 5 no. 6:41-47 M-D '68.
- Chelstko, M. K., Kuznetsov, I. I. - Transposition of the major vessels and chambers of the heart: anatomical characteristics, concept and classification. *Grud. khir.* 7 no. 6:113-118 M-D '68.
- Chelstko, I. B., Korotkova, U. A., Kozlov, I. A. - Patent ductus arteriosus and endocardial fibroelastosis. *Grud. khir.* 7 no. 6:119-123 M-D '68.
- Gondenshtein, E. I., Davidovskii, M. M. - Pharmacological characteristics and therapeutic effectiveness of the new antithrombotic agent ajmaline; survey of the literature. *Kardiologiya* 5 no. 6:71-74 M-D '68.
- Gerasimov, R. A. - Acute gastrointestinal hemorrhages of nonvascular origin. *Klin. khir.* no. 3:43-44 P '68.
- Gerasimov, R. A. - Some indices of the functional state of the liver in stenocardia and myocardial infarction. *Vrach. delo* no. 7:145-150 JI '68.
- Gerasimov, R. A. - Significance of the interrelation of the various phases of the regional and obstructive-gynecological practice. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Effect of intrabronchial oxygen therapy on the functional state of the liver in stenocardia. *Vrach. delo* no. 7:151-152 JI '68.
- Gerasimov, R. A. - Arteriovenous aneurysm of the right thyroid vessels complicating stenocardia. *Klin. khir.* no. 4:58 Ap '68.
- Gerasimov, R. A. - Seasonal fluctuations of lethal outcomes in diseases of the cardiovascular system and lungs. *Sbor. nauch. rab. KEM* 43:49-54 M-D '68.
- Gerasimov, R. A., Grigor'eva, D. G. - Effect of immunization on the content of adrenocortical and thalamic acid in the blood serum during development of atherosclerosis. *Biol. zhurn. Arm.* 31 no. 8:43-47 M-D '68.
- Grigor'eva, D. G. - Clinical aspects and treatment of hemophilic arthropathy. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Grigor'eva, D. G. - Mechanism of the hemophilic effect of sex hormones. *Biol. zhurn. Arm.* 31 no. 8:47-51 M-D '68.
- Gerasimov, R. A. - Some data on the effect of antihypertensive drugs on the myocardium. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Grigor'eva, D. G., Kuznetsov, I. I. - Phase analysis of the systole of the heart in surgical diseases of the lungs: preliminary report. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Causes and mechanisms of pathological hemorrhages in labor. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Petrova, M. P. - Urinary excretion of 4-pyridoxal acid in coronary atherosclerosis. *Kardiologiya* 5 no. 6:34-38 M-D '68.
- Gerasimov, R. A., Bolotova, M. A., Kuznetsov, I. I. - Change in the bronchial pressure in normal vessels following partial occlusion. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Combined repair of an arterial defect by a venous autograft and venous prostheses. *Klin. khir.* no. 3:78 M-D '68.
- Gerasimov, R. A. - Circulation rate and venous pressure in cardiac and pulmonary insufficiencies. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Clinical aspects of rheumatic glomerulonephritis. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Effectiveness of treating blood stasis disorders with Adonis of Turkmenia. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Characteristics of the effect of atropine on the cardiovascular hemodynamics under alpine conditions. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I., Korotkova, U. A. - Effect of exercise therapy on the circulation rate and venous pressure in patients. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I., Korotkova, U. A. - Changes in excretion of 17-ketosteroids in surgical treatment of atrial heart defect with predominance of stenosis. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Hemodynamic effect of a transvenous electric impulse in cardiac fibrillation of diverse origin. *Kardiologiya* 5 no. 6:47-53 M-D '68.
- Gerasimov, R. A. - Changes in the blood circulation following acute hemorrhages under alpine conditions. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Electrocardiographic shifts in animals following acute hemorrhages under alpine conditions. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Immediate and late results in the treatment of profuse pleural hemorrhages under alpine conditions. *Klin. khir.* no. 3:33-34 P '68.
- Gerasimov, R. A. - Role of the level of arterial pressure and the time factor in the pathogenic effect of graduated hypotension caused by acute hemorrhages. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Adaptive-compensatory role of the thyroid gland in healthy persons and in patients with cardiovascular diseases. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Davidovskii, M. M. - Decompressed chronic cor pulmonale and blood viscosity. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Davidovskii, M. M. - Perigonal accumulation of the blood in thyrotoxicosis before and during radioactive iodine treatment. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Effect of vitamin B₆, B₁₂ and folic acid on the iron utilization intensity by nuclear erythroid cells in man with iron deficiency anemia. *Tsitologiya* 10 no. 10:1319-1327 O '68.
- Gerasimov, R. A. - Characteristics of the clinical development of rheumatism in the active phase, based on materials of the clinic of hospital therapy of the 6th course (1943-1955). *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Case of ossification of the anterior portion of the tendinous center of the diaphragm. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Profile of a cardiologist. *Kardiologiya* 5 no. 6:77-79 M-D '68.
- Gerasimov, R. A. - Stenosis of blood vessels. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Projection of the vena cava superior. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Morphological changes in the myocardium in dogs following repeated effects of fibrillating and defibrillating electric impulses. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Sudden death caused by an acute coronary insufficiency. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - In revascularization of the myocardium possible following experimental implantation of a mechanical infarct artery? *Klin. khir.* no. 3:14-16 M-D '68.
- Gerasimov, R. A., Mikhaleva, M. A., Borovoy, I. U. E. - During the humerocent method to determine the degree of revascularization of the heart following surgical treatment of an experimental coronary ischemia. *Grud. khir.* 7 no. 6:113-118 M-D '68.
- Gerasimov, R. A. - Rehabilitation of cardiovascular patients. *Kardiologiya* 5 no. 6:74-79 M-D '68.
- Gerasimov, R. A. - Concerning R. B. Bruckman's article "Expedience in the grafting of tissues to the heart in chronic coronary insufficiency". *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Clinical significance of measuring venous pressure during pneumocardiography in epileptics. *Zhur. nevrol. i psikh.* 68 no. 11:143-148 M-D '68.
- Gerasimov, R. A., Mikhaleva, M. A. - Stenosis of vena porta in children with portal hypertension. *Klin. khir.* no. 3:33-34 M-D '68.
- Gerasimov, R. A. - Ligation of hypogastric and ovarian arteries under experimental conditions. *Alksh. i gin.* 40 no. 6:118-125 M-D '68.
- Gerasimov, R. A., Chelstko, I. B. - Significance of bipolar electrocardiography in the diagnosis of coronary insufficiencies. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Mikhaleva, M. A. - Relationship between electrical and mechanical phenomena of the heart activity in coronary disease patients. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A., Chelstko, I. B. - Effect of loss of blood on the morphological and protein composition of the blood in pulmonary tuberculosis. *Vrach. delo* no. 7:151-152 JI '68.
- Gerasimov, R. A., and others. - Surgery on the heart using the Soviet artificial circulation apparatus AUK-63, constructed by the Scientific Research Institute of Experimental Surgical Equipment and Instruments. *Grud. khir.* 7 no. 6:113-118 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - X-ray diagnosis of aneurysms of the thoracic portion of the aorta in the light of surgical treatment. *Grud. khir.* 7 no. 6:113-118 M-D '68.
- Gerasimov, R. A. - Effect of hypoxia and hemorrhages on the respiration of the blood. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Gerasimov, I. M. - Pneumocardiography in isolated ventricular aneurysms of the pulmonary artery. *Kardiologiya* 5 no. 6:47-53 M-D '68.
- Gerasimov, R. A., Astrakhanova, G. I. - Anomalous positions of the heart. *Grud. khir.* 7 no. 6:113-118 M-D '68.
- Gerasimov, R. A. - Age-related characteristics of hemodynamic indices and the evaluation of various postulates of their determination. *Vrach. delo* no. 7:151-152 JI '68.
- Gerasimov, R. A., Davidovskii, M. M. - Clinical and morphological characteristics of hemodynamic indices in the vascular system of the eye in rabbits under the effect of somatostatin. *Kozm. biol. i med.* 3 no. 1:19-23 M-D '68.
- Gerasimov, R. A. - Alcohol anesthesia following surgery on the heart. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Clinical aspects of the Rendu-Osler disease. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Mikhaleva, M. A. - Plastic surgery on large arterial vessels. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Electrocardiographic changes in surgery on the abdominal cavity. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Case of an aortic wound. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Local anesthetic effect of subcutaneous administration of nitrous oxide in endarteritis obliterans. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A., and others. - Changes in the content of water and electrolytes in the blood and muscles of patients with shock phenomena. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Tissue factors of blood coagulation in surgical shock and the role of these factors in the development of pathological processes. *Zhur. nevrol. i psikh.* 68 no. 11:143-148 M-D '68.
- Gerasimov, R. A. - International Congress in Mexico on Hematology and Blood Transfusion. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Changes in the nature of circulating blood in anemia in gravidae. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Fraerman, A. P., Kuznetsov, I. I. - Differential diagnosis of fat embolism of vessels of the brain and intracranial traumatic hematomas. *Zhur. nevrol. i psikh.* 68 no. 11:143-148 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Morphology of the healing of a cardiac wound. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Changes in the blood coagulation and anticoagulation systems in rheumatic cardiac defects. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Anomalous placental hemodynamics: increase of the resistance to haemorrhages. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Some characteristics of placental metabolism in massive hemorrhages. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Problems of fibrinolysis in malignant neoplasms. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Functional state of the cardiovascular system in bronchitis. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Erythrocyte sedimentation reaction in visceral leishmaniasis. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Anatomical and physiological pathogenesis of the atherosclerosis in the right ventricle of the heart. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A., Mikhaleva, M. A. - Effect of operative intervention on the state of coagulation and anticoagulation blood systems in diabetes mellitus. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A. - Restoration of the functions of the organism following acute cardiac arrest. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Clamp-finisher for blood vessels and peripheral nerves. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Vegetative vascular disorders at a late period following closed cranial trauma in young persons. *Voen.-med. zhurn.* no. 13:34-38 D '68.
- Gerasimov, R. A., and others. - Significance of stressed lesions of the renal arteries in the development of arterial hypertension. *Kardiologiya* 5 no. 6:74-79 M-D '68.
- Gerasimov, R. A. - State of the nervous system in newborn infants of mothers with cardiac diseases. *Zhur. nevrol. i psikh.* 68 no. 11:143-148 M-D '68.
- Gerasimov, R. A., and others. - Clinical use of muscle relaxants in patients with tracheotomy and pneumonia. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Coagulative systems of the blood in oncological patients: preliminary report. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Unusual cases of peritonitis nodosa. *Vrach. delo* no. 7:151-152 JI '68.
- Gerasimov, R. A. - Broncholithiasis as a cause of pulmonary hemorrhages. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A., Mikhaleva, M. A. - Severe treatment of hypertension. *Zhur. nevrol. i psikh.* 68 no. 11:143-148 M-D '68.
- Gerasimov, R. A. - Some hemodynamic indices following experimental hypertension in animals of different ages living under alpine conditions. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A. - Prevention of postoperative thromboses and embolisms. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Perigonal blood following development of chronic (focal) pulmonary diseases. *Sbor. nauch. rab. KEM* 43:145-148 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Content of some trace elements in the blood of patients with malignant tumors. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Effect of radiotherapy and surgical treatment on porphyria metabolism in oncological patients. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Topography of the superior vena cava, heart and pulmonary artery in the late period following lobectomies. *Vest. khir.* 101 no. 7:118-121 JI '68.
- Gerasimov, R. A. - Dynamics of the changes in serum proteins in oncological patients under radiotherapy. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - Leucocytic reaction in surgery on the brain and spinal cord under local anesthesia and hypothermia. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Adaptation of the myocardium to increased elasticity resistance of the vessels in hypertension. *Kardiologiya* 5 no. 6:74-79 M-D '68.
- Gerasimov, R. A., Kuznetsov, I. I. - Durova's syndrome of an infectious and allergic origin. *Vrach. delo* no. 7:151-152 JI '68.
- Gerasimov, R. A., Kuznetsov, I. I., Vasilova, I. - Thromboelastography in obstetrical coagulopathies. *Alksh. i gin.* 40 no. 6:118-125 M-D '68.
- Gerasimov, R. A. - Trypsin in the treatment of thromboembolism. *Klin. khir.* no. 4:97-99 Ap '68.
- Gerasimov, R. A. - Removal of a glass aneurysm of the right temporoartery. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.
- Gerasimov, R. A. - State of the thyroid gland in adrenal stenosis before and following adrenal coarctectomy. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:153-156 M-D '68.

618.1 (Continued)

- Oshchinskii, Ch. S. - Clotting of the blood and liver in experimental cholesterol atherosclerosis in rabbits. *Bull. eksp. biol. i med.* 68 no. 10 26-28 O '68.
- Orosheva, S. O. - Significance of obstetric anamnesis in women having given birth to infants with hemolytic disease. *Sbor. nauch. rab. KGMi* 42:119-121 '67.
- Parin, V. V. - Basic results of scientific research on "Physiology and pathology of the cardiovascular system and respiration" for 1964. *Kardiologiya* 5 no. 6-78-84 M-D '68.
- Pavlovskii, V. A. - Late results and work expert testimony following cardiac wounds. *Vrach. delo* no. 7 78-80 JI '68.
- Pavlovskii, D. P. - Autopsy data on postoperative thromboses and embolisms. *Klin. khir.* no. 2:24-31 F '68.
- Perel'man, M. I., Khabreva, T. V. - Resection of the lungs at the peak of pulmonary hemorrhages in tuberculosis. *Grad. khir.* 7 no. 6:74-81 '68.
- Pis'manov, L. A. - Possibilities of alloplasty on veins under experimental conditions. *Klin. khir.* no. 3:18-23 M '68.
- Pikhacheva, A. L., and others. - Some characteristics of the treatment of mitral stenosis following coarctation surgery. *Klin. khir.* no. 1:20-22 Ja '68.
- Pokrovskii, A. V., and others. - Some problems of clinical aspects, diagnosis, and surgical treatment of patent ductus arteriosus in conjunction with other congenital cardiac defects. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:61-69 '67.
- Pokrovskii, A. V., Mesochkov, V. P., Potenkina, E. V. - Characteristics of suture material used in vascular surgery. *Vest. khir.* 101 no. 7:43-47 JI '68.
- Popova, R. K., and others. - Significance of electro-impulse therapy on clinical aspects and surgical treatment of mitral stenosis complicated by cardiac fibrillation. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:71-77 '67.
- Potol'skii, L. L. - Anaerobic glycolysis in the myocardium in chronic irritation of the vagus nerve. *Vrach. delo* no. 7:81-83 JI '68.
- Prokhorovskii, V. I. - Transcatheter aortic and arteriography. *Klin. khir.* no. 6:40-44 M '64.
- Raimanbaev, A. - Some forms of functional disorders in the conductivity of the heart. *Sbor. stud. rab. KGMi* no. 10:80-83 '68.
- Richter, G. L. - Causes of the "pulsless disease." *Klin. khir.* no. 5:84-85 M '64.
- Reyeva, L. M. - Promote coagulation of the ventricles of the heart, the Wolf-Parkinson-White syndrome: clinical and electrocardiographic observation. *Kardiologiya* 5 no. 6:8-9 M-D '68.
- Rogova, L. S., Gilev, A. P. - Antiarhythmic properties of some alkylamines. *Bull. eksp. biol. i med.* 68 no. 10:86-89 O '68.
- Rosenfeld, E. A., Mergold, K. P. - Postural in blood circulation reactions and preventive methods in oncological lesions. *Aksh. i gis.* 40 no. 6:85-90 M-D '64.
- Rundakiev, P. P., Mirakid, V. O. - Intensification of DNA synthesis and mitosis in arterial muscle cells of rats following ventricular myocardial infarction and local aortic injuries. *Tsitol. i gis.* 10 no. 10:1276-1287 O '68.
- Savitskiy, B. E. - Clinical and laboratory characterization of the course of rheumatism under high-altitude conditions. *Sbor. nauch. rab. KGMi* 42:74-76 '67.
- Shchepetkov, A. V. - Effect of vasodilation substances on collateral coronary blood circulation and oxygenation in myocardium. *Farm. i toks.* 31 no. 5:67-80 M-D '68.
- Shchepetkov, B. T. - Pathogenesis of postoperative thrombotic thrombocytopenic syndrome in the postoperative period. *Klin. khir.* no. 5:88-89 Jo '64.
- Shchepetkov, V. S., and others. - Open heart surgical treatment of cardiac defects under hypothermia. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:81-85 '67.
- Shchepetkov, V. S., Kirichenko, M. N. - Rare case of a common arterial trunk with pulmonary hypertension. *Grad. khir.* 7 no. 6:100-101 M-D '68.
- Shchepetkov, V. S., Lisakov, N. V., Semenov, O. V. - Supplimentary vascularization of the myocardium following surgical treatment of congenital and acquired cardiac defects. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:94-97 '67.
- Shchepetkov, V. S., Yash, L. A. - Experimental surgical intervention on two coronary arteries. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:118-119 '67.
- Shchepetkov, O. Sh. - Effect of hypoxia on the function of the cardiovascular system following hemorrhaging due to hyperthermia. *Sbor. nauch. rab. KGMi* 40:110-116 '66.
- Shchepetkov, O. Sh. - Hemodynamics and oxygenation of the blood following hemorrhages in animals due to overloading under normal and heat-chamber conditions. *Sbor. nauch. rab. KGMi* 43:131-133 '67.
- Shchepetkov, N. I. - Resection of the hemopoietic system on blood loss at a late period following recovery from acute radiation sickness. *Bull. eksp. biol. i med.* 68 no. 10:21-23 O '68.
- Shchepetkov, B. E., Radnirlovskaya, M. E. - Some methods affecting the blood coagulation system in thromboembolism, phlebotrombosis, and thrombophlebitis. *Sbor. nauch. rab. KGMi* 43:133-138 '67.
- Shchepetkov, L. M., Makimova, L. E. - Mechanisms of acute insufficiency following operation on the heart. *Klin. khir.* no. 4:22-23 M '64.
- Shchepetkov, L. M., Lisakov, N. V. - First experience in the clinical use of a high-pressure chamber. *Grad. khir.* 7 no. 6:98-99 M-D '68.
- Skromskaya, G. M., Borshkin, T. M. - Specialized medical aid in hypertension, myocardial infarction and rheumatism. *Vrach. delo* no. 7:1-3 JI '68.
- Smirnov, V. M. - Problems of the organization of epidemiological studies on vascular lesions of the brain, and the program of the World Health Organization. *Zhur. nov. i pekh.* 68 no. 11:1724-1726 '68.
- Stepanov, V. S. - Late results of plastic surgery for extensive pericardial defects following pneumothorax under experimental conditions. *Klin. khir.* no. 1:23-27 Ja '68.
- Supat'skaya, M. B. - Asymmetry of arterial pressure in hypertension under flat-terrain conditions. *Sbor. nauch. rab. KGMi* 43:14-18 '67.
- Shchepetkov, V. A., and others. - Clinicopathological analysis of the causes of sudden death of young persons in acute circulatory insufficiency. *Voen.-med. shir.* no. 12:25-28 D '68.
- Syrtanov, A. M., Abolaita, B. A. - Immediate and late results of surgical treatment of myocardial infarction. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:103-107 '67.
- Syrtanov, A. M., and others. - Some problems of surgical treatment of mitral stenosis: immediate and late results. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:111-117 '67.
- Talab, V. A. - Treatment of an attack of paroxysmal tachycardia with a single electric cardiac stimulation. *Kardiologiya* 5 no. 6:85-90 M-D '68.
- Talabovskii, L. P. - Analysis of the occurrence of neurocirculatory dystonia. *Voen.-med. shir.* no. 12:31-33 D '68.
- Tashinaki, L. L., Rogova, D. M., Kuptsov, Kh. M. - Surgical treatment of coarctation of the aorta. *Vest. khir.* 101 no. 7:37-39 JI '68.
- Talab, L. A., Chervagla, V. M. - Surgical anatomy of the coronary vessels of the heart in dogs. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:130-136 '67.
- Talab, L. A., Sergiyevskii, V. S. - Experimental atherosclerosis and atheroma of the coronary arteries of the heart. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:134-138 '67.
- Talab, L. A., Sergiyevskii, V. S. - Preparing the coronary arteries for resection. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:139-143 '67.
- Tsytanov, M. O. - Some characteristics of an electrocardiogram in thyrotoxic adenoma-goiter. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:143-147 '67.
- Talabov, M. T. - Changes in the coronary blood flow following prolonged intracardiac blood infusion. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:148-153 '67.
- Talabov, M. T. - Effectiveness of a massive intracardiac blood infusion in animals following their recovery from a state of shock and traumatic shock. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:143-147 '67.
- Talabov, M. T. - Massive intracardiac blood infusion in conjunction with simultaneous bloodletting, a method of treating fatal acute poisoning. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:148-153 '67.
- Turova, L. G., Ulanovskii, L. M. - State of the blood coagulation system in some surgical diseases. *Klin. khir.* no. 3:8-10 F '63.
- Uta, A. V. - Dynamics of the copper content in whole blood, trace elements, and serum, and the coefficient of its distribution in oligoplets. *Zhur. nov. i pekh.* 68 no. 11:1823-1827 '68.
- Valter, M. A. - Functional state of the monocytic system in patients with traumatic epilepsy. *Zhur. nov. i pekh.* 68 no. 11:1818-1822 '68.
- Valkovskii, A. L. - Resection of a patient following suture of a heart wound. *Klin. khir.* no. 4:70-71 Ap '64.
- Vishnevskii, A. A., and others. - Transplantation of the heart in man. *Voen.-med. shir.* no. 12:18-19 D '68.
- Vishnevskii, A. A., and others. - Treatment of patients with pathology of the digestive organs and concurrent chronic coronary insufficiency in Yuzashtsk. *Vrach. delo* no. 7:138-139 JI '68.
- Vlasov, M. F., Denkov, V. S. - Changes in the electrocardiogram following repeated myocardial infarcts in elderly persons. *Voen.-med. shir.* no. 12:21-24 D '68.
- Volkov, N. L. - Significance of reactions to C-proteins in some diseases of the liver. *Aksh. i gis.* 40 no. 6:113-114 M-D '64.
- Volyadskii, E. M., Gogin, E. M. - Once more about pericarditis originating from injury of the pericardium, and also about atrophic pericarditis: problems of classification and terminology. *Kardiologiya* 5 no. 6:60-61 M-D '68.
- Vynovskaya, V. P. - Effect of reticular formation on the blood coagulation system in syngammatia. *Vrach. delo* no. 7:123-124 JI '68.
- Kazaykova, E. M. - Georgii Fedorovich Lang on his 90th birthday. *Kardiologiya* 5 no. 6:2-6 M-D '68.
- Khizanov, G. G. - Diseases simulating "acute abdomen" (Borzhnitsa-Borzhnitsa). *Klin. khir.* no. 4:40-41 Ap '63.
- Khelemlak, B. S. - Experience in the compound treatment of Chonobophyllia. *Klin. khir.* no. 4:10-12 F '63.
- Zhigalka, V. M., and others. - Catheterization, punctures and angiocardiology in the diagnosis of cardiac defects. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:106-113 '67.
- Zhigalka, V. M. - Clinical aspects, diagnosis, and results of surgical treatment of patent ductus arteriosus. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:106-113 '67.
- Zhigalkin, V. M., Zaitseva, K. P. - Hemodynamic changes during commissurotomy. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:120-124 '67.
- Kolotarevskaya, L. A. - Phonocardiography in tricuspid stenosis. *Grad. khir.* 7 no. 6:100-101 M-D '68.
- Kolotov, L. V., N'kova, V. K. - Immediate and late results of mitral commissurotomy in various methods of dilation of the mitral foramen. *Vest. khir.* 101 no. 7:144-147 JI '68.
- Kumarov, N. L., Unibekova, R. M. - Electron-microscopic study of the human myocardium in congenital and acquired cardiac defects. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:161-167 '67.
- 64.1(470)—White Russia S. S. R.
- Popov, V. I. - Hemostatic remedies used in folk medicine in White Russia. Report No. 1. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:173-174 '68.
- 65.1(474)—Kazakh S. S. R.
- Urazalov, L. U., Adil'gareeva, L. Kh. - "Epidemiology" of atherosclerosis in Kazakhstan. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:157-158 '67.
- 66.1(475 S)—Kirghiz S. S. R.
- Aldaraliev, A. A., Mamedov, M. M., Abdulla, K. D. - Indices of mortality due to cardiovascular diseases among the urban population of Kirghizia. *Sbor. nauch. rab. KGMi* 43:4-6 '67.
- Alimova, A. U. - State of the acid-base equilibrium in patients with decompensated cardiac defects having arrived from alpine regions, and in permanent residents of Frunze. *Sbor. nauch. rab. KGMi* 40:101-104 '68.
- Isakova, S. I. - Comparative evaluation of the effectiveness of Kirghiz crystals and atropine "K" in the treatment of chronic cardiac insufficiency. *Sbor. nauch. rab. KGMi* 40:174-177 '69.
- Isakova, S. I., Isakova, S. I., Dzhakobov, A. D. - Circulation rate and venous pressure in patients with decompensated cardiac defects living in Frunze and in those having arrived from alpine regions. *Sbor. nauch. rab. KGMi* 40:99-101 '68.
- Moskova, S. I. - Some indices of the state of the cardiovascular system in pneumoconiosis in southern Kirghizia. *Sbor. nauch. rab. KGMi* 40:181-187 '66.
- Tarabekov, B. T., Bismatova, L. A. - Microcardiographic characteristics of the cardiac activity in children, native residents of different Tien-Shan highlands. *Sbor. nauch. rab. KGMi* 43:10-12 '67.
- Shchepetkov, M. Sh. - Rate of the blood flow in school-age boys under Kirghizistan alpine conditions, according to the odometry method. *Sbor. nauch. rab. KGMi* 40:188-190 '68.
- 616.2 Respiratory Diseases
- Baimakov, A. S. I. - Respiratory respiration in some indices of ear pneumonia. *Sbor. nauch. rab. KGMi* 40:148-149 '66.
- Baimakov, A. S. I. - Chronic pneumonia and atherosclerosis. *Sbor. nauch. rab. KGMi* 42:148-149 '67.
- Detmanov, M. A., Rybn, I. M. - Rib deformations, subcutaneous oil cysts, and osteochondroma formation following extrapleural oophorectomy. *Klin. khir.* no. 4:26-27 Ap '63.
- Detman, A., Gusev, I. A. K. - Problem of surgical treatment of emphysema of the pleural cavity in children. *Klin. khir.* no. 3:48-49 M '64.
- Boiko, I. U. - Pathological anatomy of a microcystic lung. *Arkh. pat.* 34 no. 10:179-183 '68.
- Dzhakobov, M. A., Isakova, S. I. - Microangiographic characteristics of a respiratory insufficiency in surgical diseases of the lungs. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:158-159 '67.
- Dorlov, V. G., Kuznetsov, E. M. - Borne of the respiratory tract. *Voen.-med. shir.* no. 12:16-19 D '68.
- Dzhalilov, J. L., Shchepetkov, G. A., Kuznetsov, A. D. - Clinical fluorographic characterization of pathological states of the nose and the accessory sinuses, based on an expeditious screening of the population. *Trudy Kazakh. inst. khir. i eksp. khir.* 13:164-167 '67.
- Chikindze, G. M. - Accessory cystic lung. *Klin. khir.* no. 4:48-49 Ap '63.
- Dedovich, B. V., Khramova, M. V. - Bilateral resection of the lungs in pulmonary tuberculosis. *Grad. khir.* 7 no. 6:74-75 M-D '68.
- Detman, I. A., and others. - Clinical aspects and surgical treatment of chronic nonspecific inflammatory pulmonary diseases. *Klin. khir.* no. 5:3-10 M '64.
- Depol'skiy, A. E., Pivovrik, D. T. - Hemorrhage and blood transfusion during radical operations on the lungs. *Klin. khir.* no. 5:18-19 M '64.
- Dolashko, A. P. - Surgical treatment of metastatic cancer of the lung. *Klin. khir.* no. 4:89-90 Ap '64.
- Dudarev, V. P., Shchepetkov, L. F. - Adaptation to hypoxia in thyrotoxic animals. *Sbor. nauch. rab. KGMi* 47:84-70 '67.
- Dzhemalov, M. - Permeability and fragility of the blood capillaries in chronic pneumonia. *Sbor. stud. rab. KGMi* no. 10:41-42 '68.
- Fedorov, B. M., Potapov, I. A. - Three cases of pulmonary mycosis. *Vest. khir.* 101 no. 7:123-127 JI '68.
- Ganjalova, A. M., and others. - Results of radiotherapy in laryngeal cancer. *Voen.-med. shir.* no. 12:18-20 M '68.
- Gamil, V. L. - Clinical aspects and treatment of pulmonary cancer. *Klin. khir.* no. 4:13-17 Ap '63.
- Gartov, V. M. - Early detection of primary forms of pulmonary tuberculosis in servicemen. *Voen.-med. shir.* no. 11:77-78 M '68.
- Gavrilov, S. G., Kalashnikov, A. A. - Differential diagnosis of round formations in the lungs. *Klin. khir.* no. 4:7-12 Ap '63.
- Gerasimova, M. I. - Costopulmonary anastomosis: indications and operative technique. *Grad. khir.* 7 no. 6:84-73 M-D '68.

418.1 (Continued)

- 14

- 34-777 Q - 10 - 17

- 34

618.8 (Continued)

- Baryshnikova, A. D. - Multiple lesions of abdominal organs in neurofibromatosis (Recklinghausen's disease). *Klin. khir.* no. 5:63-65 May '63.
- Belinikov, M. I. A., Ryff, L. M. - Rib deformations, subcutaneous oil cysts, and osteogenesis formation following extrapleural oleothorax. *Klin. khir.* no. 4: 26-27 Apr '63.
- Belinikov, M. I. - Microflora of trophic ulcers treated with Borinolysis. *Vest. khir.* 101 no. 7:83-85 Jul '66.
- Bogoroditskiy, P. A. - Histomorphological data on the stages of malignant degeneration of planocellular skin tumors. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:12-19 '67.
- Bolshakov, A. B. - Further observation of the functional state of the skin in trichotomycosis during X-ray treatment. *Sbor. nauch. rab. KZNI* 43:213-216 '67.
- Dol'matskiy, O. V., Chernysheva, L. V. - Lymphatic vessels of the skin and subcutaneous tissues of Filatov's graft. *Klin. khir.* no. 3:15-19 Mar '64.
- Dzhanabova, D. B. - Preliminary data on cytological diagnosis of some skin tumors. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:190-195 '67.
- Gilmer-Zakhar, G. B. - Lesions of mucous membranes in cutaneous leukodermatosis of the I type. *Trudy Azerb. nauch.-issl. inst. mod. parat. i trop. med.* 5:134-135 '66.
- Gritskaya, M. V. - Rare case of Recklinghausen's disease. *Klin. khir.* no. 5:63-65 May '63.
- Karaguzina, M. A., Zlochevskaya, T. M. - Pyrogenal treatment of psoriasis. *Vrach. delo* no. 7:132-137 Jul '66.
- Khachatryan, K. A. - Study of the carcinogenic properties of chromium compounds by their effect on the skin of mice. *Zhur. eksp. i klin. med.* 6 no. 6:88-91 '63.
- Khachatryan, O. K. - Pathohistological changes in a free skin graft with and without biological glue. *Sbor. nauch. rab. KZNI* 43:107-110 '67.
- Klin, O. M., Rol'nik, L. G. - Results of treatment of recurrence of skin cancer. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:170-171 '67.
- Martins, M. I. - Treatment of dermatomycosis with griseofulvin under alpine conditions. *Sbor. nauch. rab. KZNI* 43:203-204 '67.
- Orlovskiy, A. R., Petrus, M. M., Dol'matskiy, O. V. - Use of oxygen in free dermal plasticity. *Klin. khir.* no. 3: 11-12 Mar '64.
- Shatrov, V. A., and others. - Etiology of skin neoplasms. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:63-65 '67.
- Shatrov, V. A. - Data on histological study of skin cancer. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:66-71 '67.
- Smirnov, V. B. - Disorders of porphyrin metabolism in late porphyria of the skin. *Vrach. delo* no. 7:141-143 Jul '66.
- Sokolova, A. I. U. - Method of radiation treatment of angiomatous of the integuments and mucous membranes. *Klin. khir.* no. 1:23-26 Jan '64.
- Teplov, V. V., Larionovskaya, Z. S., Shikha, A. P. - Dermatoscopic changes in reticulitis. *Sbor. nauch. rab. KZNI* 43:181-184 '67.
- Torgov, I. D. - Surgical treatment of goiter and thyrotoxicosis. *Klin. khir.* no. 4:27-29 Apr '63.
- Vasileva, M. M. - Dynamics of the content of serum lipids in patients with systemic lupus erythematosus under steroid treatment. *Sbor. nauch. rab. KZNI* 43:179-183 '67.
- Zharov, G. G. - Diseases simulating "acute abdomen" (Shimshala-Henoch disease). *Klin. khir.* no. 4:49-51 Apr '63.

616.5(477)—Urology

- Chetverikova, V. M. - Prevention of suppurative skin diseases due to microtrauma at the Dnepropetrovsk Metallurgical Plant smelter after Karl Liebknecht. *Klin. khir.* no. 1:45-46 Jan '63.

616.5(578.2)—Klinicheskaya

- Teplov, V. V., and others. - Study of the functional state of the skin in systemic and psoriasis under clinical conditions. *Sbor. nauch. rab. KZNI* 43:23-24 '67.

616.8 Urology

- Akramov, I. U. A. - Nephropathy. *Klin. khir.* no. 8:75 May '63.
- Aganov, D. A. - Analysis of lethal outcomes in patients with adenoma of the prostate. *Sbor. nauch. rab. KZNI* 43:184-187 '67.
- Aganov, D. A. - Perineal puncture biopsy using a modified instrument, in the diagnosis of diseases of the prostate. *Sbor. nauch. rab. KZNI* 43:188-193 '67.
- Aldarov, A. A. - Hydronephrosis of the left L-shaped kidney simulating an "acute stomach." *Klin. khir.* no. 3:73-74 Mar '63.
- Isakova, R. B. - Some characteristics of the course and treatment of Addison's disease in conjunction with other diseases. *Sbor. nauch. rab. KZNI* 43:147-149 '67.
- Iskhakov, M. V. - Effect of dehydrocholic acid on choleliths. *Biol. eksp. i med.* 68 no. 10:60-63 Oct '66.
- Iskhakov, M. V., and others. - Latest cancer of the prostate according to autopsy data. *Arch. pat.* 30 no. 13:24-44 '65.
- Rugrova, L. M. - Diabetes mellitus and myocardial infarct. *Sbor. nauch. rab. KZNI* 40:143-146 '66.

- Dylov, L. M. - Diagnosis of the nephrolithiasis in children. *Klin. khir.* no. 3:68-69 Mar '64.
- Duplik, X. K., Kaleda, I. S. - Beriberi-like lesions of the kidneys. *Klin. khir.* no. 4:43-45 Apr '63.
- Kalishina, O. S., Almarova, A. M., Tashanov, M. T. - Role of cytologic diagnosis in tumors of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:148-149 '67.
- Pedorchuk, P. M. - Some modification and late results of nephropathy by porolone. *Klin. khir.* no. 4:63-64 Apr '64.
- PK'o, I. S. - Renal echinococcosis. *Klin. khir.* no. 1: 23-25 Jan '64.
- Qitovskiy, A. G. - Epithelial growth of the prostate implanted by Lazarov's method. *Biol. eksp. i med.* 68 no. 10:84-86 Oct '66.
- Larionovskiy, V. L., Karamov, M. V. - Intracapsular access through the Geyzer's-Lesbe's triangle in the removal of nephroliths. *Klin. khir.* no. 4:60-62 Apr '64.
- Il'minskiy, B. V., Petrova, M. P. - Urinary excretion of 4-pyridoxic acid in secondary atherosclerosis. *Kardiologiya* 5 no. 6:14-18 Jun '65.
- Kalishina, O. S., Karamova, V. S., Zharov, A. A. - Mental disorders in Miners' disease. *Zhur. nevrol. i psikh.* 68 no. 13:134-139 '65.
- Kalishina, O. S. - Experience in the treatment of nephrolithiasis. *Klin. khir.* no. 4:64-66 Apr '64.
- Karamova, V. S., Karamova, Z. I. A. - Surgical treatment of hydrocele testis. *Klin. khir.* no. 3:33-35 Mar '63.
- Kharinov, A. L. - Repeated operation on a single kidney. *Klin. khir.* no. 4:66-67 Apr '63.
- Kozlovskiy, I. U. A. - Atypical course of renal tumors. *Klin. khir.* no. 1:134-135 Jan '64.
- Krivonozko, V. V., Iskhakov, T. S. - Serial transducer sonography in the diagnosis of tumors of the kidneys and upper urinary tract. *Klin. khir.* no. 3:39-45 Mar '63.
- Karamov, M. V. - Aseptic substitution of the technique of suprapubic puncture of the urinary bladder. *Klin. khir.* no. 3:60 Mar '63.
- Lebedev, A. A. - Changes in the acid-base equilibrium and the acidifying reactions of the kidneys in epileptiform convulsive fits. *Zhur. nevrol. i psikh.* 68 no. 11:127-130 '65.
- Martov, I. M., Mitroshchikov, M. S. - Effect of operative intervention on the state of coagulation and anticoagulation blood systems in diabetes mellitus. *Vest. khir.* 100 no. 7:97-99 Jul '66.
- Maslovskiy, A. L., and others. - Significance of stenosed lesions of the renal arteries in the development of arterial hypertension. *Kardiologiya* 5 no. 6:7-14 Jun '65.
- Mirles, I. D. - Inguinal ectopy of the testis. *Klin. khir.* no. 3:36-38 Mar '63.
- Martov, I. M. - Treatment of tuberculosis of the urinary bladder. *Klin. khir.* no. 4:67-68 Apr '63.
- Melidorskiy, V. M. - Error in the diagnosis of isolated intraperitoneal rupture of the urinary bladder. *Klin. khir.* no. 1:177-78 Jan '64.
- Migmatuliy, K. S., Rozenshteyn, A. G. - Diagnostic errors. *Klin. khir.* no. 4:62-63 Apr '64.
- Omelchuk, V. L. - Prophylactic vasectomy in tuberculosis of the male genitalia. *Klin. khir.* no. 4:65-66 Apr '63.
- Pashkovskiy, V. P. - Asepticitis of Zakharia-Read stone in nephroureteral colic. *Klin. khir.* no. 4:63 Apr '64.
- Pavlov, I. U. V., and others. - Methodology of parietal sonography in the diagnosis of tumors of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:140-145 '67.
- Poid'ko, I. A. - Complication of hydrocele testis at foci of spermatoth. *Klin. khir.* no. 3:79 Mar '63.
- Pokrov, A. T., Shania, I. U. M., Mitroshchikov, M. V. - Some adrenocortical functions in surgery under autonomic intracranial other narcosis and inhibition of vegetative reflexes during corticosteroid treatment. *Klin. khir.* no. 1:53-55 Jan '63.
- Pyrig, I. A., and others. - Stereotaxic treatment of chronic glomerulonephritis, without interruption of the nitrogen excretory function of the kidneys, on the southern shore of the Crimea. *Vrach. delo* no. 7:44-47 Jul '66.
- Pysal', A. I. A., Dehavad-Zade, M. D. - Pathogenesis, clinical aspects and treatment of ureterolithiasis. *Klin. khir.* no. 1:65-66 Jan '64.
- Ravitskiy, M. S. - Association of a giant vesical calculus, metal fragment in the prostate gland, and acute bilateral obstruction. *Klin. khir.* no. 1:64 Jan '64.
- Shkhir-Ahiev, R. I. A. - Methodology of urethroplasty in hypospadias in children. *Vest. khir.* 101 no. 7:143-144 Jul '66.
- Shkharov, M. I. - Spontaneous rupture of the urinary bladder in syringomyelia. *Vest. khir.* 101 no. 7:143 Jul '66.
- Shukler, B. A., Resnik, B. M. - No osteitis following surgery on the urogenital org. *Klin. khir.* no. 1: 61-65 Jan '64.
- Shkharov, M. I. - Malignant tumors of the prostate in children. *Klin. khir.* no. 3:69-72 Mar '64.
- Shkharov, M. I. - Giant solitary cyst of the right kidney. *Klin. khir.* no. 4:66-67 Apr '64.
- Shkharov, M. M., Popov, A. A. - Late results of nephrectomy based on autopsy data. *Klin. khir.* no. 4:40-43 Apr '63.
- Tashanov, M. T., Tashanov, A. T. - Telo-TSPA in combination with oxygen in intravascular chemotherapy of cancer of the urinary bladder. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:260-266 '67.

- Tokhina, A. D. - Histological study of the effect of an adjuvant on the cavernous bodies of the penis under experimental conditions. *Sbor. nauch. rab. KZNI* 43:188-193 '67.
- Tokhina, A. D. - Clinical significance of the creatinine test in compound in examination of the functional state of the kidneys in prostatic adenoma. *Klin. khir.* no. 1: 23-25 Jan '64.
- Tishchenko, G. V. - Anatomical principles of extra-peritoneal removal of the urinary bladder, prostate gland, seminal vesicles and transposition of ureters in the rectum. *Book, AN Gruz. SSR* 61 no. 1:331-336 Jul '62.
- Tsvetov, E. P. - Dangers of infection in the urinary tract in intestinal transplantation surgery on the urinary bladder. *Klin. khir.* no. 3:45-48 Mar '63.

616.88 Sex life and disorders

- Tokhina, A. D. - Case of hypospadias with monorchism corrected by means of surgery in a male considered for 22 years to be a female. *Sbor. nauch. rab. KZNI* 43:188-193 '67.

616.7 Diseases of the locomotor (skeletal) system

- Akopchian, V. R. - Radiographic data following fractures of the long tubular bones in children. *Sbor. nauch. rab. KZNI* 43:191-197 '67.
- Akopchian, V. R. - Results of the transplantation of osseous homographs preserved by different methods as perinatal study. *Sbor. nauch. rab. KZNI* 43:198-204 '67.
- Aliev, I. S., Shorink, L. A. - Clinical and electrophysiological studies of the dynamics of muscular changes in progressive facial atrophy. *Vrach. delo* no. 7:76-78 Jul '66.
- Arslanova, A. V. - Rheumatological changes of the skeleton following cerebral paralysis. *Sbor. nauch. rab. KZNI* 43 no. 3:115-117 '67.
- Asanullov, Zh. T. - Apparatus for performing closed metallic osteosynthesis in fractures of the femoral neck. *Sbor. nauch. rab. KZNI* 43:198-197 '67.
- Asipova, M. M., Andreeva, R. A., Lashkova, F. P. - Experience in X-ray treatment of syringomyelia. *Sbor. nauch. rab. KZNI* 43 no. 2:146-148 '67.
- Asvatourian, A. A., Potokova, E. Z. - Open fractures of the long tubular bones of the lower extremities complicated by osteomyelitis. *Sbor. nauch. rab. KZNI* 43 no. 3:120-121 '67.
- Avetisyan, N. K. - Physiological characteristics of the sternocleidomastoid muscle in congenital muscular torticollis before and after surgery. *Sbor. nauch. rab. KZNI* 43:198-197 '67.
- Babish, D. G. - Lesions of the locomotor system in brookite. *Trudy Azerb. nauch.-issl. inst. mod. parat. i trop. med.* 5:134-135 '66.
- Badalov, Kh. A., Dokhukhin, R. M. - Osteoblastosteoma of the jaws and its treatment. *Sbor. nauch. rab. KZNI* 43:198-197 '67.
- Belinikov, M. I. A., Ryff, L. M. - Rib deformations, subcutaneous oil cysts, and osteogenesis formation following extrapleural oleothorax. *Klin. khir.* no. 4: 26-27 Apr '63.
- Beckalev, A. M., and others. - Analysis of the changes in muscle innervation during the development of spastic contractures and their treatment in children. *Zhur. nevrol. i psikh.* 68 no. 10:1477-1478 '66.
- Bel'movich, I. T. - Asepticitis of the bone marrow of the human wing bones. *Klin. khir.* no. 1:65 Jan '64.
- Bogatyrev, M. F. - Diagnosis and treatment of neonatal injuries. *Klin. khir.* no. 1:62-65 Jan '64.
- Borisevich, M. V., Kevlyan, I. F., Khodiyev, K. I. - Domestic substitution of some methods of traversing irradiation of the upper jaw. *Trudy Kazakh. nauch.-issl. inst. onk. i radiol.* 3:106-109 '67.
- Cheskin, A. L. - Treatment of osteomyelitis for use of acute hematogenous osteomyelitis in children. *Klin. khir.* no. 3:33-37 Mar '64.
- Dobrova, S. M. - Changes in the organic vases following injury of the cranium. *Sbor. nauch. rab. KZNI* 43 no. 3:149-151 '67.
- Ngilov, G. M. - Malignant tumors of the jaws. *Sbor. nauch. rab. KZNI* 43 no. 3:138-144 '66.
- Fractional anesthesia in humeral radiotherapy. *B. A. Veltman*. *Klin. khir.* no. 5:68-67 May '63.
- Galstina, S. M., Andreeva, G. M., Galstina, S. M. - Substitution of the closed method treatment of epithelial cysts of the maxillofacial area. *Klin. khir.* no. 1: 61-65 Jan '64.
- Galstina, S. M. - Rare case of chondromatosis of the elbow joint. *Sbor. nauch. rab. KZNI* 43 no. 3:149-151 '67.
- Gavrilin, M. I. - Complications of osteomyelitis: infections and operative techniques. *Grod. khir.* 7 no. 5:64-73 May '66.
- Gavrilin, M. I., Bagdasarian, M. P. - Foot myosarcoma in the U.S.S.R. *Klin. khir.* no. 1:61-67 May '63.
- Gerasim, N. A., Fradman, A. P. - Changes in electroencephalogram in closed craniocerebral trauma in combination with lesions of the chest and spine, and fractures of bones of the extremities. *Vest. khir.* 100 no. 7:108-113 Jul '66.
- Goncharenko, V. V. - Use of fluoroplast in plastic surgery on vagin tendinitis. *Sbor. nauch. rab. KZNI* 43 no. 3:149-151 '67.
- Gordeev, I. I. - Osteochondropathy of the heads of two metatarsal bones of the right foot. *Klin. khir.* no. 3: 76-78 Mar '63.
- Gorodetskiy, V. A. - Treatment of paronychia under the conditions of a medical aid station. *Voen.-med. zhur.* no. 1:176 D '66.

Grigorian, Y. M. - Clinical aspects and treatment of hemophilic arthropathy. Short, speech trad. Errev. musc., -leal, no. 6-98-0nd 188

65.6 (Continued)

- 11'isova, O. N. - Use of vasopressin in angiospastic disorders during menopause. *Alush. i gta.* 40 no. 6: 145-145 W-D '64.
- Kisev, D. N., Poppe, O. K. - Electroencephalographic characteristics of the clinical forms of oligoparesis in children. *Zhur. nervr. i psikh.* 68 no. 10:1494-1494 '68.
- Udel'son, I. A. B. - Some physiological parameters in degeneration and regeneration processes of the facial nerve under experimental conditions. *Trudy TSU* 91:92-92 '68.
- Brachetto, F. - Functional state of the thyroid gland in schizophrenia. *Sbor. sbid. reb. KGM* 10:18-21 '68.
- Ivov, V. V., Pashkovskii, K. V. - Prognostic significance of an electroencephalogram in severe combined trauma with cranioencephalic injury. *Vest. khir.* 101 no. 7:113-113 '68.
- Tranova-Shodonskaya, I. A., Levchenko, N. I., Chernogovskaya, M. V. - Importance in and methodology of postoperative therapy of the liver in the clinical course of the nervous system. *Zhur. nervr. i psikh.* 68 no. 12:1808-1809 '68.
- Trakova, K. A., Kharashev, K. M., Antonova, A. A. - Significance of changes in cerebral electric activity for the evaluation of late sequelae of closed trauma of the brain. *Zhur. nervr. i psikh.* 68 no. 12:1807-1807 '68.
- Trakova, K. A. - Method of compound therapy in the degenerative humeral radialitis. *Voen.-med. zhur.* no. 12:183-183 D '68.
- Ivov, O. N. - Results of entering the median and ulnar nerves in various periods of the operative intervention. *Vest. khir.* 101 no. 7:113-113 '68.
- Kharashev, K. M. - Difficulties in forensic psychiatric evaluation of complicated forms of alcoholism intoxication. *Prak. sudobnopsikh. ekspert.* no. 8:84-84 '68.
- Kalishchik, V. V. - Lobectomy treatment of tobacco smoking habit and the effect of lobectomy on vegetative and vascular reactions. *Zhur. nervr. i psikh.* 68 no. 12:1804-1804 '68.
- Konradin, K. F., Babashova, S. B. - Interrelationship of local and overall brain factors in the formation of some neuropathic disorders in the acute period of cerebral ischemia. *Zhur. nervr. i psikh.* 68 no. 12:1781-1781 '68.
- Kravtsov, E. N. - Mechanism of interhemispheric synchronization of synchronous epileptic discharges. *Sob. AN Gruz. SSR.* 11 no. 1:133-133 '68.
- Kulov, K. L., and others. - Adaptive changes in the auditory system of the radio operator during a long flight. *Voen.-med. zhur.* no. 11:180-180 '68.
- Kulmanova, M. A., and others. - Changes in cerebral bioelectric activity in some chronic diseases of the nervous system. *Vrach. delo* no. 7:183-183 '68.
- Krasnaya, I. S. - Topography of the changes in cerebral neuroglia in white matter during starvation. *Biol. eksp. med.* 44 no. 10:108-108 '68.
- Kupis, S. L. - Comparative analysis of peracute meningitis in children treated with penicillin and sulfonylurea introduction of antibiotics. *Zhur. nervr. i psikh.* 68 no. 10:1483-1483 '68.
- Kiselev, V. A. - Clinical significance of measuring venous pressure during pneumoencephalography in epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1813-1813 '68.
- Kisel, A. D. - New diagnostic test in chorea minor. *Zhur. nervr. i psikh.* 68 no. 10:1448-1448 '68.
- Kalashov, D. V., Murin, M. A. - Dynamics of neurovegetative indices in children with bronchial asthma. *Zhur. nervr. i psikh.* 68 no. 10:1446-1446 '68.
- Kondratenko, O. I., Trifonov, M. A. - Neurological syndrome in children with cortical rhabd. *Zhur. nervr. i psikh.* 68 no. 10:1441-1441 '68.
- Karoleva, M. S. - Application of prosthesis to the sciatic nerves in rabbits and dogs. *Trudy TSU* 91:137-137 '68.
- Korovin, A. M. - Diagnosis and military medical expertise of syncope. *Voen.-med. zhur.* no. 12:183-183 D '68.
- Kryshova, M. A., Kartikova, B. G. - Some problems of etiology and pathogenesis of the hereditary determined form of Hille's disease. *Zhur. nervr. i psikh.* 68 no. 10:1433-1433 '68.
- Kryshova, M. A., Shisengart, K. M., Golitsina, Y. M. - Use of the method of statistical processing for the detection of characteristics of EEG in focal lesions of the brain. *Zhur. nervr. i psikh.* 68 no. 12:1771-1771 '68.
- Kutshchik, M. S., Ushakov, D. A. - Changes in the locomotor apparatus and peripheral nervous system in air-borne troops. *Voen.-med. zhur.* no. 11:180-180 '68.
- Kuzmina, F. V., and others. - Changes in the content of water and electrolytes in the blood and tissues of patients with shock phenomena. *Vest. khir.* 101 no. 7:113-113 '68.
- Kusik, B. I., Kozlov, V. M. - Tissue factors of blood coagulation in cerebral membranes and the role of these factors in the development of pathological processes. *Zhur. nervr. i psikh.* 68 no. 12:1808-1808 '68.
- Kvartskvili, E. M., Timchenko, B. G. - Application of endotracheal ether anesthesia in brain malformation. *Klin. khir.* no. 8:80-80 '64.
- Lebedev, A. A. - Changes in the acid-base equilibrium and the acidifying functions of the kidneys in epileptiform convulsive fits. *Zhur. nervr. i psikh.* 68 no. 12:1837-1837 '68.
- Lavrova, F. A., Kiselev, V. B. - Origin of a neurotic state in the stimulation of certain cerebral structures. *Zhur. nervr. i psikh.* 68 no. 6:604-604 W-D '68.
- Likhterman, L. B., Frumkina, A. P., Khitria, L. Kh. - Differential diagnosis of focal encephalitis of vessels of the brain and intracranial traumatic hematomas. *Zhur. nervr. i psikh.* 68 no. 12:1871-1871 '68.
- Likhterman, L. B., Filatova, A. D. - Afferent and efferent states in the clinical course of cerebral lesions. *Zhur. nervr. i psikh.* 68 no. 12:1763-1763 '68.
- Livshits, M. L. - Therapeutic use of cocaine in humoral radialitis. *Vrach. delo* no. 7:183-183 '68.
- Lar'v, E. L. - Varieties of Babinski's pathological pyramidal tract. *Zhur. nervr. i psikh.* 68 no. 12:1817-1817 '68.
- Malyukov, P. K. - Vegetative vascular disorders at a late period following closed cranial trauma in young persons. *Voen.-med. zhur.* no. 12:184-184 D '68.
- Malyukov, P. K. - Characteristics of cerebral reactions in children with closed cranioencephalic trauma. *Zhur. nervr. i psikh.* 68 no. 10:1448-1448 '68.
- Mikhailova, I. A. - State of the nervous system in newborn infants of mothers with cardiac diseases. *Zhur. nervr. i psikh.* 68 no. 10:1435-1435 '68.
- Mikhailovskii, V. S. - Surgical treatment of trigeminal neuralgia. *Klin. khir.* no. 1:6-11 '64.
- Mironov, M. S., Lebedev, B. V. - Electroencephalographic studies in oligoparesis in children. *Zhur. nervr. i psikh.* 68 no. 10:1461-1461 '68.
- Mishin, G. I. - Neuroses and neurotic states. *Voen.-med. zhur.* no. 12:183-183 D '68.
- Mitrova, L. A., Terebenitski, L. G. - Anesthesia in neurosurgery on patients in a state of traumatic shock. *Klin. khir.* no. 1:46-46 '64.
- Molodtsova, V. S., Gogolova, V. G. - Dynamics of the pressure of the cerebrospinal fluid during pneumoencephalography in epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1811-1811 '68.
- Makhatov, B. A., Zviagin, Y. Y. - Apparatus for the introduction of contrast media in stress pneumoencephalography. *Voen.-med. zhur.* no. 11:180-180 '68.
- Mechal, A. L. - Leucocyte reaction to surgery on the brain and spinal cord under local anesthesia and hypothermia. *Klin. khir.* no. 1:6-11 '64.
- Mikhailovskii, L. V., Kharashev, K. M. - Derivatives of an infection and allergic origin. *Vrach. delo* no. 7:183-183 '68.
- Ognev, B. V. - Application of metallic prosthesis to nerves. *Trudy TSU* 91:9-9 '68.
- Ognev, B. V., Baskina, A. A. - Changes in the peripheral portions of intercostal and prosthesis-provided sciatic nerves in monkeys. *Trudy TSU* 91:93-93 '68.
- Oskrinina, M. M., Deeva, M. A. - Diagnosis, treatment and expertise in idiopathic humeral radialitis. *Voen.-med. zhur.* no. 12:183-183 D '68.
- Ostapenko, Y. I. A. - Changes in motor innervation of skeletal muscles of the extremities during the immobilization: experimental histological study. *Klin. khir.* no. 1:37-44 '64.
- Ovcharova, P., and others. - Experiments in quantitative study of the interrelationship between aphasic syndromes and genetic and praxic disorders in vascular diseases of the brain. *Zhur. nervr. i psikh.* 68 no. 12:1785-1785 '68.
- Ovseva, M. B. - Functional state of the adrenal cortex in seasonal manifestations of viral etiology. *Zhur. nervr. i psikh.* 68 no. 10:1444-1444 '68.
- Pankratov, M. A. - Sensitivity and motility of the nervous system in persons with Down's disease. *Zhur. nervr. i psikh.* 68 no. 12:1813-1813 '68.
- Petrushchanskii, M. V. - Clinico-electroencephalographic comparisons in families of patients with familial epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1804-1804 '68.
- Petrov, V. S. - Electro-microscopic characteristics of synapses of the cerebral cortex in patients with epileptic seizures. *Zhur. nervr. i psikh.* 68 no. 12:1837-1837 '68.
- Polezhaev, M. F., Chumak, V. I. - Conducting the stimulation of a nerve provided with a metallic connective prosthesis. *Trudy TSU* 91:208-208 '68.
- Purshik, M. M., Pashkov, B. M. - Neurological changes in healthy persons following two-month hypokinesia. *Koem. biol. i med.* 3 no. 3:81-81 My-Je '68.
- Ratner, R. - Effect of trichloroethane on an associative experiment. *Sbor. sbid. reb. KGM* 10:31-34 '68.
- Ramenskaya, M. S., Smakova, M. O. - Myopathic syndromes associated with chronic acquired toxoplasmosis. *Zhur. nervr. i psikh.* 68 no. 12:1848-1848 '68.
- Rezhishnikova, T. M. - Some neurophysiological mechanisms of the appearance of affective disorders following a cranioencephalic trauma. *Prak. sudobnopsikh. ekspert.* no. 8:80-80 '68.
- Romanovskiy, I. A. - Changes in the body in disorders of the body in disorders of the body in disorders of the body. *Zhur. nervr. i psikh.* 68 no. 12:1785-1785 '68.
- Rubtsova, B. S., Ivov, B. V. - Bioelectric activity of the cerebral cortex in epilepsy during occupational therapy. *Zhur. nervr. i psikh.* 68 no. 12:1804-1804 '68.
- Savitskii, V. M., Sarkisyan, V. G. - Experimental therapy of cerebral edema in white rats and rabbits. *Biol. zhur. Arm.* 31 no. 3:37-37 My '68.
- Semenov, S. V., Chuprikov, A. P., Kozlov, V. P. - Anticerebral antibodies in provides with cerebral pathology and in their newborn infants. *Zhur. nervr. i psikh.* 68 no. 12:1819-1819 '68.
- Semenova, K. A. - Pathogenesis theory in disorders of the motor functions, speech, and intellect in children with cerebral paralysis. *Zhur. nervr. i psikh.* 68 no. 10:1477-1477 '68.
- Shakolov, V. K. - Disorders of sodium-potassium metabolism in patients with trauma of the skull and brain at an acute period. *Zhur. nervr. i psikh.* 68 no. 12:1833-1833 '68.
- Shefer, D. G., Shvov, A. A., Krasnovskaya, A. B. - Significance of statokinetic disorders in the neurological diagnosis of tumors of the temporal lobe of the brain. *Zhur. nervr. i psikh.* 68 no. 12:1774-1774 '68.
- Shogin, I. I. - Clinical characteristics and pathogenesis of total disorders of sensibility in late sequelae of closed and open cranioencephalic trauma. *Zhur. nervr. i psikh.* 68 no. 12:1848-1848 '68.
- Shkurnova, A. A. - Microanatomy of the facial nerve trunk at different stages, following intervention and application of prosthesis with specific metallic conductors. *Trudy TSU* 91:93-93 '68.
- Shkurnova, Z. A. - Characteristics of denervation and reinnervation processes of the mimic muscles in dogs following specific metallic conductors application in late sequelae of facial nerves. *Trudy TSU* 91:177-177 '68.
- Shkurnova, Z. A. - Data on extensive electrodiagnosis and electromyography of the degeneration and regeneration of the facial nerve following tactile-conductor-equipped prosthetics application. *Trudy TSU* 91:183-183 '68.
- Shkurnova, Z. A. - Heterogenic regeneration of the facial nerve following its grafting with the central segment of the hypoglossal nerve. *Trudy TSU* 91:184-184 '68.
- Shkurnova, Z. A. - Histopathology of the nerve trunk in the region where special metallic conductors have been introduced. *Trudy TSU* 91:180-180 '68.
- Smirnov, V. M. - Problems of the organization of epidemiological studies on vascular lesions of the brain, and the program of the World Health Organization. *Zhur. nervr. i psikh.* 68 no. 12:1784-1784 '68.
- Smolin, L. B., Burrov, I. U. - Oculography, electrooculography, and electroencephalography in diabetes mellitus in adults and children: a review of the literature. *Zhur. nervr. i psikh.* 68 no. 12:1874-1874 '68.
- Stepanova, T. S., Grachev, K. V. - Some characteristics of the electric activity of deep cerebral structures in epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1833-1833 '68.
- Stralkova, M. I., Hasekova, L. M. - Vegetative polyneuropathies and experience in their treatment. *Vrach. delo* no. 7:183-183 '68.
- Turektskii, L. P. - Analysis of the occurrence of neurocirculatory dystonia. *Voen.-med. zhur.* no. 12:183-183 D '68.
- Ter-Shapiryan, A. A. - Case of a late laminectomy for a lesion of the spinal cord caused by the fracture of the second lumbar vertebra. *Sbor. sbid. reb. KGM* 10:31-34 '68.
- Tsialmas, K. M., Kipris, S. L. - Functional state of the adrenal cortex in children with paraneoplastic meningitis at the peak of the disease. *Zhur. nervr. i psikh.* 68 no. 10:1457-1457 '68.
- Tortunenko, L. D. - Chloropirvin gastric letargy. *Klin. khir.* no. 2:48-48 '68.
- Turevskii, L. I. - Traumatic epilepsy. International symposium held in Marcell, September 8-9, 1968. *Zhur. nervr. i psikh.* 68 no. 12:1747-1747 '68.
- Ulin, A. V. - Dynamics of the copper content in whole blood, trace elements, and serum, and the coefficient of its distribution in epileptics. *Zhur. nervr. i psikh.* 68 no. 12:1833-1833 '68.
- Utkin, V. V. - Microbiogenesis and differential diagnosis of vertigo. *Voen.-med. zhur.* no. 12:147-147 D '68.
- Vaisrub, M. I. A. - Functional state of the monoocytic system in patients with traumatic epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1833-1833 '68.
- Vain, A. M., Maklaka, V. S. - Analysis of supraspinal influences in lesions of structures of the brainstem. *Zhur. nervr. i psikh.* 68 no. 12:1804-1804 '68.
- Vil'nyanskaya, M. L. - Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during the second quarter of 1968. *Zhur. nervr. i psikh.* 68 no. 12:1734-1734 '68.
- Vinitskii, A. R. - Late sequelae of frontal trauma of extractions. *Klin. khir.* no. 8:85-85 My '64.
- Vinitskii, I. M., Borzheva, M. M. - Anticholinergic effect of atropine-β-hydroxybutyric acid under experimental and clinical conditions. *Zhur. nervr. i psikh.* 68 no. 12:1837-1837 '68.
- Volinskii, M. I. A. - Use of electronic computers in the analysis of evoked potentials in patients with atrophy of visual nerves. *Zhur. nervr. i psikh.* 68 no. 12:1778-1778 '68.
- Vorobiev, B. P. - Role of the etiologic factor in the course of temporal epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1837-1837 '68.
- Voronin, A. G., Kalchenko, K. I. - Myelocles in children. *Klin. khir.* no. 8:77-77 My '64.
- Vorobiev, M. L. - Significance of rheoencephalographic asymmetries. *Vrach. delo* no. 7:180-180 '68.
- Vorobiev, G. L. - First appearance of epilepsy. *Zhur. nervr. i psikh.* 68 no. 12:1841-1841 '68.
- Vysotskaya, V. P. - Effect of reflexive formation on the blood coagulation systems in syringomyelia. *Vrach. delo* no. 7:180-180 '68.
- Vysotskaya, V. P. - Prosthesis application to the vagus nerve: experimental study. *Trudy TSU* 91:181-181 '68.
- Zakrodin, O. M., Babashova, S. B. - Change in the optical density of hepatic and cardiac mitochondria in rats with neurogenic dystrophy. *Biol. eksp. med.* 44 no. 10:108-108 '68.
- Zakrodin, O. M., Egorova, T. M. - Progressing course of plasmic polyneuritis. *Vrach. delo* no. 7:147-147 '68.
- Kozlov, M. A., Danilenko, G. B., Karamanov, V. G. - Significance of cerebral angiography in the diagnosis of tumors in the sella (sella). *Klin. khir.* no. 1:11-11 '64.
- Everev, A. F. - Surgical treatment of myelocles. *Klin. khir.* no. 3:19-19 My '64.

61.88 Psychiatry. Psychopathology. Mental disorders. Monthly

- Alkhatia, M. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during July 1968. *Zhur. nervr. i psikh.* 68 no. 12:1733-1733 '68.
- Alkhatia, M. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during August and September 1968. *Zhur. nervr. i psikh.* 68 no. 12:1838-1838 '68.
- Aleksandr Aleksandrovich Sokolov on his 70th birthday. *Zhur. nervr. i psikh.* 68 no. 10:1464 '68.

- 1907

614.9 (Continued)

Kish, L. M. - Diagnosis and treatment of botulism infection and intoxication. *Voen.-med. zhur.* no. 11:64-71 M '63

615.9(479)—Caucasian and Transcaucasian

Solovchenko, I. K. - Possible role of the ticks *Rhipicephalus sanguineus* in the epidemiology of leptospirosis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:227-230 '65.

616.9(479.24)—Azerbaijan S.S.R.

Abasov, Kh. D. - Elimination of the darkly pigmented in its intensive food in Kakhk and Tsum Districts of the Azerbaijan S.S.R. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:50-56 '65.

Abzalimov, M. S. - Case of detection of the *Alseobolus* complex in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:320 '65.

Alakbarov, F. P., Borisova, L. P. - Some characteristics of the ecology of the water vole, and its role in Lerik District, a natural focus of leptospirosis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:240-243 '65.

Aliev, S. I., Shakhmurov, M. A. - Treatment of apicomplexes of different etiology. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:145-154 '65.

Bagdasarian, M. G., Mirzoyev, K. I., Givental', M. I. A. - Organization of therapeutic and prophylactic measures and their effectiveness in the sanitation of the population of Lankaran District from ancylostomiasis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:24-25 '65.

Balashova, R. A. - Significance of some species of psyllids, and the *Oenothrips* ticks in supporting the foci of tick-borne ancylostomiasis in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:247-249 '65.

Dzhafarov, A. A. - Question malaria and measures for its prevention in the Azerbaijan S.S.R. *Trudy nauch.-issl. inst. med. paraz. i trop. med.* 5:103-106 '65.

Dzhafarov, R. B. - Methods of Russian scientists in the field of research, and organization of control of parasitic diseases in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:3-9 '65.

Ghasanov, G. D. - Simple and accessible method of mass treatment of cutaneous leishmaniasis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:141-145 '65.

Ghasanov, G. G. - Some results of the work on the elimination of leishmaniasis in Lankaran District. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:79-79 '65.

Ghasanov, G. A., Tulov, S. M. - Epidemiological characteristics of ancylostomiasis in Zakataly District. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:118-123 '65.

Ghasanov, G. A. - Types of ancylostomiasis foci in Azerbaijan and measures of their sanitation. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:13-18 '65.

Kadimov, A. A. - Stages of studying malaria and its control in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:83-90 '65.

Kotlov, M. Dzh. - Distribution of strongyloidosis in the Azerbaijan S.S.R. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:86-88 '65.

Mardany, A. S. - Epidemiology of amebiasis in the Azerbaijan S.S.R. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:94-107 '65.

Nikolayev, A. I., Iakubova, M. I. A. - Mosquitoes in Ordubad District of the Azerbaijan S.S.R., one of the foci of visceral leishmaniasis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:136-139 '65.

Nikolayev, A. I. - Visceral leishmaniasis in Shirvan and Karabakh Steppe of Azerbaijan, and the problems of its control. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:108-123 '65.

Taghi-Zade, T. A., and others. - Natural foci of leptospirosis in the Lankaran physiogeographical area. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:233-236 '65.

Taghi-Zade, T. A. - Results of retrospective study of the population of Kurra-Aras Lowland for leptospirosis. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:226-231 '65.

Taghi-Zade, T. A., Samadov, A. S. - Outbreak of leptospirosis in Shakh village of Agstafob District. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:223-224 '65.

Trofimov, G. K. - Materials on the fauna, ecology, and epidemiological significance of greenbot flies (*Lucilia*, *Calliphoridae*) in Azerbaijan. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:107-121 '65.

616.9(479.243)—Makhachevan A.S.S.R.

Ghasanov, Kh. M. - Prevention of tick-borne ancylostomiasis in the Makhachevan A.S.S.R. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:263-265 '65.

616.9(479.24)—Armenian S.S.R.

Yirumov, Kh. M. - Organizational systems of malaria control and scientific methodological management which have led to the elimination of malaria in the Armenian S.S.R. *Trudy Azerb. nauch.-issl. inst. med. paraz. i trop. med.* 5:91-94 '65.

616.9(575.3)—Kirghiz S.S.R.

Gutskova, K. L. - Clinical characteristics of aspele in young children according to materials of children's hospitals of the city of Frunze. *Sbor. nauch. rab. KGM 43:128-130 '67.*

616.955 Virus infections

Adzhigitov, V. I. and others. - Study of the possibility of in vitro cultivation of the virus agent causing a leukemia-like disease in monkeys. *Vop. virus.* 13 no. 4:484-487 JI-Ag '68.

Aksenov, V. A., Selidovskaya, D. A., Orlova, M. M. - Evaluation of the prophylactic effectiveness of placental gamma-globulin among children in preschool institutions during the 1957 influenza epidemic. *Vop. virus.* 13 no. 4:484-487 JI-Ag '68.

Berdinskikh, M. S., Kozlov, P. M. - New antigens in cells infected with influenza virus. *Vop. virus.* 13 no. 4:441-444 JI-Ag '68.

Chernov, V. I., Oskina, A. V., Gendov, I. U. Z. - Comparative study of reproduction of varicella-zoster virus in subgroups of viruses in L cells. *Vop. virus.* 13 no. 4:406-415 '68.

Denilova, S. A., Gavrilov, V. L., Martynova, V. M. - Hemagglutinating properties of rubella virus. *Vop. virus.* 13 no. 4:439-443 JI-Ag '68.

80 years of Soviet public health service. *Vop. virus.* 13 no. 4:357-359 JI-Ag '68.

Gerasimova, L. P., Koshcheva, M. L., Parasova, M. I. - Possibility of penetration of fixed rabies virus into the central nervous system of animals in antirabies vaccination. *Vop. virus.* 13 no. 4:474-478 JI-Ag '68.

Ignatieva, G. V. and others. - Clinical-epidemiological effectiveness of prophylactic action of 3, 1, 5 and 1 M.L. gamma globulin in foci of natural measles and influenza infection. *Vop. virus.* 13 no. 4:444-448 JI-Ag '68.

Kharanovskaya, R. I. A. - Clinical aspects and diagnosis of adenovirus diseases. *Vrach. delo* no. 7:104-105 JI '68.

Klitak, V. I. A. - Isolation of various species of *Reovirus* from the influence of hydrocyanic acid. *Vop. virus.* 13 no. 4:438-439 JI-Ag '68.

Kolomak, G. A. and others. - Compound diagnosis of rabies. *Vop. virus.* 13 no. 4:470-474 JI-Ag '68.

Kondratyeva, G. P., Vod'ya, R. A. - Parathymic infection and infection in children up to the age of three according to serological research materials. *Sbor. nauch. rab. KGM 43:159-161 '67.*

Makolovskikh, M. B., Parfakova, M. S. - Quantitative calculation of cytological changes for characterization of the infectious processes created by adenoviruses in tissue culture. Study of the dynamics of adenovirus type-4 in serial dilution culture. *Vop. virus.* 13 no. 4:415-421 JI-Ag '68.

Marchenko, V. I., Babalov, A. A., Pokidayeva, L. M. - Human and animal interferon. *Vop. virus.* 13 no. 4:436-441 JI-Ag '68.

Margaria Talas. - Effect of prolonged passage of cells from hamster tumors induced by monkey virus 40 on isolation of oncogenic virus and superinfection. *Vop. virus.* 13 no. 4:457-461 JI-Ag '68.

Nadarashvili, A. M., Tarbo, M. M., Kotikidze, M. G. - Some data received in studies of transmissible strains of Shope rabbit carcinoma. *Vop. virus.* 13 no. 4:448-454 JI-Ag '68.

Nevstrov, V. D., Rozanova, A. I., Titova, L. M. - Properties of strains of tick-borne encephalitis virus isolated in different geographical zones. *Vop. virus.* 13 no. 4:421-428 JI-Ag '68.

Nikolovskaya, G. A. - Study of adenoviruses, circulating among the population, and their role in some diseases. *Vrach. delo* no. 7:114-118 JI '68.

Oreanova, M. B. - Functional state of the adrenal cortex in seasonal modifications of viral etiology. *Kluz. nerv. i psikh.* 68 no. 10:1484-1487 '68.

Problems of general virology at a scientific anniversary conference of the Institute of Virology named after D. I. Ivanovskii of the Academy of Medical Sciences of the U.S.S.R., Moscow, October 25-26, 1967. *Vop. virus.* 13 no. 4:320-324 JI-Ag '68.

Molotov, V. D., Mokladova, L. I., Orlova, M. G. - Pathogenic and formative properties of inhibitor-resistant and inhibitor-sensitive strains of influenza A/57. *Vop. virus.* 13 no. 4:394-401 JI-Ag '68.

Tikhonova, K. M., Kipria, S. L. - Functional state of the adrenal cortex in children with paratuberculous at the peak of the disease. *Kluz. nerv. i psikh.* 68 no. 10:1487-1491 '68.

Trachenko, E. A., Chumakov, M. P. - Study of hemagglutinating activity of tick-borne encephalitis viruses under the conditions of cultivation in primary and (BHK)-21 cultures of Syrian hamster kidney cells. *Vop. virus.* 13 no. 4:433-436 JI-Ag '68.

Zolotarev, M. A. and others. - Study of antiviral and interferon activity of some copolymers of vinyl pyrrolidone. *Vop. virus.* 13 no. 4:401-406 JI-Ag '68.

616.955(471.66)—Astrakhan Province

Darova, V. V., Chumakov, M. P., Semenov, B. F. - Serological data on the role of birds in the circulation of Shadok virus in the Volga Delta. *Vop. virus.* 13 no. 4:441-445 JI-Ag '68.

617 Surgery

Aleksandr Vasilevich Arutunov on his 60th birthday. *Klin. khir.* 30:112-4 JI '64.

Andriyev, D. B. - Surgical treatment of prolonged scapula fractures. *Vest. khir.* 16 no. 7:104-106 JI '67.

Bakhtiarov, V. A. - Hemangiomas of the small intestine. *Klin. khir.* no. 4:82-85 Ap '64.

Demeterev, V. I. - Fibrosarcoma of the sigmoid. *Klin. khir.* no. 4:86-88 Ap '64.

Bleasov, A., Gusev, I. K. - Problems of surgical treatment of emphysema of the pleural cavity in children. *Klin. khir.* no. 3:43-45 Mr '64.

Belykh, L. I. - Rare congenital anomaly - duplication of a part of the small intestine. *Klin. khir.* no. 4:67-68 Ap '64.

Bureas, G. A. - Necrosis of the small intestine caused by Meckel's diverticulum in a newborn. *Klin. khir.* no. 3:81 Mr '64.

Cheshtis, A. L. - Treatment of septicopycemic forms of acute hemogenous osteomyelitis in children. *Klin. khir.* no. 3:23-27 Mr '64.

Denilak, B. I., Zhukovskii, L. I. - A page from the history of thoracic surgery. *Klin. khir.* no. 4:76-77 Ap '63.

Dotsenko, A. P. - Surgical treatment of metastatic cancer of the lung. *Klin. khir.* no. 4:89-90 Ap '64.

Filippov, P. L., Khalka, Kh. T. - Coprolith simulating a tumor of the large intestine mesentery. *Klin. khir.* no. 4:86-87 Ap '64.

Gamburg, A. M. - Nikolai Ivanovich Pirogov, founder of the doctrine of wound ballistics. *Klin. khir.* no. 8:90-93 Ag '63.

Ismi Mikhailovich Briksin, 1856-1946; an obituary. *Trudy Kazakh. inst. khir. i akup. khir.* 13:3-4 '67.

Ivanov-Deshevich, G. P. - Irrigation of the vortiform process into the lumen of the coccyx. *Klin. khir.* no. 4:90 Ap '64.

Kaledin, I. S. - Experience in the treatment of septicoiditis. *Klin. khir.* no. 4:84-86 Ap '64.

Kisilev, S. Z., Berdinskikh, R. A. - Nosological factors of the small intestine. *Vest. khir.* 10 no. 7:16-20 JI '66.

Krapko, L. L., Tkachenko, S. S. - Nosological replacement of joint ends and diaphyseal defects of the bones. *Vest. khir.* 10 no. 7:25-26 JI '66.

Mikhaylovskii, V. S. - Surgical treatment of trigeminal neuralgia. *Klin. khir.* no. 1:18-19 Ja '64.

Murav'ev, V. P. - Five cases of cysticoduodenostomy. *Klin. khir.* no. 6:76-77 Ja '64.

Oreshnikov, A. V. - Pseudotumors of organs of the abdominal cavity. *Klin. khir.* no. 4:18-20 Ap '64.

Pavlov, V. I., Adamenko, M. M. - Two observations of lymphangiomas of the small intestine mesentery. *Klin. khir.* no. 4:81-83 Ap '64.

Podskov, M. G. - Morphological changes in the gastric wall in stenosis of the pyloroduodenal region of ulcerous origin. *Klin. khir.* no. 8:75-78 My '64.

Popov, M. K., Oreshnikov, K. P. - Multiple sarcoma of the small intestine. *Klin. khir.* no. 4:84-85 Ap '64.

Ratner, G. I. - Causes of the "pulsatile disease." *Klin. khir.* no. 8:84-86 My '64.

Rudimovich, G. S., Krol, I. M. - Nosological observations during the immediate postoperative period of surgical interventions on organs of the chest. *Klin. khir.* no. 5:76-81 My '64.

Sorokin, G. A. - Errors in the diagnosis of cancer of the appendix and appendicular infiltrates. *Klin. khir.* no. 5:81-84 My '63.

Stal'makh, K. G. - Giant solitary cyst of the right kidney. *Klin. khir.* no. 6:85-87 Ja '64.

Stepanov, R. S. - Fibrosarcoma of the transverse colon. *Klin. khir.* no. 4:79 Ap '64.

Turovets, I. G., Ulanovskii, I. M. - State of the blood coagulation system in some surgical diseases. *Klin. khir.* no. 2:8-10 F '64.

Xvoren, A. P. - Surgical treatment of myeloma. *Klin. khir.* no. 2:18-23 Mr '64.

Kybaev, M. A., Kozlov, I. V. - Desmoids and inflammation (tumor) of the anterior abdominal wall. *Klin. khir.* no. 4:13-18 Ap '64.

617(479.104)—Capitalist countries of the world
Rosen, V. - Rhodreth heart transplantation. *Mov. vrazh.* 27 no. 1:29 Ja '68.

617(477)—Ukrainian S.S.R.

Omyk, S. M. - History of the development of surgical service in Kakhk and Volynsk Districts, Transcarpathian Province (1875-1941). *Klin. khir.* no. 4:78-79 Ap '63.

Shapko, P. L. - State and tasks of surgical service for the population of the Ukrainian S.S.R. *Klin. khir.* no. 1:3-18 Ja '63.

Skripnichenko, D. F. - Organization of and prospects for the development of surgical services in the Ukrainian S.S.R. *Klin. khir.* no. 2:3-8 F '63.

617.3 Orthopedics

Aksamitov, Kh. T. - Apparatus for performing closed metallic osteosynthesis in fractures of the femoral neck. *Sbor. nauch. rab. KGM 43:188-191 '67.*

Aksamitov, Kh. T. - Comparative X-ray data of homo- and hetero-, and metallo-osteosynthesis in experimental fractures of the femoral neck. *Sbor. nauch. rab. KGM 43:181-184 '67.*

Astashechkin, A. A. - Bone holder for osteosynthesis of tubular bones. *Sbor. nauch. rab. KGM 43:185-187 '67.*

Cheng, A. L. - Comparative evaluation of the methods of treating fractures of the lower third of the humerus in children. *Klin. khir.* no. 3:63-66 Mr '64.

Cherkas-Zade, D. I. - Treatment of metastatic fractures by means of skeletal traction on a specific bar. *Sbor. nauch. rab. KGM 43:185-187 '67.*

Golub, F. M., Britan, A. I. - Consolidation of fractures in radiation sickness. *Klin. khir.* no. 1:43-47 Ja '64.

Grigolovich, V. I. - Chlorine electrophoresis in compound treatment of fractures of the distal end of the humerus in children. *Sbor. nauch. rab. KGM 43 no. 3:63-69 '67.*

Washburn, L. G. - 160

- 67 147

- 614 Gynecology, Obstetrics

- Bank of India, P. D., Chd.

- 40

- Dzhardanov, A. A., Lap

- Khvor-Shekhov, V. I. -

- radial, 3:273-276 '07

- Gladstone, IU, M. - Dec

- 197 37

- 110 07.

- Kullback, B. V. - Princeton

- blood to provide to a cell

- Malamed, M. L. - Chief
 Assistant Secretary of Education

- biological labor, and the
-
- maintenance of the

- Small, faint, oval, 1 red dot.
Marsupium 10 x 10 mm.

- WHL. Trade Mach. 1
1912-1914 95

- of the worms according
to the of Alma-Ala

- Horvath, V. M. - Determination of Phosphorus in Phosphorus

- 40 HQ. 67-94-48 A-D
Investigation of M. J. [redacted]

- experience and results
agreed very well with the re-

- PAID. A. K. - General

- Patron - *M. A.*

- 1 radol, 2:24-2:30

- construction reactions in

- page 10, no. 1111-1112

- 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

620.17 (Continued)

- Averbikh, I. I., Fedotkin, G. A., Polakovich, E. P. - Theoretical basis of assessment of the stress state of metals with the aid of polarized ultrasound. *Uch. zap. Lening. univ.* 40:57-62 '67.
- Bukharin, O. A., Monushkov, A. N., Vlasov, B. A. - Method of determining the impact strength of materials. *Zav. lab.* 31:144, 8:1005-1007 '68.
- Danko, T. Y. - Measuring the wear of thread-guides with radioactive isotopes. *Izv. vva. uch. zap. Lening. univ.* no. 8:103-107 '68.
- Derg, I. G., Lisarski, M. P. - Determining the catalytic of manganese dioxide and its compounds with other oxides using gas chromatographic and thermographic methods. *Zav. lab.* 34: no. 8:978-980 '68.
- Fedorov, A. V. - Set of instruments for automatic multiple-point measurements of the resistivity of concrete. *Izvestiya nauch. i tekhn. ust. i konstr.* no. 3:34-37 '67.
- Frolov, A. S., Kovalenko, V. P., Pivchuk, S. I. - Method of estimating dynamic strength of metallurgical coils. *Izv. i tekhn. ust. i konstr.* no. 4:9-11 '68.
- Gerasimov, V. A., and others. - Determination of elasticity and shear modulus at temperatures of up to 1500° C in vacuum or in an inert gas atmosphere. *Zav. lab.* 31: no. 8:974-975 '68.
- Gopur, V. V. - Possibility of using the ultrasound in the etching process of ferromagnesian. *Izv. i tekhn. ust. i konstr.* no. 7:43-47 '67.
- Greshchikov, V. M., and others. - Investigating properties of coke cake structure. *Izv. i tekhn. ust. i konstr.* no. 8:54-57 '68.
- Greshchikov, V. M. - Using pendulum sclerometers to determine surface hardness of coke. *Izv. i tekhn. ust. i konstr.* no. 8:58-59 '68.
- Grishin, A. A., Shalagin, B. P. - Equipment for the study of the wear resistance of materials under the effect of a high-speed air flow saturated with hard particles. *Zav. lab.* 34: no. 8:1014-1015 '68.
- Korotkiy, N. I., and others. - Grounds for establishing the influence for a conventional yield limit during biaxial extension of sheet materials. *Zav. lab.* 34: no. 8:933-935 '68.
- Kozlov, V. P., Ponomarev, V. V., Oskobina, A. A. - Velocity changes of longitudinal sound waves in the same parts with different water content. *Izv. i tekhn. ust. i konstr.* no. 3:71-73 '67.
- Kryukov, L. N., and others. - Ultrasound control of butt weld joints of boiler pipes. *Izv. i tekhn. ust. i konstr.* no. 11:21-23 '66.
- Krasnichenko, P. A., Kravtsov, M. G. - Geometrical design of rotating cutting tools on stone cutter-loaders. *Trudy VPI* 175:73-79 '64.
- Garber, M. E., Zakharenko, L. D., Tsybin, L. I. - Investigating wear-resistance properties of white cast iron. *Izv. i tekhn. ust. i konstr.* no. 8:3-5 '67.
- Gerasimovich, B. M. - Shear testing device for viscoplastic materials. *Zav. lab.* 34: no. 8:1010-1011 '68.
- Gerasimovich, B. M., Kravtsov, V. A., Simakovskiy, A. P. - Methods of high-temperature testing of high-strength metals in vacuum. *Zav. lab.* 34: no. 8:990-993 '68.
- Gerasimovich, B. M., Kravtsov, V. A., Simakovskiy, A. P. - Four-pointed vacuum equipment for creep testing during flexure at temperatures of up to 900° C. *Zav. lab.* 34: no. 8:1013-1014 '68.
- Gribak, I. A., Drazda, V., Radinov, V. B. - Studying hardening kinetics of the plaster of Paris considering sound velocity variations, strength and hydration grades of samples. *Izv. i tekhn. ust. i konstr.* no. 2:82-84 '67.
- Gribak, I. A., Radinov, V. B. - Strength of brittle synthetic material granules. *Zav. lab.* 34: no. 8:1003-1005 '68.
- Kuznetsov, M. I. - Pilot plant investigations relative to the influence of ultrasound on coal flotation processes. *Prilozheniya k izvestiyam i tekhn. ust. i konstr.* no. 4:167-171 '67.
- Karpov, G. V., Romanov, O. M., Kuznetsov, M. I. - Methods of estimating the cold brittleness of high-carbon steel by results of testing the static tensile. *Zav. lab.* 34: no. 8:1001-1004 '68.
- Khrushchev, I. P. - Parameters of the components of the forward-stroke-sampling mechanism on super drills. *Trudy NTI* 178:10-18 '68.
- Kolesnikov, A. G. - Resistance of chill mold coatings. *Izv. i tekhn. ust. i konstr.* no. 1:59-60 '68.
- Korotkiy, N. I., Gerasimovich, B. M. - Stability of colloids in slac plating electrolyte and microhardness of deposits. *Izv. vva. uch. zap. Lening. univ.* no. 8:1004-1006 '68.
- Krasnichenko, P. A., Kravtsov, M. G. - Estimating the friction coupling materials. *Zav. lab.* 34: no. 8:1007-1009 '68.
- Krasnichenko, P. A., Kravtsov, M. G. - Calculating stresses in casters during borehole drilling. *Trudy NTI* 178:8-21 '68.
- Lapina, V. - Estimating the strength of hardened gas concrete by the velocity of transverse wave propagation in it. *Izv. i tekhn. ust. i konstr.* no. 3:15-17 '67.
- Lapina, V., Kondor, O. I., Krasnichenko, P. A. - Studying pore formation processes in gas concrete by the method of impedance impedance. *Izv. i tekhn. ust. i konstr.* no. 3:15-17 '67.
- Makarevich, M. U. - Cylindrical bending of a two-layer plate. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Makarevich, M. U. - Vibration strength of welded tube-walled pipes in a biaxial stressed state. *Izv. i tekhn. ust. i konstr.* no. 1:7-9 '68.
- Makarevich, M. U., Oskobina, A. A., Krasnichenko, P. A. - Electric discharge phenomena in freshly formed crystals of sodium sulfate. *Koll. zh.* 30: no. 4:643-653 '68.
- Kuznetsov, K. A., Tashkin, A. E. - Durability estimation of steels strengthened by electrolytic iron plating. *Trudy Khim. i tekhn. ust. i konstr.* 64:104-105 '68.

- Kislov, I. U. M. - Impact test of rolls welded by contact and gas pressure methods. *Vest. TGU MPE* 27: no. 3:13-15 '68.
- Mikhailov, V. G., Oskobina, A. A. - Optical polarization method used in the study of stresses originating in hard-alloy cutting tools during soldering. *Trudy NTI* 178:64-71 '68.
- Mikhailov, V. G., Oskobina, A. A., Kravtsov, M. G. - Performance of static blade plows in soil-salt zones. *Trudy NTI* 178:64-71 '68.
- Mikhailov, V. G., Kravtsov, M. G., Bairo, V. T. - Influence of the cooling medium on the performance of a mining cutting tool, and determination of the efficient conditions of cooling. *Trudy NTI* 178:64-71 '68.
- Mikhailov, V. G., Lisarski, M. P., Kravtsov, M. G. - Performance of self-rotating cutting tools during rock breaking. *Trudy NTI* 178:64-71 '68.
- Oskobina, A. A., and others. - Effect of BaO, SrO, XaO additives on the elasticity of some metallurgical steels (II). *Izv. i tekhn. ust. i konstr.* no. 3:97-100 '67.
- Parfomov, O. P., Chisty, E. D. - Safety in gamma-ray deflection. *Izv. i tekhn. ust. i konstr.* no. 8:33-39 '68.
- Parfomov, O. P., Pogrebnik, A. D. - Fatigue durability of heat-resistant materials under the action of programmed variations in operational loads and temperatures. *Trudy i tekhn. ust. i konstr.* no. 8:111-118 '68.
- Ponomarev, V. V., and others. - Effect of geometric dimensions of hardening concrete samples on the propagation velocity of longitudinal waves. *Izv. i tekhn. ust. i konstr.* no. 3:34-37 '67.
- Pivchuk, S. I., Kovalenko, V. P. - Comparing aerodynamic properties of ship hulls built on the basis of a heat furnace course. *Izv. i tekhn. ust. i konstr.* no. 8:123-124 '68.
- Popov, V. G., Bryukov, M. N. - Resistance of iron coatings to abrasive wear. *Izv. i tekhn. ust. i konstr.* no. 8:4-5 '68.
- Prizhvalov, E. I. - Determining the mechanical characteristics of heat glass. *Zav. lab.* 34: no. 8:1003-1004 '68.
- Rodichev, I. U. M., Krasnichenko, P. A. - Equipment for the study of mechanical properties of plastics in vacuum at low and high temperatures. *Zav. lab.* 34: no. 8:1015-1017 '68.
- Sergiyev, O. E. - Determining dynamic moduli of longitudinal and transverse elasticity, Poisson's ratio, and decrements of concrete. *Izv. i tekhn. ust. i konstr.* no. 3:56-70 '67.
- Shestakov, I. U. M., Kravtsov, M. P. - Equipment for the determination of the heat resistance of cast iron. *Zav. lab.* 34: no. 8:1011-1013 '68.
- Shestakov, I. U. M. - Strength of wet and dry sand-clay standard specimens and foundry models. *Izv. i tekhn. ust. i konstr.* no. 10:6-8 '68.
- Shur, D. M., Brimberg, I. L., Krasnichenko, P. A. - Low-cycle fatigue strength of pressure vessel patterns in build up welding. *Izv. i tekhn. ust. i konstr.* no. 8:13-15 '68.
- Sokolov, A. M., Kozlov, K. - Phase stress of linear elastoplastic reinforced materials. *Izv. i tekhn. ust. i konstr.* no. 1:114-116 '67.
- Sokolov, A. M., Zylkin, I. P. - Comparison of the mechanical and experimental methods for the study of materials. *Izv. vva. uch. zap. Lening. univ.* no. 8:1017-1018 '68.
- Stashkevich, D. I. - Wear testing of concrete-epoxy-resin cast iron on abrasives. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Tashkin, A. A. - Influence of some technological factors on the mechanical properties of precision castings. *Izv. i tekhn. ust. i konstr.* no. 10:13-15 '68.
- Vais, E. K. - UDM-1 device for the industrial control of thread tension. *Tekhn. i tekhn. ust. i konstr.* no. 10:13-15 '68.
- Vladimirov, V. I., Kravtsov, M. G., Makhov, A. A. - Mechanism of the friction wear of parts at high temperatures in a complex gas medium. *Trudy NTI* 178:187-188 '68.
- Volkov, A. M., Lisarski, M. P., Tashkin, A. E. - Abrasive wear resistance of concrete-epoxy-resin cast iron. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Volkov, A. M., Tashkin, A. E. - Effect of the compressive contact on the abrasive wear resistance of concrete-epoxy-resin cast iron. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Volkov, A. M., Oskobina, A. A., Krasnichenko, P. A. - Polysaccharide investigation method in the condition of monolithic reinforced concrete shells of water cooling towers. *Konstr. stroit.* no. 3:62-66 '67.
- Zakharov, M. E. - Determination of internal stresses in coatings by the flexible cathode (bending) method. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Zakharov, M. E. - Adhesion number in the break-away of polydisperse particles. *Koll. zh.* 30: no. 4:617-621 '68.

620.17(777)—Ukraine S. S. R.

- Krasnichenko, P. A. - Using the theory of correlation for the analysis of the quality of coke. *Izv. i tekhn. ust. i konstr.* no. 8:114-117 '68.

620.18 Investigation of structure. Metallography Equivalent study of materials

- Artukh, M. I. - Determination of heat of formation of a series of compounds by a quantitative thermal analysis. *Zh. fiz. khim.* 41: no. 4:783-787 '67.
- Baranov, A. A., Babin, K. P. - Growth mechanism in cast iron and graphite steel. *Izv. i tekhn. ust. i konstr.* no. 1:33-35 '68.
- Chernys, V. V. - Possibility of using the ultrasound in the etching process of ferromagnesian. *Izv. i tekhn. ust. i konstr.* no. 7:43-47 '67.

- Vaidgudov, E. G., Krasnichenko, P. A. - Effect of the temperature conditions of forging on the structure and properties of 15KhNVT steel. *Izv. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Vidov, N. S., Petrov, A. P., Blinn, E. E. - Results of investigating 15CrAlV manganese-manganese steel with nitrogen. *Prilozheniya k izvestiyam i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Golovinskiy, B. A., and others. - Investigating the intermetallic areas in bimetal sheet. *Izv. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Krasnichenko, P. A. - Chemical microheterogeneity of the matrix in malleable cast iron. *Izv. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Krasnichenko, P. A., Babin, K. P. - Classification of microstructures of the working layer in two-layer rolls. *Zav. lab.* 34: no. 8:1008-1009 '68.
- Lisarski, M. P., Kravtsov, M. G. - X-ray study of the surface layers of austenite-manganese cast iron subjected to wear from sliding friction with lubricants containing abrasives. *Trudy Tashk. univ. i tekhn. ust. i konstr.* no. 18:41-43 '68.
- Makarevich, M. U., Khoroshch, V. I. A. - Exposing the microstructure of cast iron in cathode etching. *Zav. lab.* 34: no. 8:1007-1008 '68.
- Ponomarev, V. V., Spivak, G. V., Shalagin, B. P. - Electro-optical investigations of W-Mo alloys. *Izv. AN SSSR, Ser. fiz.* 33: no. 8:1035-1038 '68.
- Rodichev, I. U. M. - Chemical heterogeneity of steel castings. *Izv. i tekhn. ust. i konstr.* no. 1:33-35 '68.
- Rybakov, I. D., Rybakov, A. I. - Method for non-destructive testing of metals. *Zav. lab.* 34: no. 8:1008-1009 '68.
- Tashkin, A. E., Managla, I. U. V., Tashkin, G. I. - Character of flow during extrusion and its effect on the metal structure. *Izv. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Vladimirov, V. I., Krasnichenko, P. A. - Electron microscopical investigation of the dislocation structures produced in steel during ultrasonic deformation. *Izv. AN SSSR, Ser. fiz.* 33: no. 8:1035-1038 '68.
- Vladimirov, V. I., Krasnichenko, P. A. - Use of the dark field method for defining the orientation of crystals in an electron microscope. *Zav. lab.* 34: no. 8:1008-1009 '68.
- Vlasov, I. U. G., and others. - Study of the kinetics of water removal from chrysotile asbestos. *Izv. AN SSSR, Ser. fiz.* 33: no. 8:1035-1038 '68.

620.18 Defects and deterioration in materials. Corrosion and erosion

- Abramov, D. M., Evdokimov, B. V. - Study of the work of macrocorrosion pairs in heterogeneous systems carbon tetrachloride - chloroform - water. *Aksh. khim. zh.* no. 8:100-101 '68.
- Ashkova, M. E., Krasnichenko, P. A. - Influence of quartz fiber burning on its strength. *Stek. i keram.* 24: no. 1:23-25 '67.
- Belova, V. N. - Corrosive and electrochemical behavior of aluminum alloys in water at high temperatures. *Zashch. met.* 4: no. 8:723-730 N-D '68.
- Belova, V. N., Gromova, A. L., Gerasimov, V. V. - Corrosion action of steel in a vapor phase derived from water with different pH values. *Tekhn. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Bogdanov, V. P., Kadnikov, M. I. - Investigating the deforming properties of copper loops in halogenated solutions. *Zashch. met.* 4: no. 8:740-741 N-D '68.
- Borodai, F. I. A., Krasnichenko, M. I. - On the most widespread imperfections in optical vacuum compressed quartz glass. *Stek. i keram.* 24: no. 1:26-27 '67.
- Borodai, F. I. - Painting of arms. *Tekhn. i tekhn. ust. i konstr.* no. 3:34-35 '67.
- Chigal, V. - Certain problems of intercrystalline corrosion in corrosion resistant steels. *Zashch. met.* 4: no. 8:637-645 N-D '68.
- Dalman, I. U. K., and others. - Behavior of nickel and platinum in alkali melts. *Zh. fiz. khim.* 41: no. 4:741-744 '67.
- Dikunov, V. M. - Panel roofs of tanks and gasholders with anticorrosive coatings. *Mont. i stroit. v. i tekhn. ust. i konstr.* no. 8:114-117 '68.
- Exposition of electrolytic corrosion research in the L. A. Karpov Physicochemical Institute (80th anniversary of the Institute). *Zashch. met.* 4: no. 8:618-638 N-D '68.
- Fedorovich, P. T. - Study of the wear resistance of coatings with epoxy resin basis. *Trudy Khim. i tekhn. ust. i konstr.* 64:104-105 '68.
- Fukushige, Y. E. - Corrosion of aluminum in alkaline solutions. *Korr. i zashch. v. i tekhn. ust. i konstr.* no. 3:8-9 '68.
- Geller, I. - How to organize the fight against rejects. *Stek. i keram.* 33: no. 12:59 D '68.
- Gishchik, A. I., Andreeva, V. V. - Corrosion and electrochemical behavior of aluminum, titanium, and alloys of aluminum - titanium in phosphoric and nitric acid solutions. *Khim. i tekhn. ust. i konstr.* no. 8:1178-1180 '68.
- Golovinskiy, B. A., Mamonov, K. A., Petrov, I. U. M. - Character of the wear of electrolytic iron coatings during dry friction. *Trudy Khim. i tekhn. ust. i konstr.* no. 8:106-107 '67.
- Gerasimovich, B. M., Kravtsov, V. I. - Study of the wear resistance of electrolytic "alloys" of iron and aluminum oxide. *Trudy Khim. i tekhn. ust. i konstr.* 64:104-105 '68.
- Lapshin, L. N., Gerasimovich, B. M. - Electron diffraction examination of the surface of uniaxially polarized metal. *Zashch. met.* 4: no. 8:718-719 N-D '68.

- 1004

821.00(477) (Continued)

- 621.00(477)—Ukraine S. S. R.
Patsinkin, S. K. - Method of figuring out schedules for manufacturing parts with the aid of electronic computers. *Eksp. i organ. prom. stroit.* no. 2:96-97 '86.
- 621.006 Feed and feeding parts
Pashutin, B. V. - Effect of the curvature of the coil on the force characteristics of compressed springs. *Uch. zap. Mord. gos. un.* no. 82:108-110 '87.
- Val'berg, N. K., Givarts, M. K., Arshadskaya, L. R. - Waterless assembly of processing equipment. *Monit. i spets. rab. v stroit.* 50 no. 11:3-4 '82.
- 621.004 Form and shape of products
Olovskikh, S. A., and others. - Investigating the lateral area in bimetal sheet. *Stor. trud. TSNIMF* no. 53:10-15 '87.
- Olovskikh, S. A., and others. - Manufacture of two-layer sheet for agricultural machinery. *Stor. trud. TSNIMF* no. 53:8-9 '87.
- Mamontov, L. V., and others. - Layer cohesion in bimetal. *Stor. trud. TSNIMF* no. 53:14-18 '87.
- 621.005 Operation control and regulation
Mikh, D. G. - Some possibilities for automatic pressure control systems in pipelines using forecasting of disturbances. *Transp. i khim. nef. i nefteprod.* no. 6:3-7 '85.
- Lukavich, B. M. - Some regularities of the operator training process. *Vop. psikh.* 14 no. 3:17-26 My-Je '84.
- Isodovnikov, P. M. - Determining the duration of starting an electric drive with an asynchronous motor. *Trudy MINKHIMP* no. 47:86-101 '84.
- 621.007 Servicing, maintenance, assembly, protection and safety devices
Mamed, L. L., Oskanov, M. G., Lokshin, M. A. - Calculating basic parameters of contact seals, operating under conditions of combined friction. *Khim. mashinost.* no. 8:11-17 '88.
- Murav'ev, A. F. - Insulating machinery should conform to the requirements of safety engineering. *Stroitel'stvo*, 11 no. 4:29 Ap '88.
- 621.01 Mechanical engineering theory and principles. Design and construction of machinery
Arkharev, A. M. - Method of forecasting difficult to control losses in cooling during the analysis of low-temperature cycles. *Izv. vyz. ucheb. zav. i mashinost.* no. 8:33-38 '88.
- Dervizov, S. K. - Some constructional deficiencies of the DT-78 and MTZ-80 tractors from the point of view of safety techniques. *Uch. zap. Mord. gos. un.* no. 83:50-51 '87.
- Gaffar, V. I. - Determining dynamic properties of polymers by the method of registering frequency characteristics. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:87-93 '88.
- Garm, M. M., Vasiliev, A. M. - Graphical method of determining the location of a plane figure relative to the axis lying on its plane. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:83-88 '88.
- Orlov, V. M., and others. - Construction of seed sowing machines with automatic optimum sowing work control. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Gromskiy, A. A. - Experimental study of the system of an automatic hydraulic amplifier of a coupling weight. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Kozlov, D. B. - Aspects of the selection of an aperture angle of a collimator feeding pump. *Uch. zap. Mord. gos. un.* no. 82:17-21 '87.
- Korber, V. B., Kozlov, V. G., Kriachko, K. A. - Obtaining of initial information and its processing for the modeling of agricultural tasks and their regulating systems. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Kuznetsov, B. M., Bogdanov, M. A. - Determining the parameters of double blade cutting units. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Kuznetsov, B. M. - Theory of double blade cutting units. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Lashin, L. P. - Reliability, structure, and behavior of systems. *Avtom. i vych. tekhn. (Riga.)* no. 1:30-31 Ja-F '88.
- Lashin, L. P. - Form of the blade wing of a rotary furrow cultivator. *Uch. zap. Mord. gos. un.* no. 83:21-27 '87.
- Lur, A. R., Kozlov, V. G. - Methodology of modeling agricultural tasks and their regulating systems during occasional starting disturbances. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Mironov, M. - Determining elastic moments in machine shafts. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:101-108 '88.
- Ovchinnikov, A. G. - Analogs of velocities and accelerations of three-dimensional mechanisms and their determination by the method of closed vector networks. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:101-108 '88.
- Plavinskiy, B. V. - Role of a closed kinematic pair in determining the number of degrees of freedom of the mechanism. *Uch. zap. Mord. gos. un.* no. 83:117-121 '87.
- Sokolov, G. P., Pilyukin, D. S. - Increasing the working speed of a down-the-row thinner. *Uch. zap. Mord. gos. un.* no. 83:28-36 '87.

- Shukhova, Z. A. - Calculation of the median widening of the flow by means of a model of the diffuser. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Smirnov, S. N. - Characteristics of the blade method of machine construction. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:101-108 '88.
- Svetitskiy, S. P. - Method of establishing the cost of new large machinery at the early stages of designing. *Eksp. i organ. prom. stroit.* no. 8:104-107 '86.
- Volkov, A. A., Malinin, I. D., Mikhlin, M. M. - Determination of the operator's transmission function by means of a self-adjusting method. *Vop. psikh.* 14 no. 4:143-147 Ji-Ag '85.
- 621.011 Theory, principles and practice of automation. Automatic control
Akhmedov, S. B., Treidel', V. K. - Selecting the parameters of an automatic control system for auxiliary turbo-generators of the Kaluga Turbine Plant. *Trudy TSNIMF* no. 54:82-87 '88.
- Antonenko, K. M., Tkach, E. M. - Optimum diameter of yarn winding on the beam. *Tekst. prom.* 38 no. 10:10-11 O '88.
- Antonenko, S. A., Petrov, V. P. - Causes of the occurrence of natural oscillations in automatic water temperature control systems in the cooling of marine diesel engines. *Trudy TSNIMF* no. 54:43-48 '88.
- Antonenko, S. A., Petrov, V. P. - Static design of the automatic control system of water temperature in diesel engine cooling. *Trudy TSNIMF* no. 54:3-23 '88.
- (Automatic control, remote control, and computer technology) *Rak. kibr.* Avtom. i vych. tekhn. no. 18 O '88.
- Babitskiy, M. M. - Sufficient conditions of optimality. *Izv. inst. tekhn.* no. 4:3-21 '86.
- Babitskiy, L. A., Gromskiy, V. B. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries, and products processed from them. *Trudy MINKHIMP* 8:60-63 '84.
- Baron, L. A. - Periodicity of the sequence of degrees of an autonomous automaton. *Uch. zap. Kaz. un.* 124 no. 2:106-108 '84.
- Baklanov, A. - Conditions of decomposition and estimation of optimality of the minimization of the duration of the performance of a complex of operations. *Trudy AN L.H. SSSR*, Ser. B no. 8:136-148 '88.
- Baklanov, A. A., Makashov, S. K. - Method for determining the reliability characteristics of redundant systems. *Avtom. i vych. tekhn. (Riga.)* no. 1:84-84 Ja-F '88.
- Bolotov, A. K. - Synthesis of circuits operating on ferrite-transistor elements. *Avtom. i vych. tekhn. (Riga.)* no. 1:80-84 Ja-F '88.
- Bolotov, R. G. - Some equalities in the theory of stochastic automata. *Uch. zap. Kaz. un.* 124 no. 2:42-48 '84.
- Carta relations between indicators of the index of working and properties of scale in plastic state. *Met. i mashinost.* no. 9:11-18 '88.
- Daydov, I. U., Malafay, S. V., Gromskiy, G. M. - Automatic control of air parameters in cheese storehouses. *Khod. tekhn.* 48 no. 10:28-33 O '88.
- Daydov, I. U. - Use for remote measuring, recording, and control of relative air humidity. *Khod. tekhn.* 48 no. 10:27-30 O '88.
- Diavula, G. - Problem in piecewise linear programming. *Trudy AN L.H. SSSR*, Ser. B no. 8:133-104 '88.
- Dodkov, V. I., and others. - Improving the method of plasticometric analysis of scale based on a computer automation of apparatus. *Met. i mashinost.* no. 9:11-18 '88.
- Doroshenko, O. P. - Selection of combined systems of least cost. *Pril. tekhn.* 4 no. 8:128-144 '88.
- Dorov, V. - Most effective way of selecting velocity of communication. *Kommunist* 48 no. 14:11-11 '88.
- Dzhalik, G. K., Kozlov, E. K. - Automating ether firing process and its mathematical simulation. *Trudy Giprotransm.* no. 24:81-86 '88.
- Gabashov, R. - Optimization of a class of dynamic systems. *Dokl. AN BSSR* 12 no. 3:364-366 My '88.
- Gel'man, I. A., Kozlov, I. V. - Discrete analog of integral canonical representation and its use in solving the problem of identification of a pulse system. *Avtom. i vych. tekhn. (Riga.)* no. 1:78-86 Ja-F '88.
- Grigoryev, B. M., and others. - Research on a friable material flowmeter for systems of automatic control and regulation of the technological processes of seed cleaning machines. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Ishkhalov, S. A. - Laws governing the performance of models of a finite automaton. *Avtom. i vych. tekhn. (Riga.)* no. 1:11-15 Ja-F '88.
- Kozlov, K. G. - Stability of an automatic control system with variable structure. *Dif. urav.* 4 no. 11:1265-1290 N '88.
- Kozlov, V. M., and others. - Random change of the transfer function of an inverter type servo drive. *Izv. vyz. ucheb. zav. i mashinost.* no. 9:101-108 '88.
- Leptin, O. P. - Optimum layout of industrial materials with some specified stipulations of the problem. *Report No. 1. Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 8:10-18 '88.
- [Journal of abstracts Cybernetics] *Rak. kibr.* Avtom. i vych. tekhn. no. 18 O '88.
- Kozlov, R. L. - An optimum control problem. *Khod. AN Gruz. SSR* 31 no. 1:18-24 Ji '88.
- Kryukovskiy, O. M., Vrublevskiy, V. I., Antonenko, V. T. - Overall automatization and automation of a capsule. *Lit. proizv.* no. 10:22-28 O '88.

- Kozlovskiy, V. R. - Study of optimizing control systems. *Priboirostroenie* no. 8:11-18 S '88.
- Kozlov, M. M., Onishchenko, K. L. - System of automatic sand preparation on mixers, model 112. *Lit. proizv.* no. 8:18-19 Ag '88.
- Lavrinovich, M. - Reliability of automatic equipment elements. Pt. 4. Evaluation of the stability of element parameters. *Trudy AN L.H. SSSR*, Ser. B no. 8:141-145 '88.
- Lebedev, V. V., Orshchikhin, D. I. - Automatic control and regulation of the heat carrier temperature in the S23-4 grain dryer. *Exp. i organ. prom. stroit.* no. 8:104-107 '86.
- Livartovskiy, I. V. - Theory of persistence and non-persistence of processes in linear discontinuous systems. *Trudy VNIIO* no. 80:263-281 '87.
- Milachin, V. F. - Parameters of the automatic control systems of the outboard protection of sawing shape. *Trudy TSNIMF* no. 54:82-87 '88.
- Momura, A., Arshadskaya, M. - Convergence rate of some iterative functional algorithms of adaptive models. *Trudy AN L.H. SSSR*, Ser. B no. 8:118-124 '88.
- Momura, A., Arshadskaya, M. - Convergence rate increase of some iterative functional algorithms of adaptive models. *Trudy AN L.H. SSSR*, Ser. B no. 8:118-124 '88.
- Momura, A., Borik, K. - Operational stability of an adaptive model. *Trudy AN L.H. SSSR*, Ser. B no. 8:118-124 '88.
- Pechenchenko, V. I., Kostin, G. V. - Regulating the water level in ship steam boilers with natural circulation. *Trudy TSNIMF* no. 54:82-87 '88.
- Pishorskii, G. A., Tonkovich, L. A. - Classification of part-guiding devices on assembly lines. *Izv. vyz. uch. zap. Mord. gos. un.* no. 83:108-110 '87.
- Podharin, G. M. - Automatic optimization of the process of continuous cooking of starch materials. *Trudy VNIIO* no. 80:263-281 '87.
- Popov, O. A. - Making use of the interaction effect between propeller and rudder in a ship steering system. *Trudy TSNIMF* no. 54:82-87 '88.
- Podopov, V. I. - Functional reliability of sets of neural networks. *Avtom. i vych. tekhn. (Riga.)* no. 1:37-43 Ja-F '88.
- Prokopenko, L. L. - Adjusting the automatic control system of bottom material removal by dredger (BARZ). *Trudy LITV* no. 83:38-48 '87.
- Rensko, O. I., and others. - Automating the equipment to determine certain geometric structure characteristics of dispersed materials. *Zav. lab.* 34 no. 8:107-108 '88.
- Shekhtman, L. A. - Experimental solutions of a two-dimensional Poisson level equation using induced current measurement. *Vop. elekt. model. i pod.* no. 2:11-24 '87.
- Shpil'nyi, B. G., and others. - Automatic modeling machine, model 8824. *Lit. proizv.* no. 8:10-18 Ag '88.
- Shilarevich, A. N., Khristov, N. M. - Mean response to a given action by a linear stationary system with possible disturbances. *Avtom. i vych. tekhn. (Riga.)* no. 1:28-30 Ja-F '88.
- Shchegolev, G. M. - Automatic regulation of molding and molding. *Lit. proizv.* no. 8:10-18 Ag '88.
- Shchegolev, L. G., Doroshov, S. O. - Stability of remote control systems with delay. *Trudy TSNIMF* no. 54:82-87 '88.
- Symonovskiy, V. F. - Automatic control of the operational efficiency of marine steam turbine plant performance. *Trudy TSNIMF* no. 54:82-87 '88.
- Ushakov, B. D. - Normalization of nonlinearities in the study of automatic systems. *Priboirostroenie* no. 8:11-18 S '88.
- Vange, K. L. - Derivation of initial data for analyzing a finite automaton. *Avtom. i vych. tekhn. (Riga.)* no. 1:37-43 Ja-F '88.
- Vasilev, S. G., Drobyshev, L. V., Iagudin, M. K. - Automatic regulation of a gas plant for the gasification of residues. *Period. opyt v stroit. i ekspl. shakht* no. 4:170-175 '87.
- Vladimirov, A. I., Iakub, A. M. - Present state and problems of automation and telemechanization of the facilities of the transportation and storage of petroleum and petroleum products. *Transp. i khim. nef. i nefteprod.* no. 8:104-107 '86.
- Volodk, I. I., Lashin, P. M. - Mechanization of calculations relative to prognosis of temperature conditions in deep mines. *Period. opyt v stroit. i ekspl. shakht* no. 4:170-175 '87.
- Volodk, G. A. - Estimating the reliability of a finite automaton making allowance for intermittent failures. *Avtom. i vych. tekhn. (Riga.)* no. 1:44-49 Ja-F '88.
- Kavalova, M. D., Ponomarev, V. A. - Some problems of the reliability of the operator's activity in cases of failures of an automatic control system. *Vop. psikh.* 14 no. 4:143-147 Ji-Ag '85.
- 621.02 Nuclear technology. Nuclear and atomic energy
Akhmedov, O. P., Basyash, A. M., Kuznetsov, D. A. - Aspects of automation of hexavalent and pentavalent molybdenum. *Khim. neorg. khim.* 13 no. 3:358-365 F '88.
- Aleksandrov, A. P. - Modular power and its role in technical progress. *Atom. energ.* 28 no. 4:364-365 N '88.
- Belov, V. M., Kuznetsov, V. A. - Effects of particle scattering inside polarized electron beams in storage devices. *Atom. energ.* 28 no. 3:448-449 Ji '88.
- Chernikov, A. D., Gavrilov, I. E. - Man-machine based linear transfer band-pass filter. *Polupr. skhema. dia. v tekhn. elektr.* no. 4:14-23 '87.
- Chelstova, M. D. - Study of the kinetics of sorption and the stability of bonding solution and streamlines by soil with the aid of radioactive indicators. *Dokl. TSNIA* no. 124:181-186 '87.

621.030 (Continued)

- Chern, A. I., and others. - Combination of powerful atomic power stations with desalination plants. *Atom. energ.* 28 no. 5:394-402 M '88.
- Chern, M. A. - Use of matrix method in calculating the spectral angular characteristics of radiation blade plane barriers. *Atom. energ.* 28 no. 5:438-437 M '88.
- Dolizhina, N. A., Korotkin, I. I. - Some problems concerning the operation of atomic power stations in power systems. *Atom. energ.* 28 no. 5:357-364 M '88.
- Dobrovolskiy, V. B., Mironov, A. P., Pospelov, V. P. - Heatproof concrete for biological protection of atomic electric power plants. *Energ. stroi.* no. 7 5-11 '87.
- Falchberg, B. M. - Atomic power stations. *Atom. energ.* 28 no. 5:353-350 M '88.
- Gerasimov, V. A. - Nanosecond band transistor pulse current amplifiers. *Polupr. skhem. nan. diap. v ied. elek.* no. 11 5-13 '87.
- Gribanova, V. A., Ushkin, G. P. - Nanosecond band amplifier discriminator. *Polupr. skhem. nan. diap. v ied. elek.* no. 11:44-41 '87.
- Karavay, V. B., and others. - Gamma-irradiator based on spiral fuel elements of a water cooled water moderated reactor. *Atom. energ.* 28 no. 5:481-483 M '88.
- Koshchukhin, A. M., Ushkin, V. V. - Calculating the penetration of γ -radiation through an inhomogeneous barrier. *Atom. energ.* 28 no. 5:442-444 M '88.
- Lapovskiy, A. I., and others. - Development of nuclear power engineering with fast reactors in the U.S.S.R. *Atom. energ.* 28 no. 5:389-387 M '88.
- Lapovskiy, A. I., and others. - Atomic power station with reactor BN-600. *Atom. energ.* 28 no. 5:483-408 M '88.
- Londkii, L. A., Churakov, M. V., Lashov, V. I. - Study of the effect of granulation in the process of transfer of labeled water in porous media. *Dokl. TMSIA* no. 124:243-245 '87.
- Mishchenko, B. G., Samarskiy, P. A., Zavorotki, V. E. - Networks for nonlinear summation of nanosecond band pulses. *Polupr. skhem. nan. diap. v ied. elek.* no. 11:55-50 '87.
- Mishchenko, B. G., Zavorotki, V. E. - Networks for linear summation of nanosecond band pulses. *Polupr. skhem. nan. diap. v ied. elek.* no. 11:42-43 '87.
- [Nuclear engineering] *Atom. energ.* 28 no. 5:389-387 M '88.
- [Nuclear reactors] *Rad. zhur. i ied. reak.* no. 10, 13, O-D '88.
- Pavlov, L. V. - Uranium diffusion in titanium-nickel alloys. *Atom. energ.* 28 no. 5:434-435 M '88.
- ... phase electrocatalysis. *Kozna, Vozrozh. Sh.* 48 no. 30:66-68 O '88.
- Rodis, S. S., Lavrenko, A. K. - Method of rapid separation of radioactive isotopes of alkali metals on aluminum molybdate. *Radiofizika* 4 no. 5:233-234 '83.
- Seventh Congress of the World Power Conference. - World power resources and their use for the good of mankind. - Section Atomic power stations. *Atom. energ.* 28 no. 5:355 M '88.
- Shkolnikov, I. U. A., Ashkharov, G. M. - Determining the rate constant of spontaneous fission of ^{238}U by accumulation of xenon isotopes in uranium minerals. *Atom. energ.* 28 no. 5:438-439 M '88.
- Shukrov, P. M., Valdik-Volkovskiy, I. - Use of M^{18} for the study of the influence of applications of straw into the soil on the transformation of nitrogenous fertilizers and their assimilation by plants. *Dokl. TMSIA* no. 124:119-120 '87.
- Shukrov, P. M., Ushkin, G. P., Morozov, A. M. - Use of To^{18} isotope as a source of X-radiation. *Atom. energ.* 28 no. 5:434-435 M '88.
- Shkolnikov, V. V., and others. - Atomic power station with two 440 MW (3 x 440 MW) reactors. *Atom. energ.* 28 no. 5:408-418 M '88.
- Stral'nov, L. V., Zel'venskiy, I. A. D., Zhavoronkov, N. M. - Equation of the nonstationary rectification process with complete reflux and with periodic withdrawal from the reboiler. *Teor. osnovy khim. tekhn.* 3 no. 5:183-188 M-D '88.
- Voinov, A. M., Kireyeva, G. I., Kolomoysov, M. A. - Theoretical and experimental studies of natural gas convection in a closed circuit. *Atom. energ.* 28 no. 5:434 M '88.

621.030(433)—Federal Republic of Germany

- Rashov, M. V. - Atomic programs of the Federal Republic of Germany. *Ush. zap. Kaf. khim. tekhn. nauk vuz. g. Leningrad. Poln. slov.* no. 5:57-55 '88.

621.1 Steam power. Engines. Boilers

- Aleksandrov, G. I., Zedekovich, I. V., Vasilchenko, G. V. - Loss of calcium compounds with a supercritical pressurized steam. *Energomashinostroyeniye* 14 no. 7:43-44 JI '88.
- Ardakov, L. V., and others. - Prospects of improving the binary T-K-T-L-D gas steam unit. *Energomashinostroyeniye* 14 no. 7:35-41 JI '88.
- Ardakov, L. V., and others. - Heat transfer possibilities of layer-type and gas fuel stokers in low and medium-capacity boiler units. *Energomashinostroyeniye* 14 no. 5:4-7 '88.
- Baeva, E. G., and others. - Removal of the oxide of iron in filters with mixed action. *Toploenergetika* 13 no. 9:11-18 '83.
- [Boiler construction] *Rad. zhur. i ied. reak.* no. 10 O '88.
- Bergvits, R. A., and others. - Operation and test results of a high-pressure gas oil with a pressurized QM-76 boiler. *Energomashinostroyeniye* 14 no. 7:32-33 JI '88.

- Chikhladze, M. M., Nevskaya, E. I. - Laws governing the deposition of calcium sulfate on heating surfaces at low temperatures. *Toploenergetika* 13 no. 9:73-76 '83.
- Diatlov, M. M., and others. - Use of oxophanes for the sediments in heat and power installations. *Trudy IREA* no. 25:323-347 '88.
- Ermolov, I. M., and others. - Ultrasound control of butt weld joints of boiler pipes. *Str. protiv.* no. 11:31-33 M '88.
- Gogolev, I. O., and others. - Results of testing models of an axial-flow turbine stage with radial offset of guide blades. *Energomashinostroyeniye* 14 no. 9:18-21 '88.
- Gorbatenko, A. D., and others. - Distribution of combustion products in the burning of mass with small excess of air. *Toploenergetika* 13 no. 9:33-34 '83.
- Gorashin, A. D., Fedotkin, I. A. P. - Experience in the design of high-pressure steam pipes using an electronic computer. *Toploenergetika* 13 no. 9:47-51 '83.
- Ivovskiy, I. A., and others. - Effect of petrographic composition of coals on the operational efficiency of the furnace of a pulverized coal fired boiler. *Toploenergetika* 13 no. 9:59-73 '83.
- Karavay, A. A., Korotkin, I. I., Oshchepkin, A. D. - Superheated steam generators for high-capacity steam turbines. *Energomashinostroyeniye* 14 no. 7:34-37 JI '88.
- Kharin, G. F. - Recirculation of steam turbine pipes. *Energomashinostroyeniye* 14 no. 9:33-35 '88.
- Khokhlov, A. S. - Installation of PTVM-100 and PTVM-50 boilers for water heating. *Energ. stroi.* no. 7:11-13 '87.
- Kivshin, L. M. - Stability of flow motion in vertical pipe sections. *Energomashinostroyeniye* 14 no. 9:17-19 '88.
- Kozlovskiy, K. I. - Thermodynamic probability of the run of reactions with presence of hydrates. *Toploenergetika* 13 no. 9:75-76 '83.
- Kondratyev, L. A., Kiselev, L. V., Donskoy, G. P. - Study of the nonstationary temperature field of a cooled gas turbine blade using a combined electrical model. *Toploenergetika* 13 no. 9:83-82 '83.
- Krasovskiy, M. I., Talov, T. M. - Properties of the metal of steam pipes from 12 MPa and 16 MPa steel after 100,000 hours of operation. *Energ. stroi.* no. 11:9-11 M '88.
- Levin, E. M. - Starting-up and adjusting operations on the TP-100 boiler unit with a 300 MW capacity block at the Burgas State Regional Electric Power Plant. *Energ. stroi.* no. 7:20-22 '87.
- Lokshin, V. A., Samoylov, I. E., Vukobratov, I. V. - Calculation of temperature conditions of radiational heating surfaces of boilers with supercritical pressures. *Toploenergetika* 13 no. 9:31-34 '83.
- Mamet, A. P., Alekseyev, G. I. - Some problems of the establishment of water conditions in blocks with supercritical pressures. *Toploenergetika* 13 no. 8:5-8 '83.
- Mironov, E. G., Dudovskiy, D. B. - Structural features and assembly of a small-scale TPP-88 boiler at the Leningrad State Regional Electric Power Plant. *Energ. stroi.* no. 3:15-20 '87.
- Markov, N. M., and others. - Study of gas dynamics of high-capacity steam turbines. *Energomashinostroyeniye* 14 no. 7:18-20 JI '88.
- Maslov, V. E., and others. - Operation of a boiler with pulverized coal concentrators. *Energ. stroi.* no. 11:9-11 M '88.
- Mikhaylov, M. K. - Experimental study of losses in turbine blades at low Reynolds numbers. *Toploenergetika* 13 no. 9:58-59 '83.
- Mikhaylov, A. M., Zakharov, A. I., Birman, B. L. - Use of argon as working fluid in the reconstruction of a convective steam superheater of a TGM-34 boiler. *Energ. stroi.* no. 3:18-22 '87.
- Polubnyak, V. S., and others. - Developing a boiler for a 1,240 MW unit. *Energomashinostroyeniye* 14 no. 7:2-3 JI '88.
- Pechenko, V. I., Koshchukhin, G. V. - Regulating the water level in ship steam boilers with natural circulation. *Trudy TSNIMF* 14 no. 84:124-124 '88.
- Prokhorov, V. G. - Cleaning of turbine condensers in electric power plants with 300 MW blocks. *Toploenergetika* 13 no. 9:3-8 '83.
- Prokhorov, S. A., Kuznetsov, V. V. - Heating of steam turbine fuel phase. *Toploenergetika* 13 no. 9:14-14 '83.
- Prokhorov, A. M. - Decreasing the expenditure of fuel in the desalting of water in stepped countercurrent anion exchange. *Toploenergetika* 13 no. 9:8-11 '83.
- Rasov, B. T., Dost, E. A., Karavay, V. I. - Thermal misalignment of K-200-130 - TGV-380 turbine-generator unit. *Energomashinostroyeniye* 14 no. 9:14-17 '88.
- Rashchukov, V. M., and others. - Measurement of the thermal load of a once-through type boiler unit. *Toploenergetika* 13 no. 9:43-47 '83.
- Saltanova, G. A., Ushkin, G. M. - Determination of sodium in the waters of thermal electric power plants using hydrogen from the electrolyzer systems. *Toploenergetika* 13 no. 9:19-21 '83.
- Svetlov, V. P., Tishchenko, M. D., Belosereva, V. V. - Use of sulfonated coal filters for the removal of iron from the condensate of 300 MW blocks. *Toploenergetika* 13 no. 9:17-19 '83.
- Smol'nik, A. I. U. - Deriving equations of the disturbed state of a waste heat regenerator with forced circulation. *Trudy TSNIMF* 14 no. 84:107-108 '88.
- Sokolov, E. I. A., Vashchuk, V. P. - Methodology for calculating the control regulation of closed-loop autonomous heat supply systems. *Toploenergetika* 13 no. 9:13-15 '83.

- Strokovyov, V. I., and others. - Controlling the quality of the metal of heating surfaces and pipelines of the 300 MW heatwork block of the "Troitskaya" State Regional Electric Power Plant during the assembly period. *Energ. stroi.* no. 7:15-20 '87.
- Stolov, G. P., Shchelokov, I. A. M. - Breakdown of lacustrations in an operating boiler. *Energ. stroi.* no. 11:15-18 M '88.
- Syrovatkin, V. V. - Automatic control of the operational efficiency of marine steam turbine plant performance. *Trudy TSNIMF* 14 no. 84:23-23 '88.
- Syrovatkin, V. V., Ljabinets, I. M. - Method of controlling the efficient performance of a ship steam turbine in operation with the use of computer devices. *Trudy TSNIMF* 14 no. 84:54-54 '88.
- Tikhonov, V. A., Shchukina, M. M. - Mechanized gas intake device with automatic control for the study of combustion processes. *Toploenergetika* 13 no. 9:78-83 '83.
- Valner, M. G., Iakimets, K. M. - Determination of the general content of silicic acid in waters of thermal electric power plants. *Toploenergetika* 13 no. 9:93-93 '83.
- Vashchenko, K. I., and others. - Cast iron for casting alkali-resistant boilers. *Lit. protiv.* no. 11:7-10 JI '88.
- Zamiatkii, A. M. - Automatic control scheme with some synchronous final control elements. *Energomashinostroyeniye* 14 no. 7:44-44 JI '88.
- Zhelezovskiy, A. M., Pechnikov, S. I. - Method for determining the saving of fuel by using a thermal electric power plant in a developing power system. *Izv. vuz. soob. na. energ.* 11 no. 10:118-128 O '88.
- Zlotnik, G. L. - Unit for signalling the stoppage of a turbine rotor. *Energ. stroi.* no. 11:13-13 M '88.
- Zlotnikina, M. D. - Determination of percentage content of oxides and anions in a mixture. *Energ. stroi.* no. 11:19 M '88.

621.1(471.233)—Leningrad City

- Arkhypov, V. - Young people's motto is to study and to create. *Kommunist* 48 no. 12:88-87 '88.
- Chernykhov, P. S. - High-capacity steam turbines of the Leningrad Metal Plant named after the 23d Congress of the Communist Party of the Soviet Union. *Energomashinostroyeniye* 14 no. 7:16-17 JI '88.

621.1(471.248)—Kaluga Province

- Akmet'ev, S. B., Trubel', V. K. - Selecting the parameters of an automatic control system for auxiliary turbo-generators of the Kaluga Turbine Plant. *Trudy TSNIMF* 14 no. 84:88-87 '88.

621.1(73)—United States of America

- Susceptibility to damage of individual elements of power generating equipment in the U.S.A. *Toploenergetika* 13 no. 9:81 '83.

621.23 Water power. Utilization of hydraulic energy

- Orlov, V. I. - Determining pressure pulsation in exhaust pipe under vortex effect behind a hydraulic turbine runner. *Energomashinostroyeniye* 14 no. 9:42-44 '88.
- Reber, A. P. - Small-scale blade-type pumps as a corollary of the general theory of similarity of hydro-mechanical processes. *Izv. vuz. soob. na. energ.* 11 no. 10:110-116 O '88.
- Kozlov, I. U. - Water instead of oil. *NTO* 10 no. 11:22-23 M '88.
- Kovalev, M. M., Bronskiy, L. I. A. - Designing problems of diagonal flow hydro-turbines. *Energomashinostroyeniye* 14 no. 7:10-24 JI '88.
- Legovskiy, M. V. - Electro-nechanism of water supply in agriculture. *Mosk. trud. VSESSE* 90:118-234 '87.
- Makarov, I. U. G., Chirpov, I. M. - Efficiency of a propeller and gas-water jet systems. *Otdrobn. kol. skor.* no. 4:137-134 '81.
- Mikhaylov, A. V., Chernykhov, V. A. - About the works of the section "Hydroelectric power stations" at the 7th World Power Conference. *Chkr. stroi.* 29 no. 11:60 M '88.
- Pelud', K. S. - Shchukina (Chernogorsk) Hydroelectric Power Plant with horizontal bulb-type power units. *Trudy Leningradskoye* no. 8:77-82 '87.
- Steb, V. V. - Qualitative investigation of the dynamics of a hydraulic drive in a conveyor with a chain traction unit. *Izv. vuz. soob. na. energ.* no. 8:133-135 '83.
- Seris, P. L. - Calculating hydraulic characteristics of IIA and rotary valves. *Energomashinostroyeniye* 14 no. 9:34-48 '88.
- Zaitsev, G. E., Kozlovskiy, P. I., Parandov, P. M. - Friction resistance of steels and welded joints used in hydraulic turbine construction under asymmetric loads. *Energomashinostroyeniye* 14 no. 9:30-31 '88.

621.3 Electrical engineering

- Akhmedov, O. S., and others. - Device for automatic processing of electrograms. *Priborostroyeniye* no. 4: 22-23 Ap '88.
- Anashkin, V. F., Shchukina, A. M. - Impulse amplifier for a magnetizing system. *Priborostroyeniye* no. 4: 25 Ap '88.
- Akhmedov, D. S. - Optimum electric and electromagnetic loads of toroidal electromagnetic elements. *EA (zh. prog.)* no. 10:4-7 O '88.
- Assembly without soldering. *Avtom. i telemekh. sist.* 13 no. 11:38-39 M '88.

62.3 (Continued)

- Bogdanov, K.S. - Voltage stabilizers using switching diodes. *Izv. vuz. radiofiz.* no. 10:1041-1043 O '68.
- Borshch, A.S. - Approximation method for calculating electrical networks with resistors. *Izv. vuz. radiofiz.* no. 10:1044-1046 O '68.
- Dobrotov, M.M., Kotelnikov, O.G., Pokh, I.F. - Electrical equipment of navigational structures. *Trudy Leningradskogo gos. univ.* no. 17:8-10 '67.
- Driaklov, A.L., Radzinskiy, M.K. - Effect of oxidation processes on electrodes from aluminum-zinc alloys on the intensity of spectral lines. *Trudy po khim. i fiz. khim. no. 3:171-174 '65.*
- [Electrical engineering and electric power] *Rad. elektr. i elektromekh.* no. 11 N '68.
- Gaiduk, A.R. - Determination of the spectral density of the reaction of a linear discrete filter with multiple input and output periods to a random signal. *Izv. vuz. radiofiz.* no. 10:1047-1049 O '68.
- Gerasimov, A.A., Gerasimov, V.M. - Study of overvoltages in 500 kv. electric power transmission lines with automatic reclosing of open lines and with transverse compensation reactances. *Izv. vuz. radiofiz.* no. 11:11-14 O '68.
- Ivanov, N.P., Ostapchuk, M.M. - Atomic-adsorption spectrophotometry with use of a discharge tube with a tubular cathode as a source. *Trudy IREKA no. 38:348-349 '68.*
- Ivanov, M.P., Kostyura, M.A. - Use of the source of continuous radiation in atomic-adsorption analysis. *Trudy IREKA no. 38:350-351 '68.*
- Ishchenko, V.M., Pashchenko, T.A. - Lighting of combustible mixtures by filaments of low-power lamps. *Vysv. elektr. no. 5:127-131 '67.*
- Kashelev, I.I., Krasovskiy, A.D. - Mechanism for overlapping the beginning of circular scans. *Svar. prot. no. 5:41-43 '68.*
- Kolobov, A.G., Ushakovskiy, V.F. - Electrode properties of sodium-bromide bromide. *Uch. zap. Perm. gos. univ.* no. 11:63-65 '64.
- Lopatin, O.W., Sokolov, V.B. - Selection of optimal start-up regulating apparatus taking into account the efficiency of the lighting system. *Svetotekhnika 14 no. 11:15-18 '68.*
- Malyukov, V.V., Dmitriyev, M.M. - Radiation of beryllium on a dropping mercury electrode. *Trudy IREKA no. 38:352-353 '68.*
- Ogdenchikov, G.G. - Calculation of electrodynamic effects between single-wire lines with shielded approach. *Elektrosvyaz' 32 no. 10:11-12 O '68.*
- Pashchenko, T.A. - Tracking along welded joints according to the program of recorded deflections. *Svar. prot. no. 11:23-25 '68.*
- Petrovichuk, V.F. - Determination of the length limit of a mine cable line taking into account start conditions of a large electric motor. *Vysv. elektr. no. 5:134-136 '67.*
- Pogorelits, A.F. - Calculation of minimal energy of ignition and its dependence on the content of combustible mixtures. *Vysv. elektr. no. 5:14-15 '67.*
- Rakobov, M.A., Rakobov, O.B., Rakobov, V.B. - System regulating the performance of asynchronous short-circuited electric traction motors. *Trudy MFT no. 378:71-75 '68.*
- Rybakov, A.R. - Simple method for evaluating the thickness of lines during the application of numbers on instrument scales. *Priborostroyeniye no. 4:127 '68.*
- Shcherba, A.M., Shcherba, M.A. - Experimental study of the nature of the effect of composition of silicate mixtures on relative intensity of cathode and anode lines in activated arc of alternating current. *Uch. zap. Perm. gos. univ.* no. 12:51-53 '64.
- Shcherba, M.A. - Acting methods of the electrodes of a lead storage battery. *Zhur. prikl. khim. 36 no. 5:1413-1414 '63.*
- Shcherba, V.G. - Effect of the emergency reserve on the reliability of auxiliary machines of a.c. electric locomotives. *Trudy MFT no. 374:22-23 '68.*
- Shcherba, V.G. - Engineering maintenance of auxiliary machines and its effect on their reliability. *Trudy MFT no. 378:32-33 '68.*
- Shcherba, M.V. - Differential method of determining the areas of efficient use of equipment. *Stand. i tekhn. 32 no. 10:33 O '68.*
- Shcherba, V. - International forum of power engineers. *NTO 18 no. 11:13-15 '68.*
- Tosol, O.V., Shcherba, M.M. - Calculation of the field of currents in the earth and network of underground plants. *Izv. vuz. radiofiz.* no. 10:1050-1051 O '68.
- Trakhtov, R.P. - Effect of spark quenching systems on the action of resistance of contacts. *Vest. vuz. 35 no. 5:28-30 '67.*
- Tsitsik, S.K. - Equivalents representation of an asynchronous lead. *Izv. vuz. radiofiz.* no. 10:1052-1053 O '68.
- Vlasov, M. - Electrification of the whole country. *Kommunist 60 no. 13:40-51 '68.*
- Zakharov, A.M. - Automatic control scheme with some synchronized final control elements. *Elektromekh. i elektromekh. 14 no. 7:44 '68.*
- Zolotarev, M.A. - Study of the processes on electrode and mutual effects of elements during quantitative spectral analysis. *Uch. zap. Perm. gos. univ.* no. 11:12-20 '64.

62.3 (473.35)—Armenian S.S.R.

- Beghazian, G. - Creators of electric machinery. *Prost. Arm. 10 no. 30:1-30 '68.*

62.31 Power supply, distribution and control

- Borodinskiy, V.I. - Independent supply units for the electrification of field cropping work. *Mash. stroit. VESTNIK 30:314-325 '67.*
- Kris, L.K., and others. - Reliability of electrical supply for agricultural users and the quality of electric energy. *Mash. stroit. VESTNIK 30:326-333 '67.*
- Klimov, A.A. - Optimality problem in electrified agricultural production and ways and means to solve it. *Mash. stroit. VESTNIK 30:334-343 '67.*
- Kalashnikov, A.S., Popov, I.A., Khoroshechkin, M.V. - Origination of an arc-type short circuit during the ignition of a combustible mixture in electrical equipment. *Vysv. elektr. no. 5:11-14 '67.*
- Lobachev, S.P. - Electrical transmission with independent supply sources of electrical energy in mobile agricultural machinery. *Mash. stroit. VESTNIK 30:344-355 '67.*
- Raportnikov, A.V. - Standard for the electric strength of insulation in high-voltage electric equipment. *Stand. i tekhn. 32 no. 10:31 O '68.*
- Tsitsik, M.I. - Conditions of using a centralized electric supply system for lumbering establishments. *Trudy SNTLP no. 3:137-140 '68.*

621.31(473.35)—Azerbaijan S.S.R.

- Guseinov, O.B. - Studying and analyzing the performance of high-pressure pumps in the electric power systems of the Azerbaijan S.S.R. (*Azərbaycan*). *Za tekhn. prog. 8 no. 11:11-13 O '68.*
- Ragimov, A.P. - Effect of climatic factors on the reliability of electric power supply in the subtropical zone of the Azerbaijan S.S.R. *Za tekhn. prog. 8 no. 11:13-17 O '68.*

621.311 Power generation, supply. Power stations

- Akhmedov, A.P. - Nuclear power and its role in technical progress. *Atom. energ. 33 no. 3:354-363 '68.*
- Batavia, I.U.G. - Power systems construction personnel should receive our attention and concern. *Elektrosvyaz' 32 no. 11:33-35 '68.*
- Bekas, G.L. - Stavropol State Regional Electric Power Plant "Yefrekh" Anniversary of Soviet Power. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- Dolizhskiy, M.A., Korotkiy, I.U.I. - Some problems concerning the operation of atomic power stations in power systems. *Atom. energ. 33 no. 3:367-369 '68.*
- Dobrovodskiy, V.B., Mironov, A.Y., Pospelov, V.P. - Researches on the concrete for biological protection of atomic electric power plants. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- Demidov, A.L. - Two ways of lowering costs of units of industrial water supply to thermal electric power plants. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- Fayzov, V.M. - Problems of electrical safety in using 110 kv potential in coal mines. *Vysv. elektr. no. 5:153-154 '67.*
- Kirshberg, S.M. - Atomic power stations. *Atom. energ. 33 no. 3:363-369 '68.*
- Fifty-first anniversary of the Great October Revolution. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- Vakharov, I.U.M. - Unforgettable days. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- From the editor's mail. *Elektrosvyaz' 32 no. 11:37 '68.*
- In the propagation laboratory. *NTO 18 no. 11:16-17 '68.*

621.311.1 Installation of PTVM-100 and PTVM-50

- Khmel'nik, A.S. - Installation of PTVM-100 and PTVM-50 meters for water heating. *Elektrosvyaz' 32 no. 11:11-13 '67.*
- Klyukin, I.I., Ivanov, V.A., Katschuk, V.A. - Control of steam turbine units in high-capacity systems. *Elektromekh. i elektromekh. 14 no. 7:47-51 '68.*

621.311.2 Units in Leningrad

- Klyukin, I.I. - Units in Leningrad. *Elektrosvyaz' 32 no. 11:3-5 '68.*
- Korotkiy, M.A., Krasovskiy, M.P. - VU-12, 5/5 rectifying unit. *Armen. i tekhn. prog. 8 no. 10:11-13 O '68.*

621.311.3 Construction of coal feeders for large thermal electric power plants

- Kats, I.D. - Construction of coal feeders for large thermal electric power plants. *Elektrosvyaz' 32 no. 11:11-13 '67.*
- Krasovskiy, K.I., Talova, T.M. - Properties of the metal of steam pipes from 12 MPa and 220 MPa steel after 100,000 hours of operation. *Elektrosvyaz' 32 no. 11:11-13 '68.*

621.311.4 Plans for completing the construction of the hydroelectric power plants

- Krasovskiy, A.I., and others. - Atomic power station with reactor RM-600. *Atom. energ. 33 no. 3:403-408 '68.*
- Petrov, I. - New developments at an old power plant. *NTO 18 no. 11:14 '68.*

Plans of the Electric Power Construction Division of the Scientific Technological Society of the Power Industry

- Elektrosvyaz' 32 no. 11:75-77 '67.
- Platonov, A.I., Sergeev, Z.P. - Mine traction substation with regulated rectifiers and its protection from short-circuit currents. *Vysv. elektr. no. 5:177-184 '67.*
- ... phase electrification. *Komm. Yozovsk. 51 no. 1:44-45 O '68.*
- Barro, I.I. - Complete substation units of the 150-160 kv. series. *Elektrosvyaz' 32 no. 11:30-31 '68.*

621.311.5 Ways of improving the construction of hydroelectric power structures built from large precast reinforced-concrete elements

- Barro, V.M. - Ways of improving the construction of hydroelectric power structures built from large precast reinforced-concrete elements. *Elektrosvyaz' 32 no. 11:77-80 '68.*

621.311.6 Optimum capacity of jointly operating atomic power plants and pumped storage hydroelectric power plants

- Barro, A.A. - Raise the quality of design of heat and electric power plants. *Elektrosvyaz' 32 no. 11:30-34 O '67.*

621.311.7 Usage of wind and its role in the energy system of agriculture

- Shcherba, I.A. - Usage of wind and its role in the energy system of agriculture. *Mash. stroit. VESTNIK 30:334-335 '67.*

621.311.8 Standby protection systems with automatic feed

- Shcherba, I.A. - Standby protection systems with automatic feed. *Elektrosvyaz' 32 no. 11:31 '68.*

621.311.9 Electronic model of static characteristics of power generating units

- Shcherba, A.A. - Electronic model of static characteristics of power generating units. *Teplotekhnika 15 no. 9:77-78 '68.*

621.311.10 Calculation of normal and self-oscillations of generating plants using the graph theory method

- Shcherba, V.V., and others. - Atomic power station with two 440 MW (3 x 440 MW) reactors. *Atom. energ. 33 no. 3:409-410 '68.*

Through the pages of technical magazines

- Elektrosvyaz' 32 no. 11:36 '68.

621.311(473.35)—Vologda Province

- Petrov, K.S. - Shcherba (Cherepovets) Hydroelectric Power Plant with horizontal bulb-type power units. *Trudy Leningradskogo gos. univ.* no. 17:8-10 '67.

621.311(473.35)—Latvia S.S.R.

- Korov, A.V., Dzel, V.A. - Mechanical equipment of the Pivkova Hydroelectric Power Plant named for V.I. Lenin. *Elektrosvyaz' 32 no. 11:44-50 '67.*

621.311(473.35)—Donetsk Basin

- Mina, K.G., Dedovskiy, D.D. - Structural features and assembly of a small-scale TPP-44 boiler at the Lugansk State Regional Electric Power Plant. *Elektrosvyaz' 32 no. 11:3-5 '67.*

621.311(473.35)—Western Ukraine

- Lavin, E.M. - Starting-up and adjusting operations on the TP-100 boiler unit with a 300 Mw capacity block at the Berezhna State Regional Electric Power Plant. *Elektrosvyaz' 32 no. 11:3-5 '67.*

621.311(473.35)—Armenian S.S.R.

- Borachian, G., Tsovin, R. - Proceedings and opportunities of constructing pumped storage hydroelectric plants in Armenia. *Prost. Arm. 10 no. 10:15-17 '68.*

621.311(473.35)—Voronezh is a powerful river

- Ovchinnikov, M. - Voronezh is a powerful river. *Prost. Arm. 10 no. 10:15-17 '68.*

621.311(473.35)—Tyumen' Province

- Klyukin, E.M., Klyukin, S.M., Movshina, A.I. - Possible effect of the proposed hydroelectric power station in the lower Ob' Valley upon the fisheries. *Prost. Sov. no. 11:47-48 '67.*

621.311(473.35)—Some problems relating to the development of electric power production in the northern regions of Tyumen' Province

- Ovchinnikov, M. - Some problems relating to the development of electric power production in the northern regions of Tyumen' Province. *Prost. Sov. no. 11:47-48 '67.*

621.311(473.35)—Krasnoyarsk Territory

- Krasnoyarsk Hydroelectric Power Plant has been put into operation. *Elektrosvyaz' 32 no. 11:3-5 '68.*

621.311(473.35)—Sakhalin Province

- Krasovskiy, A.M. - Construction of a marine water intake at the South-Sakhalin State Regional Electric Power Plant. *Elektrosvyaz' 32 no. 11:3-5 '67.*

621.311(73)—United States of America

- Zil'berstein, A.L. - Broader production basis of turbine construction companies in the U.S.A. *Elektromekh. i elektromekh. 14 no. 7:47 '68.*

621.313 Electric machines, generators, motors

- Akhmedov, A.P., Krasovskiy, I.U. - Using frequency speed control in rotation of electric motors. *Prost. Arm. 10 no. 3:48-57 '68.*

621.313.1 Controlling the condition of insulation of motors at submersible electric pumps

- Akhmedov, A.P., Krasovskiy, I.U. - A method for controlling the condition of insulation of motors at submersible electric pumps. *Za tekhn. prog. 8 no. 10:11-13 O '68.*

621.313.2 Testing of the bearing assemblies of explosionproof electrical motors for mechanical wear

- Akhmedov, A.P., Krasovskiy, I.U. - Testing of the bearing assemblies of explosionproof electrical motors for mechanical wear. *Vysv. elektr. no. 5:170-171 '67.*

621.313.3 The DRV-8.1 electric motor in a magnetic tape recorder

- Akhmedov, A.P. - Determining heat parameters of electrically driven machines. *Prost. Arm. 10 no. 10:15-17 '68.*

621.313.4 Study of the thermal resistance of an air gap between the stator plates and the hull of an enclosed induction motor

- Barbovskiy, A.M., Kovalev, K.B. - Study of the thermal resistance of an air gap between the stator plates and the hull of an enclosed induction motor. *Vysv. elektr. no. 5:143-144 '67.*

621.313.5 Economic and mathematical model of the specialization of the manufacture of explosionproof electrical motors

- Chernik, V.I. - Economic and mathematical model of the specialization of the manufacture of explosionproof electrical motors. *Vysv. elektr. no. 5:143-144 '67.*

621.313.6 Cleaning of gas cooler pipes of KGV-type synchronous compensators

- Dagil, G.B. - Cleaning of gas cooler pipes of KGV-type synchronous compensators. *Elektrosvyaz' 32 no. 11:3-5 '68.*

621.313.7 Random change of the transfer function of an electric type servodrive

- Lavrovskiy, V.M., and others. - Random change of the transfer function of an electric type servodrive. *Izv. vuz. radiofiz.* no. 10:1052-1053 O '68.

621.313 (Continued)

- Ignatov, L. V., Shilova, Zh. A. - Use of correlation methods in the calculation of the demand for explosion-proof electrical motors. *Vysv. elektr.* no. 5:22-23 '87.
- Kapinadze, S. K. - Distortions of telemetric signals in measuring the parameters of vibration in electric drilling. *Za tekh. prog.* 8 no. 10:1-3 O '83.
- Karamov, M. IA. - Conversion of electric motors to operation on reduced speed. *Energ. strol.* no. 11:28-31 M '83.
- Korobov, V. K., Boroko, P. A., Blodov, M. G. - Dependence of the heat time constant of electrical machines on their load. *Vysv. elektr.* no. 5:84-85 '87.
- Kozlov, P. Kh. - Effective armature current diagram of a motor for an intense short-term rotation mode. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1134-1137 O '83.
- Kulade, K. N., Tshurman, N. A. - Calculating the capacity of an electric motor for driving a centrifugal pump. *Trudy Ikh. naft. i nefteprod.* no. 9:25-30 '83.
- Lashkova, O. G., Chervakov, A. S. - Results of comparative tests of GMA-4 generators under normal and intensified operating conditions. *Stand. i tech.* 22 no. 13:24-26 D '83.
- Losovoi, V. M., Nedosekov, S. S., Riman, IA. S. - New heat protection equipment for electric motors in mines. *Vysv. elektr.* no. 5:228-242 '87.
- Martina, Z. V., Tshurman, N. A. - Testing of chemically stable A02-series electric motors for operation in chemically aggressive media. *Vysv. elektr.* no. 5:81-86 '87.
- Martini, A. K. - Prospects for using miniature drives in mine hoisting machines. *Vysv. elektr.* no. 5:249-252 '87.
- Petrov, B. I. - Threshold amplitude of oscillations of the output shaft of a servo drive. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1118-1121 O '83.
- Pitshchik, B. M., Ralchik, D. I. - Study of the dependence of the optimal voltage magnitude of the power supply of a single-phase capacitor motor on the load. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:18-23 O '86.
- Povolotskiy, M. E. - Study of the size of explosion-protection type of the bearing assemblies of VAD motors. *Vysv. elektr.* no. 5:81-81 '87.
- Rodionov, I. R., Sarapulov, F. N., Sidorov, M. S. - Determination of longitudinal and transverse reactance values of a saturated salient-pole synchronous machine. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1073-1078 O '83.
- Selodovnikov, P. N. - Determining the duration of starting an electric drive with an asynchronous motor. *Trudy MINKHIGP* no. 47:98-101 '84.
- Sidorov, V. A. - Features of the calculation of series and mixed excitation circuits for brushless synchronous motors. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1078-1083 O '83.
- Stravinskaya, M. L., Chortok, B. M. - Calculation of additional losses and stray torques in three-phase asynchronous motors with squirrel cage rotors. *Vysv. elektr.* no. 5:48-54 '87.
- Valiev, I. N., and others. - Testing the strength of external flow fans of explosion-proof electrical motors. *Vysv. elektr.* no. 5:108-108 '87.
- Vokodav, V. I. - Graphical method for calculating the start resistance of an electrical drive with an induction motor. *Vysv. elektr.* no. 5:273-282 '87.

621.313(471.2)—Northwestern R. S. F. S. R.
Balashkita, A., Mikhov, F., Likhin, A. - Industrial conditions under the new conditions of management. *Plan. khoz.* 45 no. 12:40-47 D '83.

621.313(471.20)—Moscow City
Preparation plan for the celebration of V. I. Lenin's birth by the personnel of the Moscow Elektromekhanicheskii Plant named after Vladimir Il'ich and awarded with the Order of Lenin and the Red Banner of Labor. *Part. zhizn'* no. 31:27-33 M '83.

621.313(477)—Ukraine S. S. R.
Mikhlin, I. A. - A social development plan of personnel in action. *Part. zhizn'* no. 31:63-68 M '83.

621.314 Transformers. Transformers, etc.

- Asarian, P., Oganesian, IU. - New design of layer insulation. *Procn. Arm.* 10 no. 5:31-34 '83.
- Borishin, A. S. - Approximation method for calculating electrical networks with rectifiers. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1088-1094 O '83.
- Borishin, K. - Characterization of the reliability of the semiconductor rectifiers. *Trudy MFT* no. 276:23-31 '83.
- Dalakovskiy, L. Kh., and others. - Static frequency converters for the drives of underground hoisting equipment. *Vysv. elektr.* no. 5:244-244 '87.
- Dvorzhikov, A. V. - Economic considerations of qualitative changes in the establishment of prices of power transformers. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:136 O '86.
- Golin, M. M., Morozov, V. E. - Effect of the active resistance of anchor on the commutation of a thyristor motor. *Vest. TSHM MPA* 37 no. 5:4-8 '83.
- Ishchinskii, V. IA. - Limiting characteristics of an inverter. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1099-1099 O '83.
- Installation of a capacitor in the power supply network of a 75 cycle frequency converter. *Avtom. i telex. i svyaz'* 12 no. 11:22 M '83.
- Prasol, G. V., Buranov, A. A. - Engineering design of a single-phase inverter operating with an active inductive load. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1100-1107 O '83.
- Mikhlin, M. P., Stal'makh, E. V., Mikhlin, A. G. - Study of the heating of TKSbV quartz-filled transformers. *Vysv. elektr.* no. 5:232-238 '87.

- Murikhan, A. G., Kuznetsov, I. K. - Stable operation of a rectifier commutator with split phase. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1113-1117 O '83.
- Novikov, V. M. - Selecting the firing angle for thyristors of a thyristor motor rectifier. *Vest. TSHM MPA* 37 no. 3:23-27 '83.
- Solov, V. V. - Calculation of losses of aluminum heat conducting plates of quartz-filled transformers. *Vysv. elektr.* no. 5:113-113 '87.
- Shilov, V. V. - Three-phase transformers with T-type winding connections. *Vysv. elektr.* no. 5:104-115 '87.
- Sokolov, B. L. - Heating of large transformers during installation from units with silicon rectifiers. *Energ. strol.* no. 7:62-63 '87.
- TGS transformers. *Avtom. i telex. i svyaz'* 12 no. 10:43 O '83.
- Kakharas, V. - Preparation of the accelerated reliability testing method for power transformers. *Procn. Arm.* 10 no. 10:28-33 '83.
- Zhadanov, IU. S., Filippova, A. M. - Selection of an a. c. rectification network for the power supply of electro-magnetic mechanisms. *Vysv. elektr.* no. 5:166-171 '87.

621.315 Transmission Lines. Cables. Wiring, etc.

- Arutunian, G. - VL-35-10 kv intermediate reinforced concrete supports with light-weight fillers. *Procn. Arm.* 10 no. 8:23-24 '83.
- Bilias, V. D., Ogurovskiy, G. F. - Effect of hydrogen-air and acetylene-air mixtures on the surface breakdown voltage and leakage currents of some insulating materials. *Vysv. elektr.* no. 5:163-163 '87.
- Dobovols, M. F. - Cable pressure decrease signaling systems should be used on a wide scale. *Avtom. i telex. i svyaz'* 12 no. 10:28 O '83.
- Klanichan, G. M. - Use of reinforced concrete and metal supports for 35 kilovolt electric power transmission lines. *Energ. strol.* no. 3:49-57 '87.
- Melidze, V. V., Balashkova, M. A., Kudacheva, M. I. - Adsorption of anions on germanium and silicon. *Elektrokhimiya* 4 no. 11:1244-1256 M '83.
- Ovchinnikov, V. V., Sumin, A. R. - Grounding of the sheathing of a long-distance communication cable. *Avtom. i telex. i svyaz'* 12 no. 10:4-10 O '83.
- Oshchinskaya, M. B., Baeva, X. P. - Effect of additions to aluminum on the specific electric resistance and strength of wire. *Tsvet. met.* 41 no. 11:76-79 M '83.
- Oshchinskaya, V. M. - Experience in the installation of conductors and cables. *Mont. i spets. rab. v strol.* 30 no. 11:22-24 M '83.
- Orlovskiy, A. A., Shalashin, V. N. - Study of overvoltages in 600 kv. electric power transmission lines with automatic reclosing of open lines and with transverse compensation reactors. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:18-24 O '86.
- Nasikhin, A. G., Kuznetsov, I. K. - Stable operation of a rectifier commutator with split phase. *Izv. vyz. ucheb. zav. elektromekh.* no. 10:1113-1117 O '83.
- Nezhakov, L. A. - Digging of foundation pits for footings of electric power transmission line supports using the BMDP-3, 6/3 drilling machine. *Energ. strol.* no. 3:57-60 '87.
- Ogorodnikov, G. V. - Determination of the dependence of the maximum permissible test voltage of electric insulating materials on their breakdown voltage. *Vysv. elektr.* no. 5:158-163 '87.
- Petrov, A. M., Spasovskiy, D. S. - Work and health. *Avtom. i telex. i svyaz'* 12 no. 10:24-27 O '83.
- Sumin, A. R., Kozlov, V. U., Shalashin, M. A. - Study of the shielding action of communication cable sheathings under actual conditions. *Avtom. i telex. i svyaz'* 12 no. 11:22-26 M '83.
- Valov, IU. A., Pechko, R. L. - Transfer of OSHB in chemical transport reactions using BCL. *Izv. AN SSSR, Neorg. mat.* 4 no. 5:701-706 My '83.
- Vinogradov, D. E. - Installation of electric power transmission towers on slopes. *Energ. strol.* no. 7:54-59 '87.
- Voroshilov, I. A., Zhuravskiy, I. A. - Causes of failure of SN-2 strols. *Energ. strol.* no. 7:59-61 '87.

621.316 Distribution and control. Switching, etc.

- Analysis of the operation of valve dischargers during switching surges in networks and selection of initial conditions for testing them in laboratories. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:26-30 O '83.
- Andreev, V. V. - Investigating plasma cutting of aluminum bars by forming plasma with nitrogen. *Energ. strol.* no. 3:64-67 '87.
- Bak, S. I., Kochinskii, V. A. - Effect of the temperature of surrounding air on the electric power supply of petroleum rectifiers. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:185-186 O '83.
- Bogachov, V. B., Bodda, V. P. - Device signaling total evaporation. *Priborostroyeniye* no. 4:26 Ap '83.
- Bolotov, M. A., Terentevskiy, M. A., Il'inskiy, O. P. - Some problems of explosion protection of the sheathings of electrical equipment used in acetylene-air media. *Vysv. elektr.* no. 5:17-8 '87.
- Bratish, E. I., Khoroshchik, M. V., Kolodovskiy, A. S. - Backing of explosion-proof sheathings of electrical equipment during short circuits. *Vysv. elektr.* no. 5:1-11 '87.
- Chelchik, S. G., Boshchik, B. P. - Distance-type resetting of the regulator in KMD electronic automatic bridges. *Khim. mashinost.* no. 6:184-187 '83.
- Chernin, A. B. - Calculation of currents and voltages with simultaneous short-circuits for the study of relay protection and automation. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:1-6 O '83.

- Delichen, V. R. - Effect of the transients of mine networks on the operation of leakage protection equipment. *Vysv. elektr.* no. 5:214-221 '87.
- Delichen, V. R., Zhelezovskiy, Kh. M. - Effect of capacitance compensating devices on the operation of the rectifier networks of leakage protection equipment. *Vysv. elektr.* no. 5:231-232 '87.
- Ovchinnikov, V. V., Sumin, A. R. - Grounding of the sheathing of a long-distance communication cable. *Avtom. i telex. i svyaz'* 12 no. 10:4-10 O '83.
- Gordon, S. V. - Entrances of overhead lines into low buildings. *Energ. strol.* no. 11:20-22 M '83.
- Kogan, E. L., Kotas, V. K., Staroverov, A. V. - Study and improvement of ZHRM liquid rheostats. *Vysv. elektr.* no. 5:134-148 '87.
- Kononov, V. P. - Effect of network capacitance on the operation of leakage protection equipment of d. a. networks. *Vysv. elektr.* no. 5:238-238 '87.
- Lashkovskiy, I. M., Lashkov, S. M. - Double-zone protection of underground structures. *Elek. i topl. tsiha* 12 no. 7:18-17 JI '83.
- Lubimov, V. P., Rylov, B. P. - Standardization of current conducting short terminals of explosion-proof electrical apparatus. *Vysv. elektr.* no. 5:128-134 '87.
- Losovoi, V. M., Nedosekov, S. S., Riman, IA. S. - New heat protection equipment for electric motors in mines. *Vysv. elektr.* no. 5:236-243 '87.
- Losovoi, V. M. - Study of thermal protection equipment during emergency conditions in electric motors in mines. *Vysv. elektr.* no. 5:242-244 '87.
- Makarov, V. K., Korobets, A. A. - Means for reducing electrolytic corrosion in underground structures. *Elek. i topl. tsiha* 12 no. 7:18-17 JI '83.
- Malyukov, V. V. - Redesigning of the standard network of the PPM-10 spring drive. *Energ. strol.* no. 11:23-24 M '83.
- Nedosekov, S. S., Parovik, V. M. - Voltage restoration on switch contactors during the switching of short-circuits in electric networks in mine areas. *Vysv. elektr.* no. 5:144-144 '87.
- Nezhakov, K. A., Rikarev, V. P., Chernov, A. M. - Decade switches for parallel voltage dividers. *Priborostroyeniye* no. 2:34 '83.
- New regulations for technical operation of electric networks and power plants (in a brief exposition). *Overhead power distribution lines. Cable power lines. Energ. strol.* 10 no. 11:27-30 M '83.
- Pavlov, V. - The electric power prospects for export. *Voskh. lorg.* 48 no. 3:24-21 '83.
- Petrushenko, V. F. - Analysis of transmission of a mine network from the viewpoint of the high-speed protection response of the system of advanced switching. *Vysv. elektr.* no. 5:202-214 '87.
- Plachinskaya, T. A., Khodovskiy, I. M. - Calculation of the input impedances of a mine network sector to high-frequency currents. *Vysv. elektr.* no. 5:188-190 '87.
- Plachinskaya, T. A. - Schematic of the automation of power distribution networks of large cities. *Energ. strol.* 10 no. 11:27-30 M '83.
- Prokhorovskiy, M. L. - Selection of an electric power supply system for the traction networks of mines. *Vysv. elektr.* no. 5:178-174 '87.
- Riman, IA. S. - Calculation of the currents of a mine network with a switch-in motor operating in a two-phase short mode through a contact resistance. *Vysv. elektr.* no. 5:183-203 '87.
- Sarkisov, A. L., Karabekov, M. IA., Minkov, V. L. - Electromagnetic interference protection methods with a contactless interrupter. *Trudy MINKHIGP* no. 47:141-48 '84.
- Shur, D. A. - Standby protection system with autonomous feed. *Elek. i topl. tsiha* 12 no. 7:17 JI '83.
- Shchukin, L. I. - Characteristics of a differential phase protection system. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:22-26 O '83.
- Vekker, M. A. - Damages resulting from generation over-voltages. *Elek. i topl. tsiha* 12 no. 7:17-20 JI '83.
- Vodolazskiy, P. I. - Experience in the operation of 38 kv. air-break switches. *Energ. strol.* 10 no. 11:24-25 M '83.

621.317 Measurements. Instruments and indicators

- Amel'nikov, IU. V., Likhin, V. P., Alekseeva, G. D. - Magnetometric equipment of space stations "Luna-10" and "Yanets-4". *Kosm. issl.* 8 no. 5:773-781 S-O '83.
- Anashkin, V. F., Shchukin, A. M. - Impulse ammeter for a magnetizing system. *Priborostroyeniye* no. 4:23 Ap '83.
- Antipov, G. V., Volkov, M. P., Mikhlin, A. A. - Differential galvanometric induction-type converter. *Priborostroyeniye* no. 5:28-29 S '83.
- Buzgakov, U. A. - When a megohmmeter fails to indicate insulation breakdown. *Elek. i topl. tsiha* 12 no. 7:11-13 JI '83.
- Bikin, V. I., Kiselev, B. F. - Foreign inductive pressure transducers. *Priborostroyeniye* no. 5:27-28 S '83.
- Hogachko, A. V., Shalashin, V. M. - Investigating transducers for measuring aqueous flow velocities. *Gidrodin. bol'she* no. 4:123-128 '83.
- Cherepka, V. T. - Automation of dilatometric and magnetometric measurements. *Izv. vyz. ucheb. zav. energ.* 11 no. 10:278-278 '83.
- Orlovskiy, A. I., Chernov, A. M. - Design and calculation of a pressure transducer for the measurement of extrusion forces. *Beor. trudy TSHMCHM* no. 5:90-94 '87.
- Lashkov, G. V., Shchukin, A. V. - Diamagnetic susceptibility of some lanthanum sesquioxides. *Izv. AN SSSR, Neorg. mat.* 4 no. 5:789-778 My '83.
- Lomashov, V. - Device for testing power transformers. *Radio* no. 11:27-28 M '83.
- Kirillov, A. M., Sarkisov, A. L. - Device for oscillographic display of nodal potentials in electric integrators with a rotary unit. *Trudy MINKHIGP* no. 47:60-63 '84.

621.317 (Continued)

- 621.317 (Continued)
- Kleiman, G. T. - Schemes of electronic devices for the study of agricultural machines. *Trudy VSNKHO* no. 64-651-654 '67
- Kondakov, A. A., Mironov, A. S., Gurik'skaya, M. G. - ARS-2 automatic recorder of characteristics. *Trudy MNTKHOP* no. 47103-III '64
- Mironov, N. P., Borodits, A. M. - Instrument for testing of pulse converters. *Avtom., telemekh. i svyaz'* 12 no. 11: 27-28 N '63
- Motobayev, L. A., Rikiev, V. P., Chernov, A. M. - Decade switches for parallel voltage dividers. *Priborostroyeniye* no. 8:84 '66
- New Hungarian laboratory instruments. *Priborostroyeniye* no. 4:83-90 Ap '66
- Polynikov, V. A., Rudin, V. A., Kofman, B. L. - The BS-5 small-sized device for testing cables and lines. *Energobizn* 14 no. 11:15-16 N '63
- Rakov, I. I., Mironov, I. I. - Equipment for determining mean values of stresses acting upon the cutter. *Trudy NPI* 17:143-146 '63
- Rivlin, L. I. - Calculation of an a. d. bridge for an analog register operating simultaneously with frequency transducers. *Priborostroyeniye* no. 8:11-12 B '64
- Shtromberg, L. A., Kabanov, V. A. - Methods and instruments in frequency. *Priborostroyeniye* no. 9:1-5 B '66
- Shchep, I. U. - Optimal two-stage procedure to build measurement with minimum signal-to-noise ratio. *Radiolekh. i elektronika* 14 no. 1:78-83 Ja '66
- Shchep, A. V., Shchep, M. L. - Selection of the form of pressure transducers with foil type sensing elements. *Priborostroyeniye* no. 9:6-8 B '66
- Shchep, V. V. - Effect of amplitude on the conditional statistical characteristics of phase difference of two Gaussian random processes. *Radiolekh. i elektronika* 14 no. 1:83-74 Ja '66
- Shchep, V. V. - Effect of noncorrelated noise interference on statistical phase characteristics of two Gaussian random processes. *Radiolekh. i elektronika* 14 no. 1:83-100 Ja '66
- Shchep, V. V. - Unconditional statistical characteristics of phase difference of two Gaussian random processes. *Radiolekh. i elektronika* 14 no. 1:101-104 Ja '66
- Shchep, M. A. - Use of the KPPV-60 electronic self-recording device in the capacity of a multipole-range millivoltmeter. *Priborostroyeniye* no. 4:26-27 Ap '66

621.318 Applied magnetism. Materials and apparatus

- 621.318 Applied magnetism. Materials and apparatus
- Alkhin, V. P., Prager, L. A. - Effect of alternating magnetic field on electrolytic hydrogen absorption by steel UDA. *Uch. zap. Perm. gos. un.* no. 11:53-54 '64
- Asharov, D. S. - Optimal electro- and electrochemical bonds of toroidal electrodynamic elements. *Khark. prog.* 8 no. 10:5-7 O '66
- Bazuk, A. E. - Replacement of contacts in KKh and KKh type relay plug assemblies. *Avtom., telemekh. i svyaz'* 12 no. 10:42 O '63
- Bibakov, A. S., Volodavskiy, T. T. - Determination of nickel admixtures in the ferromagnetic films. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 9:287-291 '63
- Bolotin, V. P., Pliupov, E. N., Iaroslavskiy, B. D. - Signaling device for pressure gauges using photoreceptors. *Priborostroyeniye* no. 4:85 Ap '66
- Moravskiy, V. I. - Mathematical modeling of electrochemical elements of relay protection systems. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:18-21 '63
- Ochinsky, G. I. - Relay-type time marker. *Priborostroyeniye* no. 4:12-14 Ap '66
- Rapaport, E. A. - Condenser discharge welding of relay elements. *Svark. protsv.* no. 11:13-14 N '66
- Rakitskiy, B. S. - Transducer for determining the magnetic characteristics of magnetically hard materials. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:145-147 O '64
- Kharkov, H. P., Korin, V. V. - Effect of a Cu layer on the magnetic properties of NiFeCo films. *Uch. zap. Perm. gos. un.* no. 8:31-33 Ja '66

621.319 Applied electrostatics

- 621.319 Applied electrostatics
- Rigorov, V. M. - Static electricity in the petrochemical and gas industries. *Trudy MNTKHOP* no. 47103-133 '64
- Mandukov, D. M., Gubaidullin, Z. Kh., Khafizov, S. - Electrostatic phenomena in freshly formed crystals of sodium sulfate. *Kolloid. zh.* 30 no. 4:345-348 Ji-Ag '68
- Ploshch, B. M., Reizman, D. I. - Study of the dependence of the optimal voltage magnitude of the power supply of a single-phase capacitor motor on the load. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:145-147 O '64
- Rapaport, E. A. - Condenser discharge welding of relay elements. *Svark. protsv.* no. 11:13-14 N '66

621.32 Electrical lighting equipment. Lamps

- 621.32 Electrical lighting equipment. Lamps
- Alshchikov, A. G. - Measurement of electrical parameters of gas-discharge lamps with fixed line voltage. *Sveto-tekhnika* 14 no. 11:18-23 N '66
- Khoching, G. M., Alshchikov, I. U. - New lighting engineering classification of light fixtures. *Sveto-tekhnika* 14 no. 11:1-4 N '66
- Light fixtures with fluorescent lamps for lighting utility areas of dwellings. *Sveto-tekhnika* 14 no. 11:20 N '66
- Proskov, M. S. - Reliability of starter networks for switching-on fluorescent lamps. *Sveto-tekhnika* 14 no. 11:21-26 N '66

621.323 Lasers

- 621.323 Lasers
- Androsova, L. A., Kabanov, I. U. - Experimental study of intensity fluctuations in single-frequency He-Ne lasers at the wavelengths 6.33 and 3.39 μ . *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:145-147 O '64
- Apistalla, V. M. and others. - Absorption of the high intensity laser radiation in liquids. Nature of active particles initiating styrene polymerization under the effect of laser light beam. *Khark. vyzn. zav.* 2 no. 6:10-127 B-D '68
- Barenzki, G. I. and others. - Effect of stresses on the crack orientation from laser destruction in transparent dielectrics. *Zhur. eksp. i teor. fiz.* 54 no. 5:137-140 B-D '68
- Bazukov, V. I., Denina, E. I. - Energy characteristics of neodymium laser radiation with Q-laser switching. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:145-147 O '64
- Gorodok, K. B., Ponomarev, A. M., Trifonov, V. L. - Application of a laser on atomic hydrogen for studying elementary processes involving H atoms in the gas phase and on the solid surfaces. Part I: Basis of the method. *Khim. vyzn. zav.* 2 no. 4:103-105 M-D '68
- Karlov, N. V. and others. - Effect of the choice of the moment of Q-switching in the case of pulsed pumping of a CO₂ laser on the intensity of generated pulses. *Zhur. eksp. i teor. fiz.* 54 no. 5:137-140 B-D '68
- Kabanov, A. P., Rikiev, S. G., Serikovskiy, G. I. - Theory of a gas laser with nonlinear absorption. *Zhur. eksp. i teor. fiz.* 54 no. 5:140-141 B-D '68
- Lashkov, Y. E. - Dynamics of generation of a pulsed laser with pinning of modes. *Zhur. eksp. i teor. fiz.* 54 no. 5:142-143 B-D '68
- Podgorniy, V. M., Chernits, A. M. - Polarization of stimulated radiation from neodymium ions in a glass base. *Zhur. eksp. i teor. fiz.* 54 no. 5:143-145 B-D '68
- Vachia, A. P., Kabanov, B. P. - Variation of the refractive index of liquids and glasses in a strong field of a ruby laser. *Zhur. eksp. i teor. fiz.* 54 no. 5:147-149 B-D '68

621.33 Electric traction

- 621.33 Electric traction
- Abramov, A. V. - Mineralogical and chemical composition of some ore products of ancient Armenia. *Arm. khim. zhur.* 19 no. 4:17-19 B '63
- Alshchikov, E. I., Volynskiy, P. G. - Study of temperature conditions in electric locomotive bodies. *Vest. TSNII MPE* 27 no. 3:45-51 '63
- Borokhov, E. - Characterization of the reliability of the semiconductor rectifiers. *Trudy MNT* no. 27:53-51 '66
- Chilitskiy, G. A. - Failure of the lights on the ChS3 electric locomotive. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Chern, M. M., Morozov, V. M. - Effect of the self-resistance of an anchor on the commutation of a thyristor motor. *Vest. TSNII MPE* 27 no. 5:4-8 '63
- Gruber, L. G. - At railroad electrification sites. *Transport. no. 8:4-4 Ag '63*
- Ishchikov, V. I. - Linking characteristics of its inverter. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 10:145-147 O '64
- Izay, L. P., Kabanov, A. M. - Reliability of the automatic regulator of the ASU-M. *Trudy MNT* no. 27:14-21 '66
- Lashkov, L. M., Iakovlev, B. M. - Double-zone protection of underground structures. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Lashkov, L. M. - Wheel adhesion under electric braking and at speed up to 100 kilometers per hour. *Vest. TSNII MPE* 27 no. 3:30-32 '63
- Khepenev, A. M. - Electrical networks of the VL10 series electric locomotive. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Korol'skiy, A. M. - Subway automatic control system and its modernization. *Trudy MNT* no. 27:13-13 '66
- Karmin, L. K. - Improvement of VL10D electric locomotive. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Kabanov, V. K., Korotkiy, A. A. - Means for reducing electric current in underground structures. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Morozov, G. K. - Effect of minor changes in magnetic system parameters on the performance of MD-400B traction motors. *Trudy MNT* no. 27:73-79 '66
- Morozov, V. M. - Selecting the firing angle for thyristors of a thyristor motor rectifier. *Vest. TSNII MPE* 27 no. 3:33-37 '63
- Petrov, V. M. - Economical method for preparing water for the electrolysis of storage batteries. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Pliupov, A. I., Gerasimov, Zh. P. - Mine traction substitution with regulated rectifiers and its protection from short-circuit currents. *Vyzn. elektr.* no. 6:177-184 '67
- Pliupov, I. U. M., Kabanov, I. U. A. - Use of electrochemical models for traction calculations. *Vest. TSNII MPE* 27 no. 3:4-4 Ji '63
- Rakov, N. I. - Characteristics of phase shifting devices in the control system of a thyristor unit. *Vest. TSNII MPE* 27 no. 5:1-5 '63
- Rakov, N. I., Kabanov, O. S., Kabanov, V. S. - System regulating the performance of asynchronous short-circuit electric traction motors. *Trudy MNT* no. 27:71-78 '66
- Shchep, V. A. - Standby protection system with autonomous feed. *Mekh. i tepl. tsiy* 13 no. 7:7 Ji '64
- Shchep, V. G. - Effect of the emergency reserve on the reliability of auxiliary machines of a e. electric locomotive. *Trudy MNT* no. 27:23-26 '66
- Shchep, V. G. - Improving maintenance of auxiliary machines and its effect on their reliability. *Trudy MNT* no. 27:26-31 '66
- Shchep, I. V., Shchep, L. P. - Continuous line method for repairing electrical machines work performed in the Beryozovskaya Railroad Repair Shop. *Mekh. i tepl. tsiy* 13 no. 7:12-13 Ji '64

- Shchep, V. R., Oshov, S. V., Alshchikov, V. E. - The TSN3 diesel locomotive. *Mekh. i tepl. tsiy* 13 no. 7:12-13 Ji '64
- Shchep, V. V. - Efficient method for detecting short circuits. *Mekh. i tepl. tsiy* 13 no. 7:33 Ji '63
- Vladimirov, S. I., Kabanov, N. M., Shchep, N. F. - *Mekh. i tepl. tsiy* 13 no. 7:12 Ji '63
- Vakater, M. A. - Damages resulting from porousness currents. *Mekh. i tepl. tsiy* 13 no. 7:33-33 Ji '64
- Vologda, V. A. - Conditions of during high-speed traffic of current collectors with constant suspension. *Vest. TSNII MPE* 27 no. 3:27-30 '63
- Zvezda, I. A. K. - Control tests of electric locomotives after their repair. *Mekh. i tepl. tsiy* 13 no. 7:12-13 Ji '64

621.33 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.

- 621.33 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.
- Abramov, D. M., Evdokimov, B. V. - Study of the work of microcorrosion pairs in heterogeneous system carbon tetrachloride - chloroform - water. *Avtom., khim. zhur.* no. 11:106-III '66
- Alkhin, V. P. - Effect of powdered in vacuum and electrodeposited films on permeability of electrolytic hydrogen through steel membranes. *Uch. zap. Perm. gos. un.* no. 11:44-51 '64
- Bazuk, A. G. - Study of relations determining values of the strength of electric field in the active zone of a high-frequency electric dehydrator. *Trudy MNTKHOP* no. 47:107-104 '64
- Danashin, B. B. and others. - Electrocapillary measurements in concentrated solutions of NaClO₄. *Elektrokhimika* 4 no. 11:133-134 N '66
- Dalimovskiy, I. U. K., Makogon, V. P., Kabanovskiy, V. V. - Effect of a base layer on the electrodeposition of aluminum from a chloride melt. *Zashch. met.* 4 no. 6:143-145 M-D '63
- Dashchitskiy, I. V., Gaidina, K. K. - Study of some of the physical and mechanical properties of iron coatings obtained from organic electrolytes. *Trudy Khark. sel'khoz. inst.* 84:40-41 '63
- Fedorov, I. U. V. - Effect of the addition of tribohydrides on electrolytic plating of sheet iron. *Khim. fizika* 30 no. 8:1667-1670 Ag '63
- Fedorov, N. S. - X-ray study of fluoride films on steel. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 9:141-143 '63
- Gologov, V. P., Mironov, M. A., Petrov, I. U. M. - Character of the wear of electrolytic iron coatings during dry friction. *Trudy Khark. sel'khoz. inst.* 84:71-77 '63
- Gorodok, G. V., Gerasimov, V. I. - Study of the wear resistance of electrolytic alloys of iron and aluminum oxide. *Trudy Khark. sel'khoz. inst.* 84:87-91 '63
- Iakovlev, B. A. - Investigating voltage losses in first-order conductors of horizontal mercury electrochromes and methods of decreasing them. *Khim. analit. met.* no. 4:146-150 '63
- Ivanovskiy-Lashchik, I. U. M., Lashchikov, I. U. M., Porshakov, B. V. - Electrochemical thinning from hydrophobic films. *Zashch. met.* 4 no. 6:141-143 M-D '63
- Kabanov, L. L. - Change of mechanical properties of steel during the polarization in some anhydrous solutions. Part III: *Uch. zap. Perm. gos. un.* no. 11:83-87 '64
- Kabanov, L. L. - Diffusion of hydrogen through steel cathodes during polarization in some anhydrous solutions. *Uch. zap. Perm. gos. un.* no. 11:88-92 '64
- Kabanov, V. V., Oshchikovskiy, V. I. - Stability of colloids in thin plating electrolytes and microhomogeneity of deposits. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 11 no. 9:144-146 '63
- Kabanov, S. I., Proskov, A. I. A. - Straightening the anodic microprofile during copper deposition from a sulfate electrolyte containing thiosulfate. *Zashch. met.* 4 no. 6:144-147 M-D '63
- Kabanovskiy, M. T. and others. - Investigating conditions of the electrodeposition of a cadmium-nickel alloy from a sulfamate electrolyte. *Zashch. met.* 4 no. 6:147-151 M-D '63
- Kabanov, M. A. - Effect of defects in the structure of metal on the degree of electrode potential. *Trudy Khark. sel'khoz. inst.* 84:9-10 '63
- Kabanov, K. A., Tshchik, A. E. - Durability estimation of shafts strengthened by electrolytic iron plating. *Trudy Khark. sel'khoz. inst.* 84:101-103 '63
- Matulis, J., Rakhyta, V. - Effect of some organic additions on the absorption of hydrogen in nickel electrodeposition. *Trudy AM Lit. RSL. Ser. B.* no. 31:11-21 '63
- Mokhovskiy, K. B., Polsharov, M. M. - Effect of arsenic on hydrogen absorption by steel the process of steel electrodeposition on steel. *Uch. zap. Perm. gos. un.* no. 11:37-43 '64
- Mokhovskiy, A. A., Varichkovskiy, I. M., Shchep, L. L. - Refining the model JB23 vertical hooking machine for electrolytic hooking. *Trudy Khark. sel'khoz. inst.* 84:130-133 '63
- Moravskiy, V. I., and others. - Results of testing electrolytic cells with composite steel-aluminum anodic pins. *Tsvet. met.* 41 no. 11:45-51 N '63
- Radig, V. M. - Effect of conditions of the electrolysis on chromium current efficiency with application of ultrasonic waves. *Zashch. met.* 4 no. 6:153-159 M-D '63
- Petrov, I. U. M., and others. - Aspects of changes in potential of electrolytic iron depending on the conditions of electrolysis. *Trudy Khark. sel'khoz. inst.* 84:11-13 '63

621.33 (Continued)

- Petrov, I. M., and others. - Study of the natural aging of electrolytic iron. *Trudy Khim. i tekhn. inst.* 64:97-100 '84.
- Petrov, I. M., Andreeva, L. M. - Study of the physico-chemical properties of iron precipitates from sulfate-chloride electrolytes. *Trudy Khim. i tekhn. inst.* 64:84-91 '84.
- Petrov, I. M., Andreeva, L. M., Zaidman, G. N. - Cathodic passivation during electrodeposition of iron. *Trudy Khim. i tekhn. inst.* 64:90-94 '84.
- Petrov, I. M. - Effect of electrolysis conditions on the initial period of the process of electrodeposition of iron. *Trudy Khim. i tekhn. inst.* 64:88-89 '84.
- Petrov, I. M., Lagubels, A. N. - Adhesion of iron coatings with steel and cast iron during nonstationary methods of electrolysis. *Trudy Khim. i tekhn. inst.* 64:92-94 '84.
- Rozlovskii, A. A., and others. - Electrolytic refining of antimony in fused salts. *Tsvet. met.* 41 no. 11: 34-41 M '83.
- Safonov, L. T., Pal'chik, V. M. - Effect of technological factors on the life of plasma pairs recommended by chrono plating. *Trudy Khim. i tekhn. inst.* 64:104-110 '84.
- Smolodtsov, V. G., Krasnoshch, P. G. - New supply sources for electrodes in electrochemical casting of walls. *Mash. i avtomat.* no. 10:146-148 '83.
- Sokolova, L. A., Koshchikova, L. P., Molter, V. M. - Efficiency increase of the action of negative resistance and widening of the operating range of temperatures of electrochemical diodes. *Radiofizika* 4 no. 11:1379-1384 M '83.
- Solov'eva, K. A., and others. - Composition and properties of cathode film formed in the electrodeposition of aluminum. *Zhur. prikl. khim.* 36 no. 8:1808-1811 Ag '83.
- Stratinskii, M. P., Korybatskii, A. I. - Study of the process of chrome plating in a self-regulating tetrachromate electrolyte. *Trudy Khim. i tekhn. inst.* 64:38-39 '83.
- Stratinskii, M. P. - Wear resistance of chrome coatings obtained from a tetrachromate electrolyte by the anodic jet system. *Trudy Khim. i tekhn. inst.* 64:75-82 '83.
- Tsvetkov, B. V. - Effect of some electrolysis conditions on the distribution of residual stresses along the thickness of an electrolyte from precipitates. *Trudy Khim. i tekhn. inst.* 64:82-84 '83.
- Zakina, G. M. - Polarization and passivation of tin on oxide during electrodeposition of iron in an ultrasonic field. *Trudy Khim. i tekhn. inst.* 64:87-94 '83.
- 621.36 Thermoelectricity. Electric heating.
- Bardik, M. I. A., and others. - Local thermoelectric air conditioner. *Khol. tekhn.* 46 no. 10:16-18 O '83.
- Bondarenko, G. T. - Development of high-temperature sources during the application of electric current for the stimulation of fuel formations. *Trudy MNTSNGP* no. 47: 193-201 '84.
- Dudnik, A. A. - Modern induction furnaces. *Lit. protov.* no. 8:11-15 Ag '83.
- Cheremoshkov, L. G., and others. - Experiments gained in mastering mass and electrical glass making. *Elek. i ber.* 34 no. 1:8-10 Ja '87.
- Klimchik, G. V., Starikov, A. I. - Radiated mode of operation of electrothermal systems. *Izv. vuz. ucheb. sav. energ.* 11 no. 10:34-41 O '86.
- Mironov, I. M. - Calculation of electrical parameters of electric slag melting furnaces. *Izv. vuz. ucheb. sav. energ.* 11 no. 10:31-33 O '86.
- Volkov, V. Z. - Effect of temperature distribution on the properties of root and pitch compositions in the sintering process. *Tsvet. met.* 41 no. 11:81-84 M '83.
- Voklad, V. V., Donskoi, A. V. - Frequency stability and energy characteristics of a two-cycle system with direct connection of an inductor. *Izv. vuz. ucheb. sav. energ.* 11 no. 10:43-47 O '86.
- 621.37 Techniques of electric and electromagnetic waves, coefficients and values.
- Abramovich, V. B. - Synthesis of linear systems by characteristics given in the domain of imaginary frequencies. *Dop. AN URSS, Ser. A* 30 no. 14:1047-1054 M '83.
- Adonina, A. L., Polovoi, V. I. - Diffraction of H₀₁-waves on a metal-strip grating of finite length in a rectangular wave guide. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:187-189 '83.
- Akshel'kov, V. P., Balaev, V. L. - Commercial frequency oscillator. *Priborostroyeniye* no. 4:184 Ap '84.
- Andreev, V. S., Meyerovskii, K. V. - Low-frequency parametric amplifier. *Radiofizika* 23 no. 11:94-99 M '83.
- Antipenko, V. A. - Simplified methods for calculating nonlinear distortions and modes of generating tubes during the amplification of a single-band signal. *Elektrosvyaz* 23 no. 10:48-54 O '83.
- Bartshchik, L. I. and others. - Noise generation using an avalanche-transmit diode. *Radiofizika* 1 elektron. 14 no. 1:104-110 Ja '83.
- Dal', S., Bardinskii, V. - Automatic gain control based on current branching. *Radio* no. 11:41-43 M '83.
- Bogdanov, V. L., Dumas, K. I. A. - Energy characteristics of neodymium laser radiation with Q-factor switching. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:84-91 '83.
- Bols, V. A., Kalaykova, S. S., Kuznetsov, V. L. - Scattering of electromagnetic waves by a piecewise homogeneous dielectric. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1: 92-100 '83.

- Bols, V. A. - Scattering of a plane wave by a piecewise homogeneous plasma with a zero layer. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:44-48 '83.
- Chernikov, N. K. - Reversing counting decade using cold cathode tubes. *Priborostroyeniye* no. 8:23 S '83.
- Chernikov, A. D., Chernikov, L. K. - Manosecond band linear transmitter band-pass filter. *Polupr. elektron. nan. diap. v izdel.* no. 1:4-33 '87.
- Chernikova, V. D. - Polarized scattering of signals dispersed in the ionosphere. *Elektrosvyaz* 23 no. 10:68-78 O '83.
- Fedorovskii, A. M. - Transformation of a longitudinal plasma wave into an electromagnetic wave on the interface plasma - dielectric. *Ukr. fiz. zhur.* 13 no. 4: 1034-1036 Ja '85.
- Fillipp, W. D. - Estimates of the averaging interval in the statistical processing of experimental data on the propagation of ultrashort radio waves. *Izv. AN Mold. SSR* no. 11:78-79 '83.
- G. M. Gershstein and others. Application of the induced current method to the solution of gravity prospecting problems. *Vop. elekt. model. pol.* no. 8:182-184 '87.
- Gilliamov, I. P., Nikolaev, M. S. Coresonant nonreciprocal RC-filters and delay lines. *Elektrosvyaz* 23 no. 13: 48-57 D '83.
- Golovay, V. A. - Manosecond band transistor pulsed current amplifiers. *Polupr. elektron. nan. diap. v izdel.* no. 11: 5-13 '87.
- Gorodkovskii, E. M., Polkov, P. A. - Study of a three-wave three-resonator anodyne system. *Radiofizika* 1 elektron. 14 no. 1:137-145 Ja '83.
- Gorodkovskii, E. M., and others. - MWT-VZ system for modeling three-dimensional fields using an induced current method. *Vop. elekt. model. pol.* no. 11:69-71 '84.
- Gorodkovskii, E. M. - Mirrors in modeling three-dimensional fields using models of induced current with a transmit probe. *Vop. elekt. model. pol.* no. 1:127-33 '84.
- Gorodkovskii, E. M. - Induced current techniques. *Vop. elekt. model. pol.* no. 1:13-35 '84.
- Gorodkovskii, E. M., Marmashov, I. D. P. - Prospects for modeling two-dimensional fields with a space charge using an induced current method. *Vop. elekt. model. pol.* no. 1:167-181 '84.
- Gorodkovskii, E. M., Sali, I. M. - Determination of the relative magnitudes of the coupling resistances of spatial harmonics of delay systems using an induced current method. *Vop. elekt. model. pol.* no. 1:158-157 '84.
- Gorodkovskii, E. M., Tugayev, R. K. - Modeling of the electromagnetic fields of the nonhomogeneities of wave guides. *Vop. elekt. model. pol.* no. 1:140-149 '84.
- Gorodkovskii, E. M., Zhenarova, G. V. - Use of an induced current technique in modeling fields in nonhomogeneous media. *Vop. elekt. model. pol.* no. 1:183-183 '84.
- Golovay, V. V. - Wobbling frequency generator. *Radio* no. 11: 43 M '83.
- Grishanov, V. A., Ushakov, G. P. - Manosecond band amplifier discriminator. *Polupr. elektron. nan. diap. v izdel.* no. 1:44-41 '87.
- Grigor'evskii, V. V. - Measurement of induced radiation cross-section of a substance in conventional mode of operation of a laser. *Radiofizika* 1 elektron. 14 no. 1: 179-173 Ja '83.
- I. P. Vardilov. Relaxation method for solving a boundary value problem using analog computers. *Vop. elekt. model. pol.* no. 3:118-123 '87.
- Iakovlev, M. I., Shishov, Y. P., Tsvetkov, L. P. - Coefficients of acoustic reflection and transmission and morphological states of cortical neurons under the effect of electromagnetic fields of ultrahigh frequencies. *Zhur. vuz. ucheb. sav. i radiofiz.* 11 no. 1:173-176 M-D '83.
- Kuznetsov, I. M. - Traveling-wave radiation of semiconductor oscillator. *Radiofizika* 1 elektron. 14 no. 1: 187-188 Ja '83.
- Kravov, V. - Christmas tree lights device. *Radio* no. 11: 40 M '83.
- Krasnoshchikov, B. K. - Expansion of forced oscillations of open systems according to discrete spectrum eigenfunctions. *Radiofizika* 1 elektron. 14 no. 1:178-30 Ja '83.
- Krasnoshchikov, B. K., Bagdasaryan, G. P. - Diffraction of a plane electromagnetic wave on a slanted grid of conducting wires. *Radiofizika* 1 elektron. 14 no. 1:18-24 Ja '83.
- Khodkov, A. V., Paltanov, V. A., Prokha, V. P. - Some methods for generating first-order boundary value conditions in modeling fields using induced current systems. *Vop. elekt. model. pol.* no. 1:167-68 '84.
- Khodkov, A. V., Prokha, V. P. - Assignment of first-order boundary value conditions in direct determination of a potential by measuring the induced charge. *Vop. elekt. model. pol.* no. 1:164-173 '84.
- Khodkov, A. V. - Substitution of induced currents. *Vop. elekt. model. pol.* no. 1:168-103 '84.
- Khodkov, A. V. - Use of synchronous detection in modeling fields using systems with vibrating charged conductors. *Vop. elekt. model. pol.* no. 1:114-123 '84.
- Kisel', V. A. - Requirements for the characteristics of a filter shaping a single-band signal. *Elektrosvyaz* 23 no. 13:76-77 D '83.
- Kirichenko, I. A. M., Medel', A. A., Shcherba, V. V. - Magnetic amplifier with extended regulatory range. *Priborostroyeniye* no. 4:17-18 Ap '84.
- Klimentov, I. M. - Frequency fluctuations of mutually synchronous oscillators. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:183-184 '83.
- Kogan, A. B., Doroshenko, L. I., Volynskii, M. M. - Effect of static magnetic field on the photoresistivity in Paramossem. *Tekhnologiya* 10 no. 10:13-14 O '83.
- Korotkiy, I. A. S. and others. - Theoretical and experimental study of the diffraction of a plane wave on a bar grid. *Radiofizika* 1 elektron. 14 no. 1:18-17 Ja '83.

- Korolov, I. A. - Limit of the applicability of the first approximation for a reflection factor in the theory of nonhomogeneous lines. *Radiofizika* 1 elektron. 14 no. 1:169-182 Ja '83.
- Kravchenko, V. I. A. - Electromagnetic excitation of sound in a metallic plate. *Zhur. eksp. i teor. fiz.* 84 no. 5:1494-1509 My '83.
- Lur'e, B. I. A. - Second subharmonic of a feedback amplifier. *Elektrosvyaz* 23 no. 13:70-71 D '83.
- Maklarskii, L. G., Avich, L. R. - Design of symmetrical eight-terminal networks. *Elektrosvyaz* 23 no. 10:43-47 O '83.
- Marchenko, I. V. - Calculation of radio interferences of multibeam FSI radio relay systems. *Elektrosvyaz* 23 no. 10:1-10 O '83.
- Martinez, V. V. - Backscattering of a plane electromagnetic wave on a thin dielectric layer. *Radiofizika* 23 no. 11:10-12 M '83.
- Mashkov, G. V., Subbotin, A. G., Oskolkov, B. A. - Third All-Union Symposium on the problem "Occupational hygiene and the biological effect of electromagnetic waves of different radiofrequencies." *Voen.-med. zhur.* no. 11:90-91 N '83.
- Mel'nik, V. A. - Average number of overloads of the module of a polarization factor. *Radiofizika* 23 no. 11:88-89 M '83.
- Mel'nik, V. A., and others. - Realization of single-mode operation by a CO₂ laser. *Radiofizika* 1 elektron. 14 no. 1:111-114 Ja '83.
- Mironov, V. L., Yolkachev, L. D. - Diffraction of an obliquely incident electromagnetic surface wave on the edge of an impedance half-space. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:154-157 '83.
- Mishchenko, B. G., Sidorovskii, P. A., Pavlovskii, V. E. - Networks for nonlinear summation of manosecond band pulses. *Polupr. elektron. nan. diap. v izdel.* no. 1:58-59 '87.
- Mishchenko, B. G., Zayachuk, V. E. - Networks for linear summation of manosecond band pulses. *Polupr. elektron. nan. diap. v izdel.* no. 1:43-55 '87.
- Molodtsov, M. L., and others. - Analysis of the distribution of fast electromagnetic waves in a spiral waveguide with a metal screen. *Radiofizika* 1 elektron. 14 no. 1: 182-185 Ja '83.
- Molodtsov, V. V., Krasnoshchikov, D. L., Kotik, L. P. - Calculation of the dispersion matrix of a waveguide transformer with ferrite. Longitudinal magnetization. *Radiofizika* 1 elektron. 14 no. 1:141-43 Ja '83.
- Ostov, A. G. - Calculation of the noise of nonreciprocal distributed multiterminal networks with losses. *Radiofizika* 23 no. 11:20-23 M '83.
- Pavlovskii, M. S., Pavlovskii, R. A. - Effect of self-frequencies spectrum of an open resonator on its resonance characteristics in the "reflection" mode. *Radiofizika* 1 elektron. 14 no. 1:158-60 Ja '83.
- Pavlovskii, V. A., Pavlovskii, V. V. - Analysis of static characteristics of d.o. amplifiers designed according to regulated self-oscillator circuits. *Priborostroyeniye* no. 4:18-7 Ap '83.
- Pavlovskii, V. A. - Analysis of error in determining the amplitude of spatial harmonics using an induced current method. *Vop. elekt. model. pol.* no. 1:158-44 '84.
- Perevalovskii, P. A. - Contribution to the theory of a reflex solenoid. *Radiofizika* 23 no. 11:84-82 M '83.
- Pokrashev, V. G., Mironov, L. M. - Coherence transfer in the radiological resonance on the radiation frequency. *Zhur. eksp. i teor. fiz.* 84 no. 5:1377-1308 My '83.
- Polishchuk, I. M. - Correlation of spatial fluctuations of the amplitude and phase of a wave diffracted on a rough screen. *Izv. vuz. ucheb. sav. i radiofiz.* 11 no. 1:72-83 '83.
- Rivkin, L., Gulin, M. - Stereophonic amplifier with a shortwave receiver. *Radio* no. 11:23-24 M '83.
- Rodionov, A. S., Orlovskii, V. S. - Prospects for short-term forecasting of ionospheric conditions affecting communication. *Elektrosvyaz* 23 no. 10:18-23 O '83.
- Sali, I. M. - Use of an induced current harmonics technique in the determination of two absolute magnitudes of the coupling impedances of delay systems. *Vop. elekt. model. pol.* no. 1:156-164 '84.
- Sali, I. M. - Use of MWT - VZ - type analog systems for studying transmission lines with transverse electromagnetic waves. *Vop. elekt. model. pol.* no. 1:140-149 '87.
- Savits, S. K. - Use of PM and PM oscillations for the generation of combined frequencies. *Elektrosvyaz* 23 no. 10:77-79 O '83.
- Sedin, V. A. - Errors in modeling three-dimensional fields using an induced current method and vibrating and fixed charged conductors. *Vop. elekt. model. pol.* no. 1: 47-64 '84.
- Sedin, V. A. - Modeling of the electromagnetic fields of wave guides using an induced current method. *Vop. elekt. model. pol.* no. 1:114-119 '84.
- Sedin, V. A., Pavlovskii, V. A., Lashchikov, V. A. - Solution of some practical problems using induced current systems. *Vop. elekt. model. pol.* no. 1:78-85 '84.
- Sedin, V. A., Savostina, T. D. - Modeling of the electromagnetic field of irregular wave guides using an induced current method. *Vop. elekt. model. pol.* no. 3:110-157 '87.
- Shaginertov, G. I., Mishin, I. L. - Stability of the front of a RF impulse in a ring oscillator. *Radiofizika* 1 elektron. 14 no. 1:173-175 Ja '83.
- Shchegolev, A. M., Bogdanov, M. M. - Calculation of the efficiency of traveling-wave tubes with losses and hybrid devices. *Radiofizika* 1 elektron. 14 no. 1:175-176 Ja '83.
- Shchegolev, V. P., Krasnoshchikov, I. M. - Topological matrix method for analyzing networks. *Elektrosvyaz* 23 no. 13:43-45 D '83.
- Shchegolev, V. P., Tsvetkov, L. M. - Synchrotronization of relaxation oscillations in a nonlinear circuit. *Radiofizika* 1 elektron. 14 no. 1:170-173 Ja '83.

621.37 (Continued)

- Stal'man, B. G. - Grouping of symbols in the period of a pseudorandom binary sequence. *Elektronika* 22 no. 10:75-77 O '68.
- Stetsky, V. V. - How to maximize the permanent signals of relays. *Avtom., telex i svyaz* 12 no. 10:28 O '68.
- Stetsky, V. V. - Contribution to the theory of structural synthesis of linear radio engineering circuits. *Radio i Svyaz* 22 no. 11:8-9 N '68.
- Tsibul'skiy, A. A., and others. - Avalanche-transist diode generators in the centimeter band. *Radio i Elektronika* 14 no. 1:97-103 Ja '68.
- Tsibul'skiy, V. V., and others. - Statistical properties of a field scattered by a rough surface. *Izv. vuzovsk. radiofiz.* 11 no. 1:64-83 '68.
- Tsibul'skiy, D. A. - Equivalent representations of four-terminal bridges containing active elements. *Elektronika* 22 no. 12:58-63 D '68.
- V. P. Prodan, A. N. Safonov. - Study of the electrical field of a synchrotron using the induced current method. *Vys. elektr. i model. pot.* no. 3:204-208 '67.
- Viktorov, M. V., and others. - Engineering design of strip Y-circulators for the decimeter band. *Radio i Elektronika* 22 no. 12:34-38 N '68.
- Viktor, I. U. - Analysis of a two-positional temperature regulator with construction based on a self-exciting oscillator. *Prilozheniya tekh. fiz.* 4:1-3 Ap '68.
- Voinar, A. - Nonlinear analysis of FM reception below the noise threshold. *Radio i Elektronika* 23 no. 11:38-46 N '68.
- Voinar, V. M., Karlin, B. L., and others. - Stabilization of the phase characteristic of a resonant parallel circuit. *Radio i Elektronika* 23 no. 11:7-9 N '68.
- Volkov, V. G. - Interdependence of phase-frequency characteristics and their instability for cascade connections of resonant circuits. *Elektronika* 22 no. 10:73-75 O '68.
- Volkov, L. D. - Passage of RF pulses with exponential envelope through an M-oscillator tuned amplifier. *Radio i Elektronika* 23 no. 11:21-27 N '68.

621.38 Electronics

- Kirshov, V. M., and others. - Third generation of electronic equipment. *Avtom., telex i svyaz* 12 no. 2:41-45 N '68.
- Goydenko, V. - Fifty years of Soviet radioelectronics. *Radio* no. 11:5-6 N '68.
- Kozlov, V. V., Kalashnikov, L. A., and others. - Photoelectron cell for measuring spherical symmetries. *Radio i Elektronika* 24 no. 11:88-90 N '68.
- Lavrenko, I. - Exhibition "Interferometer-68." *Avtom., telex i svyaz* 12 no. 10:38-39 O '68.
- Malin, R. - Mutual resistors and condensers. *Radio no. 11:62 N '68.*
- Shchegolev, S. - Where giants are born. *Radio no. 11:8-9 N '68.*
- Sokolov, L. A., Kondratyev, L. P., and others. - Efficiency increase of the action of negative resistance and widening of the operating range of temperatures of electrothermal diodes. *Elektronika* 4 no. 11:178-188 N '68.
- Sorin, I. A. - An editorial in the field of science. *Stand. i izm.* 23 no. 10:84-84 O '68.
- Tsvetkov, V. V. - Effect of asymmetries on the additional statistical characteristics of phase differences of two Gaussian random processes. *Radio i Elektronika* 14 no. 1:63-74 Ja '68.
- Tsvetkov, V. V. - Unidirectional statistical characterization of phase differences of two Gaussian random processes. *Radio i Elektronika* 14 no. 1:49-61 Ja '68.

621.385 Semiconductor devices

- AN-Zade, O. A., and others. - Some problems connected with measuring the capacitance of p-n junctions of semiconductor devices. *Za tekhn. prog.* 5 no. 10:5-8 O '68.
- Arak'yan, G. M., and others. - Concerning the theory of stable volt-ampere characteristics of long diodes, operating in double injection mode. Part 2. *Izv. AN Arm. SSR. Fiz. i mat. nauk* 1 no. 6:308-314 '67.
- Arak'yan, G. M., and others. - Theory of volt-ampere characteristics of a superconducting diode with a compensated base. Part 2. *Izv. AN Arm. SSR. Fiz. i mat. nauk* 1 no. 6:315-321 '67.
- Balashov, M. M., Obolozov, A. I., Popov, I. A. - Thermal resistance between the body of a transistor and the radiator. *Radio i Elektronika* 23 no. 11:90-91 N '68.
- Chel'skiy, G. M., and others. - Effect of electron-lattice interaction on the volt-ampere characteristics and equivalent circuit of a metal-semiconductor contact. *Radio i Elektronika* 14 no. 1:178-180 Ja '68.
- for foreign countries. *Radio no. 11:85-86 N '68.*
- Kirshov, V. V., and others. - High-speed devices. *Radio i Elektronika* 14 no. 1:183-189 Ja '68.
- Kislov, V. - Semiconductors and electrical engineering. *NYO* 10 no. 11:49-41 N '64.
- Reference sheet. *Radio no. 11:63-67 N '68.*
- Kudakov, G. S., and others. - Simulation of processes in a superhigh-frequency diode described by equations with variable delay. *Izv. vuzovsk. radiofiz.* 11 no. 1:98-101 '68.
- Migurskiy, V. P. - Hybrid matrix of an electrostatic circuit. *Radio i Elektronika* 23 no. 11:3-4 N '68.
- Tsibul'skiy, A. A., and others. - Modes of directly doped p-n junction at low frequencies. *Izv. fiz. zh.* 12 no. 8:83-93 J '68.
- Vainov, V. - M-p-n transistors in low-frequency amplifiers. *Radio no. 11:84-85 N '68.*

621.385 Photoelectric tubes, cells, image converters

- Taras, E. L. - Linearity of luminescent characteristics of photomultiplier when using photon count. *Izv. Krim. fiz. i tekhn. nauk* 3:247-253 '68.
- Vlad, I. A., and others. - Photoelectron multiplier with negative photo-sensitivity. *Radio i Elektronika* 14 no. 1:180-183 Ja '68.
- 621.384 Prediction of active rays, corpuscular beams
- Kabanov, A. M., and others. - High-voltage electron beam with E-8. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:964-961 no. 6:965-961 Ja '68.
- Levin, V. M., and others. - Linear 8 MeV electron accelerator for medical purposes. *Atom. energ.* 25 no. 5:448-450 N '68.
- Pavlov, V. A., and others. - Vibrator for use in microwave spectroscopy. *Zav. lab.* 34 no. 8:1628-1627 '68.

621.385 Electronic discharge tubes

- Akhmedov, S. G., and others. - High efficiency triodes with open-cathode control electrodes operating in a negative resistance mode. *Izv. vuzovsk. radiofiz.* 11 no. 1:132-145 '68.
- Bakurov, A. G., and others. - KIM-11 and KIM-8 electron microscopes. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:970-973 Ja '68.
- Der-Savarta, G. V., and others. - Evaluation of the electron-optical properties of cryogenic objectives - anodeless electron microscopes. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:973-975 Ja '68.
- Der-Savarta, G. V. - Minimization of a contrast function and calculation of the magnetic circuits of asymmetric lenses of electron microscopes. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:977-981 Ja '68.
- Djann, S. A., and others. - Utilization of a sounding electron microscope in investigating semiconductor heterojunctions. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:983-985 Ja '68.
- Dikov, V. G., and others. - Electron optics of an emission microscope with a magnetic field at the cathode. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:977-977 Ja '68.
- Krasov, V. L., and others. - Modeling of the spectrum of spatial harmonics and the distribution of the field of x-type oscillations of a rod magnetron using an induced current method. *Magneton with rectangular rods. Radio i Elektronika* 14 no. 1:144-145 Ja '68.
- Yelisey, D. V., and others. - Scanning electron microscope X-ray microanalysis. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:983-984 Ja '68.
- Gel'man, M. M., and others. - Study of a micro-wave three-resonator autodyne system. *Radio i Elektronika* 14 no. 1:157-158 Ja '68.
- Lozhki, O. G., and others. - Results of tests of 63MP electron tubes under normal and intensified operating conditions. *Stand. i izm.* 32 no. 10:84-87 O '68.
- Luk'yanov, A. E., and others. - Geometrical optics of an electron reflecting microscope with a two electrode immersion objective. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:977-980 Ja '68.
- Luk'yanov, A. E., and others. - Increasing the image contrast in electron microscopes. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:1019-1023 '68.
- Mity, G. M. - Measurement of thermal conductivity of the oxide layers of cathodes of electron vacuum devices according to the time of the establishment of the temperature of their emitting surfaces. *Radio i Elektronika* 14 no. 1:177-180 Ja '68.
- Vlad, G. I., and others. - Effect of the electrical conductivity of the oxides of alkali earth metals. *Radio i Elektronika* 14 no. 1:184-187 Ja '68.
- Sapozhnikov, G. V., and others. - Observation of plasmonic micro-poles in a scanning electron microscope at energies of primary electrons of tens of MeV. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:987-971 Ja '68.
- Shchegolev, G. V., and others. - Theory of contrast of images of a p-n junction observed in a scanning electron microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:977-983 Ja '68.
- Sedov, M. M., and others. - Formation of images of magnetic microscopes of an arbitrary type in an electron reflecting microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:1000-1013 Ja '68.
- Sedov, M. M., and others. - High contrast images of micro-poles in an emission microscope and calculation of reflected micro-poles according to contrast. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:973-984 Ja '68.
- Sedov, M. M., and others. - Calculation of electrical micro-poles according to their image in an electron reflecting microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:983-1004 Ja '68.
- Shchegolev, G. V. - Analysis of a two-dimensional periodic structure of a two-dimensional phase. *Izv. vuzovsk. radiofiz.* 11 no. 1:123-123 '68.
- Shchegolev, G. V., and others. - Calculation of the efficiency of traveling-wave tubes with losses and hybrid devices. *Radio i Elektronika* 14 no. 1:176-178 Ja '68.
- Shchegolev, G. V. - Determining the work function of an oxide subject to the action of an electrical field. *Radio i Elektronika* 14 no. 1:134-137 Ja '68.
- Sokolov, P. A., and others. - Objective of an electron microscope of superconducting material. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:984-981 Ja '68.
- Sokolov, P. A., and others. - Transmission electron microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:986-988 Ja '68.
- Vainov, V. M., and others. - KIM-8 electron microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:977-978 Ja '68.
- Vainov, V. M., and others. - Use of slow electrons in a transmission electron microscope. *Izv. AN SSSR, Ser. fiz.* 32 no. 6:983-987 Ja '68.
- Shchegolev, G. V. - Modified theory of a gyroresonance transverse wave tube. *Radio i Elektronika* 14 no. 1:183-186 Ja '68.

- 621.387 Gas-filled tubes, converters, thyristors
- Fedorov, S. D., and others. - Pyrolysis of organic with the use of plasmatron. *Izv. vuzovsk. radiofiz.* 11 no. 8:1057-1060 '68.

621.38 Telecommunication

- Levin, E. D. - Use of the Ruling about socialist state industrial enterprises at telecommunication enterprises. *Vest. svyaz* 24 no. 6:30-31 My '68.
- [Telecommunication] *Rad. zh.* "Elektronika" no. 3-7 Mr. -J '68.
- Kipberg, L. D. - Business accounting is the basic method of improving the work of telecommunication enterprises. *Vest. svyaz* 24 no. 8:10-11 My '68.
- 621.38(471.8) - Murmansk Province
- Kharin, I. M. - The telecommunication workers are improving their qualifications. *Vest. svyaz* 22 no. 8:26-27 My '68.

621.38(471.14) - Novosibirsk Province

- Gor'yachiy, L. - Novosibirsk "Obit." *Sov. korp.* 42 no. 13:40-41 D '68.

621.381 General electrical (communication) problems

- Abolite, A. L. - Selection of signals in a communication channel with a common nonlinearity. *Elektronika* 22 no. 11:18-22 D '68.
- Akhmedov, V. A. - Simplified methods for calculating nonlinear distortions and modes of generating tubes during the amplification of a single-band signal. *Elektronika* 22 no. 10:44-54 O '68.
- Akhmedov, V. A., and others. - Resolving capacity and accuracy of a method for normalizing the solution of convolution - type first-order integral equations. *Radio i Elektronika* 14 no. 1:177-180 Ja '68.
- Avtankin, V. I. - Accuracy of the transmission of code combinations through a binary channel. *Elektronika* 22 no. 11:23-29 D '68.
- Fedorov, V. L., and others. - Evaluation of interferences rejection of an energy receiver in detecting a noise-like pulse signal. *Radio i Elektronika* 14 no. 1:165-168 Ja '68.
- Orlov, V. A. - Principles of the design of the receiving equipment of long-distance radio communication systems. *Elektronika* 22 no. 10:17 O '68.
- Krasov, V. L. - High-speed-order characteristics of narrow-band stationary based random processes. *Radio i Elektronika* 14 no. 1:181-181 '68.
- Kononov, V. I. - Noise rejection in the reception of binary signals discrete information in channels with fading during simultaneous action of normal fluctuation and nonstationary distortions. *Elektronika* 22 no. 10:19-23 O '68.
- Lev, A. I. U., and others. - Energy spectra in relative phase and hybrid (amplitude-phase) key modulation. *Elektronika* 22 no. 11:11-17 D '68.
- Kosov, V. M. - Change in telegraph transmission speed during reception of fading signals. *Radio i Elektronika* 23 no. 11:92-93 N '68.
- Shchegolev, G. V., and others. - Interference rejection of code train regenerating systems. *Elektronika* 22 no. 10:18-18 O '68.
- Shchegolev, G. V. - Distortions of a Barker signal in an ideal linear system and an RC filter. *Radio i Elektronika* 22 no. 11:14-15 N '68.
- Tsvetkov, V. V. - Analysis of optimal networks for discrete signals reception with spectrum or three lumped background noise. *Elektronika* 22 no. 12:1-10 D '68.
- Tsvetkov, V. V. - Effect of noncorrelated noise interference on statistical phase characteristics of two Gaussian random processes. *Radio i Elektronika* 14 no. 1:63-74 Ja '68.
- Vainov, V. M. - Mutual relationships between statistical amplitude, angular, and phase characteristics of signals scattered by an extended body. *Radio i Elektronika* 14 no. 1:84-90 Ja '68.

621.38(471) - United States of America

- Petrov, S. M. - Electrical communication branches in the system of the monopoly capital of the U. S. A. *Uch. zap. Kazansk. univ. ser. fiz. i mat. nauk* 100 no. 2:14-26 '68.

621.384 Telegraphy

- Chernykh, R. V. - Calculation of amplified equalizers. *Vest. svyaz* 24 no. 8:30-31 My '68.
- Kozlovskiy, G. S. - Determination of the detection capability of a double binary code. *Elektronika* 22 no. 10:78-78 O '68.
- Shchegolev, G. V. - Effect of the periodic change of parameters on the correction capability of a resonant phase-locked device. *Radio i Elektronika* 23 no. 11:82-86 N '68.

621.38(471.43) - Khabarovsk Province

- Ivanov, E. G. - New method of organizing the labor of the technical personnel at the Khabarovsk telegraph office. *Vest. svyaz* 24 no. 8:5-6 My '68.

621.386 Telephony

- Chel'skiy, G. M. - Device for checking dialing errors. *Avtom., telex i svyaz* 12 no. 10:27-28 O '68.
- Device for checking PI selectors with a buzzer. *Avtom., telex i svyaz* 12 no. 11:18-20 N '68.
- Information on the development of wire communication systems abroad. *Avtom., telex i svyaz* 12 no. 11:47 N '68.

621.394 (Continued)

- Kuzhik, M. N., Kuzhik, R. R. - Some methods for switching in and adjusting AT&K 100/1000 exchanges. *Avtom., telei. i svyaz'* 12 no. 11:34-36 N '68.
- Parkratov, V., Krivtsov, M. - A simplified evaluation of channels. *Tekhn. i voornsh.* 26 no. 3:25-29 Mr '68.
- Petrovskii, I. P. - The technical condition of interurban telephone channels should be constantly improved. *Vest. svyazi* 26 no. 6:27-29 My '68.
- Riznikov, V. G. - Change in the circuit switch-circuit of a signaling machine. *Avtom., telei. i svyaz'* 12 no. 10:30-31 O '68.
- 621.396 Radiocommunications
- Astroskov, I. S. - Interference stability of carrier telegraphy in a channel with selective fading. *Radiotekhnika* 23 no. 11:47-53 N '68.
- Chagornov, I. D. - Automatic relay station in a magnetic-coupled plasma. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 1:50-55 '68.
- Dolgikh, V. L., Dolgikh, V. V. - Smoothness of volume control. *Radio* no. 11:34 N '68.
- Koz, A. I., Litvinenko, L. N., Shestopalov, V. P. - Diffraction properties of asymmetric metal tape arrays. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 1:118-120 '68.
- Yity-first anniversary of the Great October Revolution. *Radiotekhnika* 23 no. 11:1 M '68.
- Yilippov, I. A., Shaidorov, R. G. - Mechanized welding of flanges in the construction of radio towers. *Mosk. i spets. rab. v stroi.* 23 no. 8:18-20 My '68.
- Qonakov, S., Levitan, V. - The "Bokol-4" radio receiver. *Radio* no. 11:44-47 N '68.
- Ivanov, E. - "Double square" antenna for 28 mc band. *Radio* no. 11:19 N '68.
- Ivinskii, V. A. - Determination of the astronomical unit and orbital elements of Venus and of the earth by radar observations of Venus. *Dokl. Akad. Nauk SSSR* 11 no. 8: 368-378 '68.
- Kargopolov, T. - Results of the year of sports. *Radio* no. 11:10-11 N '68.
- Karpov, B. - Radio station using coaxial resonators. *Radio* no. 11:17-19 N '68.
- Kireev, A., Shchegolev, V. - Ultrashort wave radio station B-118. *Radio* no. 11:22-23 N '68.
- Karnesov, L. A. - Calculation of an intermediate stage of a transmitter. *Radiotekhnika* 23 no. 11:75-80 D '68.
- Konstantinov, V. D., Parameonov, V. K. - BCD 4/4 RAD antenna. *Vest. svyazi* 26 no. 6:14-16 My '68.
- Makimov, G. I. - Some problems in connection with the installation of a pencil-beam parabolic antenna on a space vehicle. *Kosm. issl.* 6 no. 8:785-791 S-O '68.
- Makshakov, I. D. - Calculation of radio interference of multi-channel FM radio relay systems. *Klektrosvyaz'* 22 no. 10:11-16 O '68.
- [Official time at mean moments of radio signal transmission] *Mosk. i spets. rab. v stroi.* 23 no. 8:18-20 My '68.
- Our consultations. *Radio* no. 11:41-43 N '68.
- Ovinnikov, A. I. - We are eliminating the faults of DRP6-63M and DRP6-63M train radio communication equipment. *Avtom., telei. i svyaz'* 12 no. 11:24-27 N '68.
- Plutskii, A. A. - *Ministerstvo Radio i Svyazi* "V. I. Lenin" on the 50th anniversary of its foundation. *Radiotekhnika* 23 no. 11:3-8 Ja '68.
- Potomov, V. G. - Multiplexing equipment of radio burst connecting lines. *Vest. svyazi* 26 no. 6:17-18 My '68.
- [Radio engineering] *Radiotekhnika* 23 no. 10 O '68.
- Radiocommunications, radio broadcastings, and television facilities should be developed and improved. *Vest. svyazi* 26 no. 6:1-3 My '68.
- Rizhov, K. M. - Study of a loop antenna. *Klektrosvyaz'* 22 no. 10:22-24 O '68.
- Rivkin, L., Galin, M. - Stereophonic amplifier with a shortwave receiver. *Radio* no. 11:23-24 N '68.
- Rodionov, I. A., Oshenko, V. A. - Prospects for short-term forecasting of ionospheric conditions affecting communication. *Klektrosvyaz'* 22 no. 10:28-32 O '68.
- Sovetskii, A. M. - Experience in using a composite automatic gain control system dependent on a pilot signal and side band spectrum. *Vest. svyazi* 26 no. 6:21-23 My '68.
- Stichik, I. U. - Optimal two-stage procedure in radio measurements with unknown signal-to-noise ratio. *Radiotekhnika* 23 no. 11:75-83 Ja '68.
- Sokol, L. G. - Parameters of antennas placed above a semiconducting plane interface. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 1:199-200 '68.
- Stukharich, K. S. - A diffractional correction applied in calibrating antennas by the "artificial moon" method. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 1:146-147 '68.
- Tarakanov, A. D., Nekrylov, M. I., Popov, M. I. - Standartization of transmitting equipment in long-distance shortwave radio communication. *Stand. i kaob.* 23 no. 12:10-14 D '68.
- Tshacko, A. - Letter to the editor. *Radiotekhnika* 23 no. 11:100-101 N '68.
- Twenty-fifth Scientific Session of the A. S. Popov Scientific and Technical Society of Radio and Electronics. *Radiotekhnika* 23 no. 11:102-104 N '68.
- V. I. Lenin and Soviet radio. *Radio* no. 11:3-4 N '68.
- Vainakhin, S. I., Kristanov, M. M., Shvachka, M. F. - Where should the loudspeaker be located? *Klek. i tept. tizn.* 12 no. 7:11 JI '68.
- Vobov, I. U. - When there is interference. *Tekhn. i voornsh.* 26 no. 3:4-6 Mr '68.

Vorb'ev, S. - Training radio receivers. *Radio* no. 11: 48-50 N '68.

621.396(477)—Ukraine M. S. R.

Retakhchenko, I. A. - About those whose life is ahead. *Sov. profsoyuz* 24 no. 17:10 S '68.

621.396(471.13)—Onak Province

Pogorelyi, I. - Training school. *Sov. profsoyuz* 24 no. 17:12-13 S '68.

Shugol', A. A. - We improve the quality of wire broadcasting. *Vest. svyazi* 26 no. 6:23-25 My '68.

621.397 Facsimile. Television

Abramovskii, A. M., Prokof'eva, V. V. - Application of television for the search of supernovae. *Izv. Krym. astrofiz. obser.* 20:153-155 '68.

Dernakova, T., Filippov, V. - Portable television receiver. *Radio* no. 11:20-22 N '68.

Isakovich, L. P. - Optimal parameters of time pulse and frequency modulation during the transmission of fixed images. *Klektrosvyaz'* 22 no. 10:43-47 O '68.

Murashov, V. - Television camera on the coast floor. *Radio* no. 11:34-36 N '68.

Shvartsov, G. A., Kirillov, M. S., Vasilevsk, V. D. - So that the television sets would work properly. *Vest. svyazi* 26 no. 6:26-28 My '68.

Xobol', B., Ergashov, M. - Color television in science and technology. *Radio* no. 11:23-24 N '68.

621.397(477.8)—Western Ukraine

Gushakov, V. - Cybernetics serves production. *Ochr. i tekhn. i spets. rab. v stroi.* 23 no. 8:18-20 Ja '68.

621.398 Telemetry. Telemetering

Artinov, V. A., and others. - Methods for connecting telemechanical equipment to the telephone communication channels in petroleum pipelines. *Tranzp. i khran. nefii i nefteprod.* no. 10:7-11 '68.

[Automatic control, remote control, and computer technology] *Radiotekhnika* 23 no. 11:1-11 N '68.

Usatov, A. A. - Determining optimum ratios of the geometric dimensions of a d.c. electromagnet. *Za tekhn. prog.* 6 no. 10:2-4 O '68.

Rogov, M. L. - Classes of mathematical models of the large systems. *Trudy Inst. gor. dala AN Kazakh. SSR* 23:98-99 '68.

Rogov, M. L. - Mathematical modeling of large systems with the parameter t in the reaction. *Trudy Inst. gor. dala AN Kazakh. SSR* 23:109-113 '68.

Samakov, A. B., Nikitich, E. A. - Telemetering of a cathode protection station with frequency division of communication channels. *Tranzp. i khran. nefii i nefteprod.* no. 10:27-30 '68.

621.4 Internal combustion and other special engines

[Aircraft and rocket engines] *Radiotekhnika* 23 no. 11:1-11 N '68.

Fedorov, S. S. - Ways to increase the accuracy of action of the cylinder and piston in repairing automobile engines. *Uch. zap. Mosk. gos. un.* no. 63:800-803 '67.

Orlovskiy, V. A. - Engine selection for high-speed underwater apparatus. *Glitrodin. bol'shor.* no. 4:126-128 '68.

[Heat engineering] *Radiotekhnika* 23 no. 11:1-11 N '68.

621.43 Internal combustion engines

Abashkin, A. I., Rykhachuk, A. B. - Studying the effect of heat on foundations of gas-turbine units. *Stroi. i tekhn. i spets. rab. v stroi.* 23 no. 8:17-20 Ja '68.

Akhmetov, V. V., Ramanov, S. M. - Improvement in the magnetic drive mechanism of the PD-100 starting engine. *Trakt. i avtomatizatsiya* no. 7:24 JI '68.

Anisimovich, S. A., Petrov, Y. P. - Causes of the occurrence of natural oscillations in automatic water temperature control systems in the cooling of marine diesel engines. *Trudy TSNIMF* 14 no. 66:43-48 '68.

Anisimovich, S. A., Petrov, Y. P. - Static design of the automatic control system of water temperature in diesel engine cooling. *Trudy TSNIMF* 14 no. 66:2-12 '68.

Artem'ev, L. V., and others. - Prospects of improving the binary TskTI-LM gas steam unit. *Knergomashinostroyeniye* 14 no. 7:30-31 JI '68.

Astaf'ev, V. I., Akilov, Sh. V. - Determining the flow of combustion products through the GT-700-S gas turbine unit. *Gaz. prom.* 13 no. 6:11-13 Ja '68.

Balkov, B. P., and others. - New family of high-speed diesel engines with 500 - 3,000 effective hp at 1,500 rpm. *Knergomashinostroyeniye* 14 no. 7:31-33 JI '68.

Bilchinskii, R. M. - Developing the methods for determining the operational indicators of gas-turbine units used for driving centrifugal superchargers. *Trudy MINKHIMP* no. 47:160-171 '64.

Borodakid, G. I., and others. - Methods for designing combustion chamber mixers in gas turbine engines. *Knergomashinostroyeniye* 14 no. 8:10-12 S '68.

Bosha, M. A., Balashov, B. A. - Properties of aluminum and tin alloys under raised temperatures. *Vest. TSNIMF* 27 no. 8:39-48 '68.

Chirkin, A. P., and others. - Measures in increasing the efficiency of the 10D100 diesel operating on low r.p.m. *Klek. i tept. tizn.* 12 no. 7:9-11 JI '68.

Dekhorich, D. A., and others. - Investigating crankcase ventilation systems of combined internal combustion engines. *Izv. vyz. ucheb. zav. i radiofiz.* no. 9:100-104 '68.

Fridrich, A. M. - Improving certain indicators of a two-shaft gas turbine engine by transferring power between the turbines. *Avi. prom.* 24 no. 8:10-13 Ag '68.

Yruskin, V. B. - Start and control system of a multi-shaft gas turbine unit of high capacity. *Knergomashinostroyeniye* 14 no. 8:47-48 S '68.

Galanda, A. A. - Equations of the dynamics of a diesel generator with gas-turbine supercharging. *Trudy TSNIMF* 14 no. 66:104-117 '68.

Gans, S. M., and others. - Removal of nitrogen oxides, sulfur dioxide and sulfuric acid mist and sprays from exhaust gases using post-alkali sorbents under plant conditions. *Zhar. prid. khim.* 41 no. 4:720-726 Ap '68.

Orlin, M. M., Mikolashko, A. V., Popov, L. M. - Investigating the operation of an engine with light fuel injection in the starting system and in the cylinders. *Avi. prom.* 24 no. 8:7-9 Ag '68.

Gondchar, B. M. - Numerical simulation of the diesel engine operation process. *Knergomashinostroyeniye* 14 no. 7:34-35 JI '68.

Gurevich, A. M., Bolokov, A. K. - Study of the effect of different methods of boosting engine power on the temperature of the parts of the boosting-piston group. *Trakt. i avtomatizatsiya* no. 7:18-19 JI '68.

Il'inskiy, V. A. - Four-cycle diesel engines of the ChK20/24 type. *Knergomashinostroyeniye* 14 no. 8:1-3 S '68.

[Internal combustion engines] *Radiotekhnika* 23 no. 11:1-11 N '68.

Ivanov, V. P. - Leakage of gases into the water cooling system of the 10D100 diesel engine. *Klek. i tept. tizn.* 12 no. 7:45 JI '68.

Kalashnikov, D. D., Pily, A. E. - Analytical method for complex determination of the optimal parameters of a simple regenerative gas turbine system. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 10:23-24 O '68.

Kalishin, M. S., Zaitsev, I. U. A. - Experience in operating GT-700-S gas-turbine units. *Gaz. prom.* 13 no. 8:8-10 Ja '68.

Kirpichov, V. - Exhaust gases become harmless. *Klek. i tept. tizn.* 12 no. 10:37 O '68.

Kozhanchikov, V. I., Akhmetov, A. V. - Study of the work efficiency and friction of oil control piston rings. *Trakt. i avtomatizatsiya* no. 7:18-19 JI '68.

Kozlov, A. K., Kirmakchov, K. B. - Determining thermal stress of internal combustion engines. *Izv. vyz. ucheb. zav. i radiofiz.* no. 8:55-56 O '68.

Kozlov, L. A., Kosolov, I. D. - Effect of the dependence of the aerodynamic characteristics of materials on the aerodynamic temperature fields turbine blades. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 10:128-131 O '68.

Krakov, V. I., Rybal'chenko, A. G. - Investigating the operation of a combined engine with a controlled supercharger. *Izv. vyz. ucheb. zav. i radiofiz.* no. 9:108-109 '68.

Kublanov, V. L. - Typical progressive technological processes for machining cylinder sleeves. *Trakt. i avtomatizatsiya* no. 7:20-21 JI '68.

Lavrenko, K. M., Chervina, V. P. - Determining the optimum chord line in shrouded stages with blade cascades. *Knergomashinostroyeniye* 14 no. 9:23-24 S '68.

Lobanov, L. M., Rudnikh, I. U. A. - Study of nonstationary thermal stresses in a turbine blade using a photoelasticity technique. *Teplotengizika* 15 no. 8:83-85 S '68.

Lokachov, V. P., Shchegolev, V. R. - Determining mechanical power losses of an internal combustion engine by the running-down method using an ISU-3 electronic digital computer. *Avi. prom.* 24 no. 8:9-11 S '68.

Mikhalev, M. G., Shchegolev, D. I. - Prospects for using gas turbine motors in driving automatic cooling systems. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 10:164-170 O '68.

Med, G. D., Freidlin, B. M. - Pressure regulator with power feedback. *Knergomashinostroyeniye* 14 no. 8: 54-57 S '68.

Mikhalev, S. V., Spasenko, I. A., Freidman, I. U. L. - Technical and economic efficiency of gas turbine automobile engines. *Avi. prom.* 24 no. 8:6-7 Ag '68.

Mironov, M. L. - Some peculiarities of carburation and design of diesel engine combustion chambers. *Avi. prom.* 24 no. 8:7-9 S '68.

Orlin, A. S., Zaremkin, V. G. - Determining causes of jamming of oil lubricating rings in high-speed diesel engines. *Knergomashinostroyeniye* 14 no. 9:13-14 S '68.

Pokrovskii, V. A. - Selecting the material for cast iron camshafts of automobile engines. *Avi. prom.* 24 no. 8:24-26 Ag '68.

Replies to the inquiries of our readers. *Klek. i tept. tizn.* 12 no. 7:44 JI '68.

Shchegolev, L. T., Pilychik, V. M. - Effect of technological factors on the life of piston pairs reconstructed by chrome plating. *Trudy Klek. i tept. tizn.* 12 no. 7:104-110 '68.

Sagarda, A. A., and others. - Machining of piston rings in diamond-coated sleeves. *Avi. prom.* 24 no. 8:23-25 Ag '68.

Sakharov, K. B. - Effect of advanced exhaust on the operation of a two-cycle gas engine with inflow valve scavenging. *Knergomashinostroyeniye* 14 no. 9:40-48 S '68.

Shchegolev, G. S., Shchegolev, L. P. - Effect of cooling on the characteristics of a high-temperature gas turbine system. *Izv. vyz. ucheb. zav. i radiofiz.* 11 no. 10:20-28 O '68.

Serut'akov, S. I. - Reliability and durability of 3D400 diesel crankshafts. *Stand. i kaob.* 23 no. 12:11 D '68.

Shchegolev, K. A., Shchegolev, K. K. - Comparative analysis of methods to increase the per liter capacity of tractor diesel engines. *Trudy Un. druzh. nar.* 24:116-127 '67.

Shchegolev, I. K. - Improving the stability of high-speed characteristics and the uniformity of cycle feed in the fuel system. *Avi. prom.* 24 no. 8:4-5 Ag '68.

621.43 (Continued)

- Sukrelin, A. A., Tsingol'd, M. Sh., Akmal'rod, M. L. - Partial destruction of the antifriction layer in diesel engine sliding bearings. *Energomashstroenie* 14 no. 23-25 5 '68.
- Smirnov, M. S., Ocherednyy, L. T. - Effect of the coolant temperature on the wear and deposits of a diesel engine. *Avi. prom.* 34 no. 3-4 Ag '68.
- Tregel'vich, A. D. - Indicator engine efficiency in variable operating conditions. *Trudy VSNKh* 14 no. 94 44-52 '68.
- Velikikh, L. S., and others. - Methodology of rapid calculation of the life of tractor engines. *Trakt. i mashinost.* no. 73-8 J1 '68.
- Zakhar, L. F. - Possibilities of improving power and economy indices of an engine by changing the combustion chamber. *Trudy Otd. druzh. nar.* 24:104-108 '67.

621.43(471.36)—Thrusts and Pressures

- Chernykh, G. D., and others. - Selection of intake duct diameters for four-cycle engines of the Yaroslavl Engine Plant. *Avi. prom.* 24 no. 943-7 5 '68.

621.43(473.26)—Armaments S. S. R.

- Arman, P. - Effect of operating conditions of motor vehicles on air pollution in the city of Erivan. *Prom. Arm.* 10 no. 4-54-57 '68.

621.45 React and jet engines

- A dependence of the speed of the rotor on the speed of the jet. *Avi. prom.* 24 no. 943-7 5 '68.
- Grigor'ev, V. A. - Evaluating technical and economic indices of hydraulic jet engines of the hydrojet rocket type. *Gidrodin. i tekhn.* no. 4:133-143 '68.
- Kukharov, V. L., Pavlov, V. - After prolonged storage. *Trakt. i mashinost.* no. 3:35-37 Mr '68.

621.45 Pneumatic energy. Machines. Refrigeration. Heat pumps

- Abatidze, A. I., Melnikova, A. B. - Studying the effect of heat on functions of gas-turbine units. *Stroitel. mashinost.* II no. 4:17-20 Je '68.
- Belikov, M. L. - Method for technical and economical comparison of power drives in gas-pipeline compressor stations. *Trudy MASHINOPROEKT* no. 47:134-135 '68.
- Bukharin, R. M. - Developing the methodology for determining the operational indicators of gas-turbine units used for driving centrifugal superchargers. *Trudy MASHINOPROEKT* no. 47:150-171 '68.
- Davydov, I. U. - Unit for remote measuring, recording, and control of relative air humidity. *Khol. tekhn.* 48 no. 10-17-30 O '68.
- Golovin, V. V. - Comparison of pneumatic-pressure throttle separators. *Izv. vyz. ucheb. zav. i mashinost.* no. 3-63-64 '68.
- Gorshkov, V. L., Popov, B. G., Yarevkin, V. M. - Classification of loose materials in pneumatic-conveyer pipes. *Tec. osnovy khim. tekhn.* 5 no. 8:603-606 M-D '68.
- [Journal of abstracts: Manufacture of pumps and compressors] *Ref. zhurn. i mashinost. i kompressorost.* no. 1 J '68.
- Knoskova, O. S. - The procedure for repair of the feeding industry. *Khol. tekhn.* 48 no. 10:23-24 O '68.
- Koval'skiy, V. V., Polikarov, A. K. - Radiation and methods for determining the efficiency of a compressor stage by measuring total temperature increases. *Izv. vyz. ucheb. zav. i mashinost.* II no. 10:71-76 O '68.
- Kravets, X. I. - Heat transfer and aerodynamic resistance of sections of diesel locomotive conductors. *Vest. TSMU* MFS 37 no. 8:16-20 '68.
- Lubetsk, V. D. and others. - Determining the capacity of a non-crowned piston vacuum pump with a piston type slide valve. *Izv. vyz. ucheb. zav. i mashinost.* no. 8:75-81 '68.
- Medyvedskiy, A. - Development of a correcting signal in independently coupled control systems. *Prom. Arm.* 10 no. 10:15-16 '68.
- Manufacture of pneumatic hand tools, pneumatic vibrators and construction finishing machines manufactured by the enterprises of the Ministry of Construction and Road Machinery. *Stroitel. i dor. mashin.* 13 no. 11:34-38 M '68.
- Olefin, A. G. - Probable operational reliability characteristics of basic components of the K-280 motor turbo-compressor. *Stroitel. i tekhn.* 32 no. 10-24 O '68.
- Parol, A. A. - Effect of design parameters of the pneumatic drive with braking at the end of the stroke on the speed of the piston. *Avi. prom.* 34 no. 3-4 Ag '68.
- Prokhorov, G. I. A., Gortunova, G. M. - Accelerated assembly of the compressor station No. 10 in the Bakhra-Ural gas pipeline. *Stroitel. i tekhn.* II no. 3:23-24 Mr '68.
- Pushkin, V. A., Shchepovalov, V. D. - Analysis of one system of automatic temperature regulation in coolants. *Trudy VSNKh* no. 10:194-228 '67.
- Safety rules in automatic refrigerating plants. Part 2. *Khol. tekhn.* 48 no. 10:43-49 O '68.
- Sedukh, V. A., Koval'skiy, A. A., Malin, B. K. - Some characteristics of a conical diffuser with pulsating flow. *Izv. vyz. ucheb. zav. i mashinost.* II no. 10:78-81 O '68.
- Selenev, I. V., Smith, L. L. - Thermoresistors in temperature study of a motor vehicle. *Avi. prom.* 34 no. 3-4 Ag '68.
- Marin, V. M. - Reports presented to the 7th Commission of the USSR International Congress on Refrigeration. *Khol. tekhn.* 48 no. 10:44-46 O '68.

Shaffer, M. L. - Design of wind and its role in the energy system of agriculture. *Mashin. i tekhn. VSNKh* 20-23-25 '67.

- Shastar, L. - The market of home refrigerators. *Sov. torop.* 48 no. 11:47-48 D '68.
- Shelov, A. D., Gishkov, S. D. - Operating cycle of an expansion machine. *Izv. vyz. ucheb. zav. i mashinost.* no. 8: 87-91 '68.
- Tarashkiy, M. P. - Measuring the weight concentration of fibers in pneumatic systems. *Tekhn. prom.* 36 no. 10: 41-48 O '68.
- Vladimirov, B. M., Nigamov, L. L. - Properties of yarn produced by the pneumatic method. *Tekhn. prom.* 36 no. 10:49-53 O '68.

621.5(410)—White Russia S. S. R.

- Ashtey, V. M., Usenko, V. G. - Automatic control for testing of household compressor refrigerators. *Khol. tekhn.* 48 no. 10:39-41 O '68.

621.5(477)—Ukraine S. S. R.

- Grabovskiy, T. I. - Control weighing of metal. *Khol. tekhn.* 48 no. 10:50 O '68.

621.5 Field detection. Storage containers. Pipes. Pumps

- Ashtey, V. M. - Hydraulic drive system with a central pumping plant. *Mash. i tekhn. VSNKh* 36 no. 10:12-15 M '68.
- Ashtey, V. M., Kallada, R. K. - A method for controlling the condition of insulation of motors of submersible electric pumps. *Za tekhn. prog.* 8 no. 10:12-15 O '68.
- Ansov, P. - and others. - Work achievements in honor of the 1st Congress of the CPSU. *Stroitel. i tekhn.* II no. 4:4-5 Ap '68.
- Babitskiy, K. I. - Sealing of cracks in ferroconcrete storage tanks by sodium silicate cement slurries. *Stroitel. i tekhn.* II no. 3:35-37 Mr '68.
- Belikov, M. L., Litvitskiy, L. S. - Possibility of welding DSHMP steel pipes without heat treating the welded joints. *Energ. stroit.* no. 3:27-28 '67.
- Bukharin, R. M. - Refining the methodology for determining the effectiveness of the industrialization of construction work. *Stroitel. i tekhn.* II no. 3:7-9 Mr '68.
- Burakov, V. P. - Industrialization of the assembly of oil-field terminal-pressure pumping plants. *Stroitel. i tekhn.* II no. 3:27-28 Mr '68.
- Burakov, V. P., Gulyaeva, L. G. - Critical resistances and critical rates of fluidization of fine-grain material in central apparatus. *Mash. i tekhn. VSNKh* 36 no. 10:12-15 O '68.
- Belikov, M. L. - Optimal dimensions of vertical cylindrical steel tanks. *Prom. stroit.* 48 no. 5:19-23 '68.
- Duganov, V. P., Prizantsev, V. P. - Determination of the force of the action of a gas stream on the plate of the safety valve. *Izv. vyz. ucheb. zav. i mashinost.* no. 8: 82-84 '68.
- Chernodubov, P. P., Khochkov, V. P. - Coiling a cast-iron pipe by heating. *Mash. i tekhn. VSNKh* 36 no. 10: 28 Je '68.
- Dudkov, V. A., Chisov, P. I. - Gas pipelines ought to be tested for strength only. *Stroitel. i tekhn.* II no. 3:34 Mr '68.
- Dygin, A. P., Kartalov, G. I. - Exhibition on the theme "Safety engineering and industrial sanitation in the construction and building materials industries." *Stroitel. i tekhn.* II no. 3:31-32 Mr '68.
- Khabibov, S. V. - General-purpose adapters for the welding of pipes made of thermoplastic resins. *Mash. i tekhn. VSNKh* 36 no. 10:12-15 M '68.
- Krasnaya, M., Kromosheva, M. - Devices for cleaning the pipelines. *Mashin. i tekhn. VSNKh* 36 no. 10:12-15 M '68.
- Filipov, I. P. A., Shchepovalov, V. D. - Mechanized welding of flanges in the construction of radio towers. *Mash. i tekhn. VSNKh* 36 no. 10:12-15 M '68.
- Fursov, I. E. - Improving the design of hydraulic safety valves of gas-distribution stations. *Gas. prom.* 13 no. 8:23 Je '68.
- Gulakov, V. P. - Economic relations between organizations should be regulated. *Stroitel. i tekhn.* II no. 3:28-29 Je '68.
- Gas industry in the new five-year plan. *Stroitel. i tekhn.* II no. 4:1-3 Ap '68.
- Gushkin, G. L. - Breaker "Construction of pipelines in difficultly penetrable terrain." *Stroitel. i tekhn.* II no. 3: 17 Mr '68.
- Gusev, L. Kh. - Index of specifications for the products manufactured by the enterprises of the Ministry of the Gas Industry. *Stroitel. i tekhn.* II no. 4:37 Ap '68.
- Gusev, L. Kh. - Studying and analyzing the performance of high-pressure feed pumps in the electric power systems of the Azerbaijan S. S. R. (Azerbaijan). *Za tekhn. prog.* 8 no. 10:12-15 O '68.
- In honor of the 23d Congress of the CPSU. *Stroitel. i tekhn.* II no. 3:3-5 Mr '68.
- Prokhorov, V. D., Krasnaya, M. - Horizontal butt welding of girth joints. *Energ. stroit.* no. 3:23-27 '67.
- [Journal of abstracts: Manufacture of pumps and compressors] *Ref. zhurn. i mashinost. i kompressorost.* no. 1 J '68.
- Kapita, D. F., Lokshin, R. F. - Effect of edge effect on the strength of butt joints of the pipelines made from thermoplastics. *Stroitel. i tekhn.* II no. 3:11-13 Je '68.
- Kalita, O. Kh., Karamashko, V. V. - Evaluating the quality of a gas pipeline being laid into operation. *Stroitel. i tekhn.* II no. 4:38-40 Ap '68.
- Kosyrev, M. A., Farshteyn, F. M. - Studying the load-carrying capacity of welding joints of marine underwater pipelines. *Stroitel. i tekhn.* II no. 4:28-33 Ap '68.

Khata, A. M. - Methods for experimental determination of volume loss in centrifugal pumps. *Energomashstroenie* 14 no. 23-25 5 '68.

Kharondzhenko, F. A. - Evaluation of existing methods of heating during heat treatment of pipeline joints at thermal electric power plants. *Energ. stroit.* no. 12: 75 '67.

Kosobkov, A. A., Muzeremov, A. S., Sarkis'yan, M. G. ARKH-3 automatic recorder of characteristics. *Trudy MASHINOPROEKT* no. 47:108-111 '68.

Kulizade, K. M., Tshaturian, I. A. Calculating the capacity of an electric motor for driving a centrifugal pump. *Transep. i khim. i nefteprod.* no. 6:28-31 '68.

Kuperman, I. A. M. - Economic levers in construction. *Stroitel. i tekhn.* II no. 3:3-5 Mr '68.

Lesnel'trot, L. S. - Further increase in the level of industrialization in pipelining. *Mash. i tekhn. VSNKh* 36 no. 10:12-15 M '68.

Levashov, A. M., Sviridov, V. P. - Spreading up the discharging of viscous petroleum products from railroad tank cars by using distributing preheaters. *Transep. i khim. i nefteprod.* no. 8:17-20 '68.

Morozov, B. A., Tumazdas, O. M. - Unit for the application of gas to storage tanks and an apparatus for drying sand. *Stroitel. i tekhn.* II no. 4:22-23 Ap '68.

Muraviev, A. V. - Insulating machinery should conform to the requirements of safety engineering. *Stroitel. i tekhn.* II no. 4:28 Ap '68.

Nechayev, M. A. - Application of a second layer of brick upon highly strengthened insulation of city gas mains is not necessary. *Stroitel. i tekhn.* II no. 4:24 Ap '68.

Netfeld, I. M. - KID-310 gamma-ray detector for controlling the quality of welding joints of pipelines. *Stroitel. i tekhn.* II no. 4:38 Ap '68.

Olefin, A. G. - Difficulties in fulfilling planning objectives should be eliminated. *Stroitel. i tekhn.* II no. 4:31 Ap '68.

Partermak, I. E. - New regulations for the financing of construction. *Stroitel. i tekhn.* II no. 4:6-8 Ap '68.

Petrov, L. P. - Projection of a robed cross-section taking account horizontal displacement of foundations (Mashinost). *Stroitel. i tekhn.* II no. 3:18-21 Mr '68.

Petrov, M. A. - Measures for pipeline workers should be planned as fully prefabricated. *Stroitel. i tekhn.* II no. 3: 34 Mr '68.

Pneumatic energy accumulator. *Energ. stroit.* no. 3:28-31 Mr '68.

Popov, V. V. - Closing device for pipelines. *Transep. i khim. i nefteprod.* no. 6:30-31 '68.

Prokhorov, B. M. - Heat protection of sliding friction bearings of pump units. *Transep. i khim. i nefteprod.* no. 6:28-31 '68.

Prokhorov, G. I. A., Gortunova, G. M. - Accelerated assembly of the compressor station No. 10 in the Bakhra-Ural gas pipeline. *Stroitel. i tekhn.* II no. 3:23-24 Mr '68.

Rabinovich, E. K., Valov, D. P. - Studying the performance of a gear pump in pumping bitumen-rubber insulating materials. *Transep. i khim. i nefteprod.* no. 6:28-31 '68.

Rabinovich, E. K., Lokshin, R. F. - Pipes from nonmetallic materials. *Mash. i tekhn. VSNKh* 36 no. 10:28-31 Je '68.

Rivkin, P. R. and others. - Results of testing the speed control unit for low filling of tank trucks. *Transep. i khim. i nefteprod.* no. 6:23-26 '68.

Rogovskiy, B. G. - Equipment for machining butt end of pipes for welding in assembly work. *Energ. stroit.* no. 3:24-26 '67.

Rydkina, V. G., and others. - New high-duty unit for resistance welding of oil- and gas-field pipelines. *Stroitel. i tekhn.* II no. 4:28-30 Ap '68.

Schepovalov, V. D., Krasnaya, M. A. - Device for repairing pipeline valve gates. *Transep. i khim. i nefteprod.* no. 6:28-31 '68.

Shvedov, I. U. - New trucks for the pipeline construction industry. *Stroitel. i tekhn.* II no. 4:18-19 Ap '68.

Supports for horizontal tanks. *Bim. stroit. i tekhn.* 36 no. 10:24-26 O '67.

Talagin, L. G. - Use of network schedule graphs in the construction of the line portion of pipelines. *Stroitel. i tekhn.* II no. 4:30-32 Ap '68.

Tamsh, S. G. - Inspection of gas bottles ought to be regulated. *Stroitel. i tekhn.* II no. 3:30-31 Mr '68.

Tamsh, V. K. - Efficiency of jet pumps. *Izv. vyz. ucheb. zav. i mashinost.* no. 11:85-180 '67.

Tshobanov, S. I. A., Rodionova, M. M., Nechaev, M. A. - Comparative evaluation of the effectiveness of controlling welding joints by magnetography and gamma-graphic methods. *Stroitel. i tekhn.* II no. 3:11-13 Je '68.

Tshobanov, S. I. A., Rodionova, M. M. - Protective guard of section dredges operating on fill dams of offshore oilfields. *Korr. i zakr. v nefteprod. prom.* no. 3: 22-24 '68.

Tshobanov, S. I. A. - Evaporator for liquefied propane or butane using indirect heating. *Trudy MASHINOPROEKT* no. 47:173-180 '68.

Tshobanov, S. I. A., Rodionova, M. M., Nechaev, M. A. - Studying the resistance of polyethylene pipes to the influence of petroleum. *Stroitel. i tekhn.* II no. 4:24-28 Je '68.

Vlasov, B. M., and others. - Testing the strength of external flow lines of explosionproof electrical motors. *Vysv. elektr.* no. 8:194-196 '67.

Vladimirov, V. I. A. - Device for making fittings from polyethylene and vinyl resin pipes. *Mash. i tekhn. VSNKh* 36 no. 10:28 Je '68.

Vlasov, B. M. - Determining optimum characteristics of pipeline pumping units. *Transep. i khim. i nefteprod.* no. 6:16-18 '68.

We should apply all our power, experience, and knowledge to fulfilling the objectives of the new five-year plan. *Stroitel. i tekhn.* II no. 3:11-13 Mr '68.

621.8 (Continued)

Khlasovich, G. V. - Basic trends in mechanization in the new five-year plan. *Stroi. truboprov.* II no. 3: 1-8 Ja '66.

Zinovich, A. M. - Effect of the conditions of treatment and transportation on the quality of stabilized polyethyl ure applied for the insulation of pipelines. *Stroi. trub.* II no. 3: 13-16 Mr '66.

621.6(42)—United Kingdom and Northern Ireland

Mikhailov, A. G. - Construction of a pipeline with many crossings. *Stroi. truboprov.* II no. 4: 40 Ap '64.

621.6(437)—Czechoslovakia

Kramarik, S., Mojzisek, Z. - Gas pipelines from the Soviet Union to Czechoslovakia. *Stroi. truboprov.* II no. 6: 9-11 Ja '66.

621.6(477.8)—Western Ukraine

Kramarik, S., Mojzisek, Z. - Gas pipeline from the Soviet Union to Czechoslovakia. *Stroi. truboprov.* II no. 6: 9-11 Ja '66.

621.6(478.34)—Azerbaijan S.S.R.

Marimov, A. A. - Efficient routes for gas networks in the Azerbaijan S.S.R. *Stroi. truboprov.* II no. 6: 12-18 Ja '66.

621.6(478.36)—Armenia S.S.R.

Valentin, M. - Possibilities of regulating the Krivan gas reservoir. *Prom. Arm.* 10 no. 6: 24-27 '66.

621.6(482)—Netherlands

Mikhaylov, M. G. - Crossing peat-soil areas in the construction of a gas pipeline in the Netherlands. *Stroi. trub.* II no. 3: 24-27 Mr '66.

621.6(57)—Astelle U.S.S.R.

Stavitski, G. B., Mokodimov, V. F. - Improved organization of assembling and rotation welding of 1,020 mm pipes. *Stroi. truboprov.* II no. 6: 21-23 Ja '66.

621.6(571)—Austria R.S.F.S.R.

Efficient pipelaying systems in Western Siberia and the Far North. *Stroi. truboprov.* II no. 4: 14-16 Ap '66.

621.6(571.13)—Tyumen' Province

Beloborodov, S. D. - Laying a pipeline across a marshy section. *Stroi. truboprov.* II no. 6: 30 Ja '66.
Rubtsov, V. I. - Organizing laying operations. *Stroi. truboprov.* II no. 6: 29 Ja '66.

621.6(571.13)—Omsk Province

Rubtsov, V. I. - Organizing laying operations. *Stroi. truboprov.* II no. 6: 29 Ja '66.

621.6(571.14)—Novosibirsk Province

Isaev, M. K. - Controlling the accuracy in the trenchless method of laying pipelines. *Izv. vuz. ucheb. zav. i stroit. stikh.* 10 no. 11: 112-115 '67.

621.6(571.8)—Soviet Far East

Tanakov, A. P. - Laying the second section of the Okta-Komsomolsk petroleum pipeline. *Stroi. truboprov.* II no. 6: 33-34 Ja '66.

621.6(574)—Kazakh S.S.R.

Mikhaylov, G. M. - Construction of facilities for the gathering and transportation of oil in the Mangyshlak Peninsula. *Stroi. truboprov.* II no. 6: 34-36 Ja '66.

621.7 Workshop practice. Plastic welding, forming
Belashvili, I. U. B., and others. - Problem of power loss due to motor vehicle vibrations. *Avi. prom.* 34 no. 6: 14-18 S '66.

Egorov, I. M. - Heat treatment of hard-faced dies. *Stroi. truboprov.* II no. 11: 32-34 M '66.

Mikhailov, V. A. - Effect of the degree tool standardization on their production cost. *Stand. i kach.* 23 no. 10: 44-45 O '66.

621.73 Forges. Forge and hammer work

Mogilyanskii, K. M. - Quality blanks for turbine and compressor blades. *Mashinostroitel'* no. 9: 24-26 S '66.

Dagelstala, M. A. - Use of epoxy resins in the making of dies. *Mashinostroitel'* no. 9: 31-32 S '66.

Pei'gandier, E. G., Kareva, E. M. - Effect of the temperature conditions of forging on the structure and properties of 12Kh18N9T steel. *Stroi. truboprov.* II no. 3: 26-27 '67.

Kanara, S. M., and others. - Hard alloy dies for cold die pressing. *Mashinostroitel'* no. 9: 31-32 S '66.

Wozar, A. I. A. - Determining dimensions of a die impression. *Avi. prom.* 34 no. 6: 28-40 S '66.

Mokodimov, S., and others. - Effect of thermomechanical parameters in forging on the quality of disks made of chromo-alumel-tungsten steel. *Prom. Arm.* 10 no. 6: 66-67 '66.

621.73(477)—Ukrainian S.S.R.

Aliev, V. A., Ratakhov, M. M., Tikhonov, M. M. - Possibilities of increasing labor productivity in forge shops. *Kom. i org. prom. prot.* no. 3: 16-17 '66.

621.74 Foundries. Foundry work

Abrahamson, I. D. - Technology of producing ceramic cores for precision casting. *Lit. prot.* no. 1: 4-7 Ja '66.

Anisovich, G. A. - Estimating the surface temperature of a moist foundry mold during metal pouring. *Dokl. AN BSSR* II no. 2: 235-237 Mr '66.

Balaadin, G. P., Balikov, O. A. - Trends in the development of molding lines. *Izv. vuz. ucheb. zav. i mashinost.* no. 9: 189-190 '66.

Baranov, A. A., Babin, K. P. - Growth mechanisms in cast iron and graphitized steel. *Lit. prot.* no. 1: 32-33 Ja '66.

Bel'shalov, I. F., Sviridkin, B. K. - Automatic line for molding, assembling, and shakeout of castings. *Lit. prot.* no. 1: 16-19 Ja '66.

Borjakov, G. L., and others. - Production of shell cores in hot boxes on the 4841 semiautomatic machines. *Avi. prom.* 34 no. 6: 28-36 S '66.

Boroditskiy, B. I. A. - Technology of manufacturing hollow stone castings. *Lit. prot.* no. 10: 12-14 O '61.

Boroditskiy, B. I., Mikhaylov, V. A., Rukhin, K. M. - Production of molds and cores with sodium silicate mixtures in iron foundries. *Lit. prot.* no. 1: 12-13 Ja '66.

Chernobrovskiy, V. P. - Preshrinking expansion and shrinkage cavity. *Lit. prot.* no. 10: 48 O '61.

Chernogorov, P. V., Mikhaylov, A. P. - Mechanism of hardening of self-hardening of self-hardening sands. *Lit. prot.* no. 8: 34-35 Ag '66.

Chardov, M. M., Doroshenko, I. V., Kravchenko, G. G. - Influence of the methods of estimating on the quality of castings. *Lit. prot.* no. 11: 33 N '66.

Chernobrovskiy, V. A. - Proposals regarding production volume indices in foundries. *Lit. prot.* no. 10: 16-17 O '61.

Chetverzhinskiy, S. I. - Accuracy and clearance of casting technology. *Lit. prot.* no. 10: 44-45 O '61.

Darashvili, V. F., Rubtsov, V. E., Gubenko, V. A. - Improving cast iron melting processes in 20-ton cupolas. *Lit. prot.* no. 8: 40-41 Ag '66.

Vremis, G. L. - Iron foundry of mass production. *Lit. prot.* no. 11: 13-16 N '66.

Fukler, V. A. - Continuous yield of metal from cupola hearths. *Lit. prot.* no. 10: 10-12 O '61.

Fukler, V. A. - Efficient shape of the section of large cupola shafts. *Lit. prot.* no. 1: 16-18 Ja '66.

Futorkin, M. E. - Device for measuring the speed of pressing during casting under pressure. *Uch. zap. Mord. gos. un.* no. 2: 104-107 '67.

Garkusha, I. T. - Production of highly overheated cast iron in cupolas. *Lit. prot.* no. 10: 18-20 O '61.

Gerasimov, A. V. - Using aluminum sulfate for water-soluble cores. *Lit. prot.* no. 11: 37 M '66.

Gerasimov, S. I. A. - Index of the production volume in foundries. *Lit. prot.* no. 10: 14-16 O '61.

Gerasimov, M. G., Gerasimovskiy, M. P. - Brittles and tough state of nodular iron. *Lit. prot.* no. 1: 22-23 Ja '66.

Gorshkov, A. A., and others. - Influence of magnesium on the properties of secondary aluminum alloys. *Lit. prot.* no. 11: 22-23 M '66.

Gorshkov, A. A. - Foundry Production Institute of the Academy of Sciences of the Ukrainian S.S.R. *Lit. prot.* no. 1: 48-49 Ja '66.

Great prospects for the expansion of foundry production. *Lit. prot.* no. 10: 1-2 O '61.

Gronykh, I. V., and others. - Improving the quality of thin-walled castings in GIL steel. *Lit. prot.* no. 8: 37-38 Ag '66.

Gusev, V. V. - Production of steel and iron castings with sodium silicate mixtures without using carbon dioxide. *Lit. prot.* no. 11: 14-15 Ja '66.

Iatzenko, A. I. - Chemical microheterogeneity of the matrix in malleable cast iron. *Lit. prot.* no. 11: 30-31 Ja '66.

Improves the specialization of foundry production. *Lit. prot.* no. 11: 1 Ja '66.

Isakov, D. P. - 8th International Congress of Foundry Workers. *Lit. prot.* no. 10: 44-47 O '61.

Kuligorskiy, M. L., Kishashov, A. K. - Wear-resistant blades of sand blasting machines. *Lit. prot.* no. 11: 39-40 M '66.

Klochkov, V. E. - Evaluating trends in the specialization of iron foundry production. *Lit. prot.* no. 10: 2-4 O '61.

Kolobak, M. I., Klopetskiy, K. S. - Camshafts of centrifugal machines. *Lit. prot.* no. 11: 23 M '66.

Kolodov, I. A. - Determining the optimum overheating (temperature of melt). *Lit. prot.* no. 8: 34-36 Ag '66.

Kolesnikov, A. G. - Resistance of chill mold castings. *Lit. prot.* no. 11: 39-40 Ja '66.

Korolev, V. M., and others. - Improving the quality of castings in high-strength steels. *Lit. prot.* no. 11: 1-3 M '66.

Kostyleva, L. A., Menstrovskiy, M. A. - Determination of carbon in gray cast iron in the course of smelting. *Lit. prot.* no. 11: 41 M '66.

Koshakov, P. I., Fedulin, M. I. - Universal mechanized installation for the shakeout of molds. *Lit. prot.* no. 11: 28-31 M '66.

Krivitskiy, V. M. - Universal core box for cylindrical cores. *Lit. prot.* no. 1: 13 Ja '66.

Krymov, V. V., and others. - Production of foundry magnesium alloys containing silicon. *Lit. prot.* no. 11: 23-24 M '66.

Kryshenkovskiy, O. M., Vrublevskiy, V. I., Antonenko, V. T. - Overall mechanization and automation of a cupola. *Lit. prot.* no. 10: 23-26 O '62.

Kushchik, M. M., Onishchenko, E. L. - System of automatic sand preparation on mixers, model 113. *Lit. prot.* no. 8: 18-19 Ag '66.

Labadev, K. P., Rukhin, K. M., Mikhaylov, V. D. - Oxide films in aluminum bronze. *Lit. prot.* no. 8: 6-8 Ag '66.

Leonov, S. I. A. - Equipment for painting and drying of castings. *Lit. prot.* no. 1: 45 Ja '66.

Lepetit, D. G., Karginov, V. A. - Isothermic sands for risers. *Lit. prot.* no. 8: 41-42 Ag '66.

Leybovich, V. P., Finke, T. G., Mikhaylov, L. L. - Using isothermic mixtures for heating risers of non-ferrous metal castings. *Lit. prot.* no. 1: 3 Ja '66.

Mikhaylov, I. A. M. - Segregation of phosphorus, and formation of phosphide eutectic in cast iron. *Lit. prot.* no. 1: 33-35 Ja '66.

Mel'man, I. A. L., Filippov, V. P. - Annealing of casting directly in molds. *Lit. prot.* no. 1: 40 Ja '66.

Misechko, V. L., Tikhonov, A. M. - Some characteristics of the crystalline structure of silicon and its effective use in technology. *Mos. sbor.* 23 no. 4: 412-414 '67.

Mukromov, D. M. - Continuous process of producing malleable cast iron using the heat of castings. *Lit. prot.* no. 1: 35 Ja '66.

New books on foundry production. *Lit. prot.* no. 8: 40 Ag '66.

Pavlovskiy, V., Mordukhai, F. - Regularities of cupola melting. *Lit. prot.* no. 10: 17-18 O '61.

Pol'man, L. I., Grossberg, K. Sh., Polshchik, L. M. - Industrial bygiene in using core binders of alkylidene acrylo solid. *Lit. prot.* no. 1: 42 Ja '66.

Plachuk, I. U. M., Chish, V. A., Iatzenko, A. I. - Inter-crystalline segregation in hypoeutectic magnesium iron. *Lit. prot.* no. 10: 27 O '61.

Polosadov, V. M., and others. - Improving the technology of smelting 40KhL steel. *Lit. prot.* no. 8: 38 Ag '66.

Popov, A. D. - Finish of the surface of castings. *Lit. prot.* no. 1: 35-37 Ja '66.

Prishchepko, M. M. - Oxygen converting of steel in foundries. *Lit. prot.* no. 8: 37 Ag '66.

Rubtsov, M. M. - Chemical heterogeneity of steel centrifugal castings. *Lit. prot.* no. 1: 35-36 Ja '66.

Ravnitskiy, V. L., Polshchik, A. M. - Molten metal beneficiation of quartz-feldspathic molding sands. *Lit. prot.* no. 8: 8-10 Ag '66.

Ryvkis, I. A. M., Teplovskiy, A. D. - Automatic control for sandblast nozzles. *Lit. prot.* no. 11: 21-22 M '66.

Ryvkis, A. A., Gerasimov, V. A. - Desulfurization of cast iron with liquid synthetic slag. *Lit. prot.* no. 8: 22-23 Ag '66.

Ryvkis, I. V., Beloborodov, M. A. - Strength of water-glass mixtures in the zone of steam condensation. *Lit. prot.* no. 11: 24-25 M '66.

Sel'man, B. Sh., Rubtsov, V. F., Mikhaylov, V. A. - Eliminating chemical heterogeneity of cast iron for solid-bottom ingot molds. *Lit. prot.* no. 8: 44-45 Ag '66.

Samarin, A. A. - Methods of inoculating cast iron with magnesium. *Lit. prot.* no. 10: 26-27 O '61.

Samoilov, V. I., Barenin, P. G., Koshkovskiy, K. P. - Improving mechanical properties of cores for ladle castings of mass production. *Lit. prot.* no. 8: 43-44 Ag '66.

Savilko, V. M. - Theory of hot crack formation. *Lit. prot.* no. 10: 28-29 O '61.

Semenov, A. A. - Determining the acceptability of ethyl silicate hydrolysis. *Lit. prot.* no. 11: 24-25 M '66.

Serov, A. S. - Production of slag wool in iron foundries. *Lit. prot.* no. 1: 38-39 Ja '66.

Shestakov, I. A., Gerasimov, A. A. - Risers for castings from magnesium cast iron. *Lit. prot.* no. 10: 36-38 O '61.

Shestakov, K. L. - Strength of wet and dry sand-alloy standard specimens and foundry molds. *Lit. prot.* no. 10: 38-39 O '61.

Shpil'man, A. T., Chapchagov, I. P. - Issues of the new State Standard 2787-63: "Scrap and Waste Products (of Charges) of Ferrous Metals" and the Price List No. 01-06. *Lit. prot.* no. 8: 46-47 Ag '66.

Shpil'man, M. V. - Influence of small holes and narrow slots on the density of castings. *Lit. prot.* no. 11: 36 M '66.

Shklyarskiy, I. A. I. - Improving the quality of precision castings. *Lit. prot.* no. 11: 30-34 M '66.

Shpil'man, B. G., and others. - Automatic molding machine, model 06324. *Lit. prot.* no. 8: 48-49 Ag '66.

Shpil'man, V. S. - Gas conditions of a mold with gasified patterns. *Lit. prot.* no. 11: 24-25 M '66.

Shimov, V. F. - Clarification of circulating water in installations for hydraulic cleaning of castings. *Lit. prot.* no. 8: 48-49 Ag '66.

Shobodich, G. M. - Automatic regulation of molding sand moisture. *Lit. prot.* no. 10: 28-29 O '61.

Shpil'man, A. M., Shpil'man, G. A. - Installation for measuring the compactness of tube running molds. *Lit. prot.* no. 1: 41-43 Ja '66.

Shpil'man, P. I., and others. - Correlation between desulfurization and crystallization of inoculated cast iron. *Lit. prot.* no. 8: 23-24 Ag '66.

631.74 (Continued)

- Sychev, I. G. - Universal coordinate transfer table for molding machines. Lit. prot. no. 118-20 Ja '60.
- Teterin, E. V. - Specialization of precision casting plants in hot production. Lit. prot. no. 1-3 Ja '60.
- Tkachenko, V. G. - Continuous manufacture of cast iron microwire in a glass insulation. Lit. prot. no. 1-10-12 Ja '60.
- Tsalk, A. A. - Influence of some technological factors on the mechanical properties of precision castings. Lit. prot. no. 10-22-24 O '61.
- Vashchenko, K. L., and others. - Cast iron for casting alkali-resistant boilers. Lit. prot. no. 1-7-10 Ja '60.
- Vashukov, I. A., Stepanov, V. V. - Redesigning of foundries for production of different lots. Lit. prot. no. 11-14-16 M '60.
- Vasilevskii, P. F., Karamzin, V. V., Bal'mov, P. F. - Characteristics of the texture and mechanical properties of steel in large castings. Lit. prot. no. 11-3-5 M '60.
- Volkovich, V. A. - Adhesive for polystyrene foam. Mashinostroitel' no. 9-21 S '60.
- Vorob'ev, M. L., Stetschuk, A. O. - Large precision castings. Lit. prot. no. 11-5-7 M '60.
- Zukhova, L. A. - Influence of the alloy additive hydrolysis methods on the quality of refractory castings. Lit. prot. no. 1-20-22 Ja '60.
- Zhuravlev, I. A., and others. - Amenable coating of cast molds of composites. Lit. prot. no. 11-18-20 N '60.

631.74(436)—Poland

- Installations for continuous casting of steel used in Poland. Metallurg 13 no. 12-13-15 D '60.

631.74(47).233—Leningrad City

- Bol'shakov, V. - Our decisions will be fulfilled! Sov. profsoyuz 24 no. 17-18 S '60.

631.74(47).31—Moscow Province

- Mikarov, V. - Ironmaking basins according to the basis of labor intensity. Pion. khoz. 45 no. 17-18-19 D '60.

631.74(47).4—Northern Caucasus

- Patrichenko, A. M., Shrenko, R. A. - Casting in Azovsk. Lit. prot. no. 11-4-6 M '60.

631.74(477)—Ukraine S. S. R.

- Akhmetov, I. P. - Determining optimal conditions of the work of equipment in foundry production. Eksp. i organ. proizvod. no. 2-10-12 '60.
- Chervonitskiy, V. L. - Comparative analysis of the cost of precision casting. Eksp. i organ. proizvod. no. 2-10-12 '60.

631.78 Toolmaking. Design. Plans. Assembly

- Darguzov, V. I., and others. - Some problems of studying the wear of tapered thread gauges for tool joint threads. Za tekhn. prog. 8 no. 10-17-19 O '60.
- It has been made in Armenia. Proiz. Arm. 30 no. 12: 11 '60.
- Udal'tsov, B. S. - Metric standards are needed. Mash. i tekhn. 32 no. 10-12 O '60.
- Korshakov, P. A., Moroz, G. G. - Effect of the rigidity of grouped grinding machines on the accuracy of the machining of openings. Prihorostroitel' no. 4-10-17 Ap '60.
- Lomala, V. I., Shol'tberg, L. M. - Calculation of the diameter of circumference of the protrusion of cylindrical small-mesh gears. Prihorostroitel' no. 4-17-19 Ap '60.

631.788 Powder metallurgy

- Davlov, K. M. - Metal powder strips. Mashinostroitel' no. 5-24-27 S '60.
- Shapovalov, A. S. - Parts produced from metal powders. Mashinostroitel' no. 5-27-28 S '60.

631.77 Rolling

- Akhmetov, I. P., Tuganikov, A. M. - Indices of accuracy and steel consumption for rolling mill foundations. Proiz. stroit. 48 no. 1-4-6 O '60.
- Bulat, S. I. - Surface temperature effect during hot rolling. Stal. no. 10-12-14 O '60.
- Belik, S. I., Tikhonov, A. S., Shumskii, V. S. - Investigating temperature conditions of rolling transformer steel on various mills. Stal. no. 10-12-14 O '60.
- Chukmarov, A. P., Pobjednik, G. G. - Problems of improving the accuracy of rolled products. Metallurg 12 no. 10-12-14 O '60.
- Okolovskiy, S. A., and others. - Manufacture of two-layer steel for agricultural machinery. Stal. no. 10-12-14 O '60.
- Okolovskiy, S. A., and others. - New technology for the production of cold-rolled transformer steel with a high silicon content. Stal. no. 10-12-14 O '60.
- Orlovskiy, A. I., and others. - Resistance to deformation of KHMFTVMTU, KHMFTVMTU and KHMFTVMTU alloys. Stal. no. 10-12-14 O '60.
- Orlovskiy, A. I., and others. - Rolling KHMFTVMTU alloy steel on a D200 reversing four-high mill. Stal. no. 10-12-14 O '60.
- Orlovskiy, A. I., Chernov, A. M. - Design and calculation of a pressure transmitter for the measurement of extrusion forces. Stal. no. 10-12-14 O '60.

- Gulbayev, V. M., Koshchikov, M. F., Mikhaylov, G. M. - Testing of an experimental sector of a steamship from KHMFT steel. Tsel'metallurgiya 15 no. 10-12-14 S '60.
- Ushakov, I. A., Petrov, M. M. - Drawing of steel wire rods on a rolling mill. Stal. no. 10-12-14 O '60.
- Koshchikov, M. F. - Hard facing of rolls with steel rods. Metallurg 13 no. 12-13-15 D '60.
- Kise, A. V. - Rolling of shaped section on a 180 mill. Metallurg 13 no. 12-13-15 D '60.
- Kharin, E. L., Lashin, I. U. F. - Producing seamless tubes of OKHMFTVMTU (KHMFT) steel on ballmill rolling mills. Stal. no. 10-12-14 O '60.
- Kharin, E. L., and others. - Tube production of the OKHMFTVMTU alloy. Stal. no. 10-12-14 O '60.
- Koshchikov, M. F., and others. - Oxygen-arc method of cleaning stainless steel ingots and slabs. Metallurg 12 no. 10-12-14 O '60.
- Koshchikov, V. A., Korotkiy, P. L. - Effect of the duration of hidden rolling on the hourly production of sheet rolling mills. Eksp. i organ. proizvod. no. 2-10-12 '60.
- Lisakov, V. A., and others. - Optimum reduction in the rolling of aluminum alloy ingots. Tsel'metallurgiya 15 no. 10-12-14 S '60.
- Lurie, M. F. - Force power and speed indices of the pressing process on a three-high mill. Stal. no. 10-12-14 O '60.
- Maklad, B. L., Glazovskiy, P. L. - A high-protection die. Mashinostroitel' no. 9-21 S '60.
- Masheva, I. U. F., Chernov, A. M., Tuganikov, G. I. - Temperature of the metal during extrusion on a high-speed hydraulic press. Stal. no. 10-12-14 O '60.
- Masheva, I. U. F., Tuganikov, G. I., Petrov, I. U. K. - Statistical processing of experimental data on extrusion forces. Stal. no. 10-12-14 O '60.
- Masheva, I. U. F., and others. - Layer cohesion in bimetal. Stal. no. 10-12-14 O '60.
- Masheva, R. A. - A tool for wire twisting. Mashinostroitel' no. 9-21 S '60.
- Moskalev, A. O., Ivanov, A. S., Bulakov, I. U. L. - Heating equipment for transporting sheet piles. Metallurg 13 no. 12-13-15 D '60.
- Moskalev, I. E., Vokrovskiy, I. A. M. - Deformability of a multilayered metal OKHMFTVMTU alloy during rolling on pipe mills. Stal. no. 10-12-14 O '60.
- Masheva, R. A. - Improving extrusion tools for tube production with external bulges. Tsel'metallurgiya 15 no. 10-12-14 S '60.
- Avila, G. A., and others. - Introducing the 180-ton pipe-drawing mill. Metallurg 13 no. 12-13-15 D '60.
- Korotkiy, P. L., Masheva, R. A. V. - Regularities of changes in the friction coefficient during rolling. Dokl. AN BSSR 11 no. 10-12-14 Ap '60.
- Masheva, R. A. - All-Union conference on improving the quality of rolled products. Metallurg 12 no. 10-12-14 O '60.

- Shol'tberg, L. M., Glazovskiy, P. L. - Installation for measuring the compressive strength of tube bending molds. Lit. prot. no. 11-4-6 M '60.
- Shol'tberg, L. M., Glazovskiy, P. L. - Installation of steel to form cracks depending on the direction of rolling. Proiz. stroit. 48 no. 1-4-6 O '60.
- Tekhar, D. A., Rybakov, P. P. - Drawing carbon wire at high temperatures. Stal. no. 10-12-14 O '60.
- Tekhar, P. K., Kharin, E. L., Lashin, I. U. F. - Pressing stainless steels of the ferritic-austenitic class on a three-high mill. Stal. no. 10-12-14 O '60.
- Tekhar, P. K., Lashin, I. U. F. - Distribution of plastic deformations during the pressing of ring-type blanks. Stal. no. 10-12-14 O '60.
- Tekhar, P. K., Masheva, I. U. F., Tuganikov, G. I. - Comparison of flow during extrusion and its effect on the metal structure. Stal. no. 10-12-14 O '60.
- Tekhar, P. K. - Resists and goals of automatic machinery construction. Izv. vuz. tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Tekhar, I. T., Koshchikov, G. V. - Prospects of adopting economical rolled ferrous metal shapes in the automobile industry. Avt. prom. 34 no. 8: 1-3 Ag '60.
- Vasilevskiy, G. S. - Calculation of optimal shape of thermally laminated pipes. Izv. vuz. tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Vinogradov, V. I., and others. - Improving the quality of end blanks. Metallurg 12 no. 10-12-14 O '60.
- Kharin, E. L., and others. - Operation of an equipment for hardening rolled sections from heat of rolling. Metallurg 12 no. 10-12-14 O '60.
- Kharin, E. L., Kharin, E. L., Petrov, M. M. - Influence of the preheating on the rate of argon-arc welding of pipes. Stal. no. 10-12-14 O '60.

631.77(47).33—Dnepropetrovsk S. S. R.

- Lashin, I. U. F. - Drilled steel sheet makers. Metallurg 13 no. 12-13-15 D '60.

631.77(477)—Ukraine S. S. R.

- Shol'tberg, L. M., Glazovskiy, P. L. - Ways of reducing metal consumption in the production of billets on blooming mills. Eksp. i organ. proizvod. no. 2-10-12 '60.

631.774 Pipe and tube manufacture

- Lashin, I. U. F. - Determining the internal diameter of pipes following rearing. Tsel'metallurgiya 15 no. 10-12-14 S '60.

631.78 Heat treatment

- Korotkiy, P. L. - Heat treatment of hard-faced dies. Sov. prot. no. 11-23-24 N '60.
- Kharin, E. L., and others. - Heat treatment of tools for deep drawing. Tsel'metallurgiya 15 no. 10-12-14 S '60.
- Kharin, E. L., and others. - Thermal hardening and repair by build-up welding of automatic coupling. Trudy Tsel'metallurgiya no. 3-10-12 S '60.
- Kharin, E. L., Kharin, E. L., Fridman, S. I. - Optimum conditions for the bonding of some plastic packaging materials. Trudy MNIIPP 8-10-12 S '60.
- Kharin, E. L. - Evaluation of existing methods of heating during heat treatment of pipelines joints at thermal electric power plants. Energ. stroit. no. 1: 2-3 '60.
- Lashin, I. U. F., Mal'tsev, M. U., Tekhar, P. K. - Effect of annealing on the hardness and resistance of manganese cast iron to abrasive wear. Trudy Tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Masheva, I. U. F., Koshchikov, M. F., Kharin, E. L. - Some problems of the thermal treatment of liquid wire materials in the production of port-wire. Trudy MNIIPP 8-10-12 S '60.
- Mikhaylov, A. I., Koshchikov, M. F. - The coarse "body" of materials. Stal. no. 10-12-14 O '60.
- Papovskiy, V. G., and others. - Sublimation drying of two condensation surfaces. Trudy MNIIPP 8-10-12 S '60.
- Papovskiy, V. G., Timofeeva, O. A., Soboleva, L. I. - Changes in aromatic substances and in the structure of fruit dried by sublimation-drying during processing. Trudy MNIIPP 8-10-12 S '60.
- Papovskiy, V. G., Timofeeva, O. A., Soboleva, L. I. - Volatile fatty acids of fruit and berries and their behavior in the process of sublimation-drying. Trudy MNIIPP 8-10-12 S '60.
- Shol'tberg, L. M. - Study and adjustment of heat-treatment furnaces operated with gaseous fuel. Gaz. prom. 11 no. 8-10-12 S '60.
- Shol'tberg, L. M. - Experiments in adjusting section furnaces for the heat treatment of electrically welded pipes. Gaz. prom. 11 no. 8-10-12 S '60.
- Vegman, E. F. - Heat treatment of slabs. Metallurg 12 no. 10-12-14 O '60.
- Vladov, V. I., Korotkiy, P. L., Ashchukov, A. A. - Optimum parameters of pulsation hardening of iron cores. Trudy Tsel'metallurgiya no. 3-10-12 S '60.
- Volkov, A. N. - Effect of annealing after tempering on the abrasive wear resistance of manganese cast iron modified with molybdenum and (Al, Si) steel. Trudy Tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Vorontsov, I. U. F. - Increasing the reliability of parts of titanium alloys. Mashinostroitel' no. 9-21 S '60.
- Zakharov, E. D., Pogrebnyak, E. M. - Grit graphs. Lit. prot. no. 1-20-22 Ja '60.
- Zakharov, A. L., and others. - Operation of an equipment for hardening rolled sections from heat of rolling. Metallurg 12 no. 10-12-14 O '60.

631.791 Welding and allied techniques

- Andersson, I. A. - Propane-butane-oxygen welding burner of the GTH-M type. Stal. no. 10-12-14 O '60.
- Andreev, V. V. - Investigating plasma cutting of aluminum bars by forming plasma with arc gases. Energ. stroit. no. 1: 2-3 '60.
- Astashev, M. R., Levitskiy, M. E. - Explosion of oxygen cylinders. Stal. no. 10-12-14 O '60.
- Astashev, M. R., Malanov, K. P. - Weldability of the KHMFTVMTU type of high-strength babbitt steel. Stal. no. 10-12-14 O '60.
- Darguzov, V. I., Koshchikov, M. F. - Evaluating plastic properties of electrode and flux masses. Stal. no. 10-12-14 O '60.
- Kharin, E. L., Lashin, I. U. F. - Possibility of welding KHMFTVMTU steel pipes without heat treating the welded joints. Energ. stroit. no. 1: 2-3 '60.
- Kharin, E. L., Kharin, E. L. - Influence of welding conditions on the sensitivity to stress concentration of welded joints from KHMFTVMTU steel. Stal. no. 10-12-14 O '60.
- Kharin, E. L. - Welding in carbon dioxide of high-strength thermally hardened KHMFTVMTU steel. Stal. no. 10-12-14 O '60.
- Kharin, E. L. - Comparative estimate of the economic efficiency of welding vertical small-section seams. Stal. no. 10-12-14 O '60.
- Korotkiy, P. L., Petrov, M. M. - Influence of hydrogen on the crack formation in the weld-affected zone in welding hardening steels. Stal. no. 10-12-14 O '60.
- Korotkiy, P. L., Litvinov, G. M. - Volume ratios of melt of the system NaCl-Kal - 1/3 Mg-AlF₃. Stal. no. 10-12-14 O '60.
- Korotkiy, P. L., Korotkiy, P. L., Dzhakov, V. I. - Effect of the open-arc metal surfacing process on losses of electrode metal. Trudy Tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Korotkiy, P. L., Korotkiy, P. L. - Durability and stability of the open-arc metal surfacing process with short circuits in the arc gap. Trudy Tekhn. sav. i mashinostroitel' no. 1: 10-12-14 O '60.
- Korotkiy, P. L. - Modernizing the rigging of the OKHMFT-4 equipment. Stal. no. 10-12-14 O '60.
- Korotkiy, P. L. - Investigating characteristics of pore formation in the mechanical electric arc welding of copper and its alloys. Stal. no. 10-12-14 O '60.
- Korotkiy, P. L. - General-purpose adaptors for the welding of pipes made of thermoplastic resins. Mash. i tekhn. 30 no. 11-12-14 N '60.

831.72 (Continued)

- Erashov, I. M., and others. - Ultrasound control of butt weld joints of boiler pipes. *Svar. protsv.* no. 11:31-33 N '68.
- Filipov, I. U. A., and others. - Mechanized welding of flanges in the construction of radiotowers. *Mont. i spets. rab. v stroit.* 23 no. 5:18-20 May '68.
- Garkis, B. I., Kolotinskii, I. I. A. - Resistance spot welding of reinforcing cages. *Avi. dor.* 31 no. 12:22-23 D '67.
- Glebov, A. K. - Semiautomatic buildup welding of grinding mill bearings with powder wire. *Svar. protsv.* no. 9:28-30 S '68.
- Gonovskii, I. U. K. - Reconditioning parts by double-electrode buildup with powder wire in a shield of CO₂. *Svar. protsv.* no. 11:37-39 N '68.
- Gorobchenko, V. S., Dobrotinskii, V. P. - Thermal plating of titanium and its alloys. *Svar. protsv.* no. 9:17-20 S '68.
- Gorobchenko, A. I. - Electron beam welding of BTM titanium alloy. *Svar. protsv.* no. 11:33-35 N '68.
- Gorobchenko, S. M., and others. - Weldability of β -alloys of titanium alloyed by 30% molybdenum. *Svar. protsv.* no. 9:17-20 S '68.
- Gorobchenko, V. I. - Approximate method of heat calculations in impulse operating conditions of heat sources. *Svar. protsv.* no. 11:8-10 N '68.
- Gribinskii, L. L., Petrunin, I. K. - Mechanism of self-healing of filler metals. *Svar. protsv.* no. 11:15-18 N '68.
- Haskovskii seminar of scientific technological societies. *Svar. protsv.* no. 11:1-3 N '68.
- Ishchakov, N. M., and others. - Thermal hardening and repair by build-up welding of automatic couplings. *Trudy TSNII MPd* no. 256:13-28 '68.
- Iurashenko, I. U. F. - Mechanism of the occurrence of the tendency of welded joints in H-10 steel to knife corrosion. *Svar. protsv.* no. 9:48-50 S '68.
- Iurkova, A. N., and others. - Resistance butt welding of parts for thin-walled tubes. *Svar. protsv.* no. 9:26-28 S '68.
- Ivanenko, V. D., Kuznetsov, B. S. - Horizontal butt welding of girder joints. *Enrg. stroit.* 10 no. 10:58-59 '68.
- Kania, I. U. - Micrography of welding. *Procn. Arma.* 10 no. 10:58-59 '68.
- Kozlov, I. U. V., Kreshetov, A. D. - Mechanism for overlapping the hardening of austenitic steels. *Svar. protsv.* no. 9:41-43 S '68.
- Kozlov, V. G., and others. - Buildup welding of packing surfaces of gate valves in a shield of CO₂. *Svar. protsv.* no. 11:38-40 N '68.
- Kovalevskii, K. K., Kizima, T. P. - Welding of an experimental vacuum apparatus in A73 titanium alloy. *Svar. protsv.* no. 11:41-43 N '68.
- Kuchera, M. M. - Carbon dioxide welding with wires of 1.6 to 3 mm in diameter. *Svar. protsv.* no. 11:40-41 N '68.
- Kuchukov, A. M., Kotor, V. V. - Corrosion resistance of intermetallic steel welded joints in the production of methanol and isobutanol. *Svar. protsv.* no. 11:34-37 N '68.
- Lashchinskii, K. V., Dzhigancov, B. M. - The AV-8 flux for welding high-strength steels. *Svar. protsv.* no. 11:38-40 N '68.
- Lomov, I. A. - High-power transistorized electric current supply of the arc for argon-arc welding. *Svar. protsv.* no. 11:42-44 N '68.
- L'vov, M. A. - Technical conference on new processes and equipment in the arc welding of metals. *Svar. protsv.* no. 9:54-57 S '68.
- Makarov, I. I. - Vibration strength of welded thin-walled pipes in a biaxial stressed state. *Svar. protsv.* no. 9:1-3 S '68.
- Mikhaylov, P. K., and others. - Resistance butt flash welding of thick-walled large-size pipes in IRCHIMP steel. *Svar. protsv.* no. 9:33-34 S '68.
- Mukhin, V. A. - Weldability of low-alloy (BXK025V8 and BXK025F) steels. *Svar. protsv.* no. 9:19-21 S '68.
- Markova, I. I. U., Petrunin, I. K., Kizima, A. S. - Certain regularities of the resistance relative heating of magnesium by silver. *Svar. protsv.* no. 9:10-11 S '68.
- Markov, V. A., Benenova, I. A. - Corrosion resistance of welded joints from OKh12 (N148) steel in certain process solutions. *Svar. protsv.* no. 9:33-35 S '68.
- Moskachevskii, V. N., Shostakov, M. K., Florinskii, I. U. B. - Influence of gas content on the trend to delayed fracture and the cold crack formation in welding titanium alloys of the Ti - Al - Zr system. *Svar. protsv.* no. 11:11-12 N '68.
- Mukhin, A. N., Kalais, A. L., Brinova, B. O. - Use of argon-arc welding for the reconstruction of a convective steam superheater of a TGM-84 boiler. *Enrg. stroit.* no. 7:28-30 '67.
- Mukhin, G. A. - Investigating the strength of welded structures. *Izv. vyz. ucheb. zav., mashinost.* no. 9:144-153 '68.
- Nozhev, I. G. - Increasing the service life of drawing and gripping rolls on electrode-belt presses. *Svar. protsv.* no. 9:48-50 S '68.
- Poluev, I. B. - Tracking along welded joints according to the program of recorded deflections. *Svar. protsv.* no. 11:32-34 N '68.
- Peregrudii, V. P. - Improving the feeding mechanism of PDPO-500 semiautomatic machines. *Svar. protsv.* no. 9:1-3 S '68.
- Petrov, I. V., Kravtsov, I. Z. - Increasing the service life of hardened mixer rotors. *Svar. protsv.* no. 9:30 S '68.
- Pogrebinskii, D. M. - Repair of gullion shafts by welding. *Svar. protsv.* no. 9:41 S '68.
- Pokrovskii, A. M. - Increasing the speed of automatic welding, and economic efficiency of the process. *Svar. protsv.* no. 11:23-27 N '68.
- Raport, E. A. - Condenser discharge welding of relay elements. *Svar. protsv.* no. 11:25-28 N '68.

- Rososhinskii, A. A., Lebiga, V. A., Kishayna, V. M. - Combined ways for spot welding of microparts. *Svar. protsv.* no. 9:28-30 S '68.
- Rybkina, V. G., and others. - New high-duty unit for arc resistance welding of oil- and gas-field pipelines. *Stroitel'stvo* no. 11:34-35 Ap '68.
- Seliver, B. Z. - Temperature fields in welding plates along curvilinear contours. *Svar. protsv.* no. 9:10-11 S '68.
- Shapiro, I. S., Belcher, B. D., Perella, L. M. - Increasing the efficiency of the process of plasma-arc cutting of metals. *Svar. protsv.* no. 9:29-30 S '68.
- Shashkov, A. M., Trofimov, A. A. - Pulsed oxygen cutting. *Svar. protsv.* no. 11:27-29 N '68.
- Shchegolev, P. L. - The MS-200 machine for butt welding of pipes on cooled pipe boilers. *Svar. protsv.* no. 11:44-46 N '68.
- Shcherbina, M. R., Lebedeva, K. I. - Dependence of mechanical properties of the weld-affected zone of structural steels on the thermal cycle of welding. *Svar. protsv.* no. 11:8-10 N '68.
- Shur, D. M., Brishberg, L. I., Karlov, A. B. - Low-oxide fatigue strength of pressure vessel patterns in build up welding. *Svar. protsv.* no. 9:3-5 S '68.
- Shchegolev, V. P. - Welding of AlMg alloy in a shield of helium. *Svar. protsv.* no. 11:23-25 N '68.
- Spidlov, O. Sh., Shchegolev, G. K. - Oxygen-flux cutting of four-layer laminated rolled products. *Svar. protsv.* no. 11:34-36 N '68.
- Steklov, G. L., Kuznetsov, I. U. F. - Argon-arc welding of pipes made from commercial titanium. *Mont. i spets. rab. v stroit.* 20 no. 11:13-16 N '68.
- Tamotia, V. I. - Equipment for coating pipes to be welded. *Svar. protsv.* no. 11:43 N '68.
- Tinokov, M. M., Kozhachenko, A. S., Kuznetsovskii, K. L. - Welding of cast heat-resistant Fe-Ni-Cr-Al alloys. *Svar. protsv.* no. 11:18-20 N '68.
- Tishchenko, S. I. A., Rodionova, K. M., Mosheev, M. A. - Comparative evaluation of the effectiveness of controlling welding joints by nondestructive and graphic methods. *Stroitel'stvo* no. 11:31-32 N '68.
- Vorob'ev, V. V., Tinokov, B. T. - Semiautomatic welding of large diameter reinforcement joints by the uncooled alloy wire (BODOP) method. *Enrg. stroit.* no. 7:67-70 '67.
- Voropai, N., and others. - Micro-plasma welding of thin-wall parts made of aluminum and its alloys. *Procn. Arma.* 10 no. 10:58-59 '68.
- Zaitsev, G. Z., Kadriyevskii, P. I., Varshchikov, P. M. - Fatigue resistance of steel and welded joints used in hydraulic turbine construction under asymmetric loads. *Enrg. stroit.* 10 no. 10:58-59 '68.
- Zaitsev, K. I., Gorobchenko, A. V. - Role of breed deformation in the extrusion welding of bolt welds from polymer materials. *Svar. protsv.* no. 9:33-35 S '68.
- Zaitsev, K. I., Polakovich, S. A., Gokhlov, L. A. - Welding in mechanized pipe-welding plants. *Svar. protsv.* no. 11:30-32 N '68.
- Zaitsev, K. I., Shchegolev, V. D. - Welding seams of shells made from polymer film. *Mont. i spets. rab. v stroit.* 22 no. 6:17-18 Je '68.
- Zholobov, B. K., Tarnavskii, M. A., Kozhachenko, A. V. - Equipment for automatic welding of flanges to pipes in a shield of CO₂. *Svar. protsv.* no. 11:44-46 N '68.
- Zholobov, B. K., Tarnavskii, M. A., Kozhachenko, A. V. - Manipulator for welding outcrop of diesel locomotive transmissions. *Svar. protsv.* no. 9:44 S '68.
- Zholobov, B. D., El'fberg, L. I., Petrunin, I. K. - Influence of the preheating on the rate of argon-arc welding of pipes. *Svar. protsv.* no. 11:11-13 S '68.

831.72(471.5)—Ural regions

- Lipovetskii, P. I. A. - Use of propane-butane for welding operations at the Ural Automobile Works. *Svar. protsv.* no. 9:34-37 S '68.
- 831.72(477.6)—Donetsk Basin
- Livshits, M. G. - Research conference at Krivbass. *Svar. protsv.* no. 9:48 S '68.
- 831.72(479.23)—Georgian S. S. R.
- Frid, A. G. - The New Electric Welding Equipment and Adoption of Advanced Methods of Welding and Cutting Metals. Conference at Tbilisi. *Svar. protsv.* no. 9:58 S '68.
- 831.72(57)—Azerbaijan S. S. R.
- Shchegolev, G. B., Kholodkov, V. V. - Improved organization of assembly and rotation welding of 1,090 mm pipes. *Stroitel'stvo* no. 11:31-33 Je '68.

831.726 Metallurgy

- Kir'yanov, I. U. G., and others. - Thermally dissociated nickel coatings for protection against corrosion. *Zashch. met.* 4 no. 8:884-902 M-D '68.
- Maksimov, M. U. - Distribution of internal tensions in coatings. *Trudy Tashk. sel'khoz. inst.* 10:44-58 '68.
- Maksimov, M. U. - Methods of determining the modulus of elasticity of tensile steel galvanic and polymer coatings. *Trudy Tashk. sel'khoz. inst.* 10:41-53 '68.
- Ostapchuk, I., Kodra, I. U., Ogorobchenko, V. - Oxide suspension. *Ochr. trade i scis. stroit.* 23 no. 1:20-31 Ja '68.
- Proskurnik, K. V., Ogorobchenko, M. R., Lavrenko, M. A. - Corrosion resistance of pipe with a diffusion coating of zinc in places of welding and bending. *Zashch. met.* 4 no. 8:128-132 M-D '68.
- Zakirov, Sh. S. - Determination of internal stresses in coatings by the flexible anode (lining) method. *Trudy Tashk. sel'khoz. inst.* 10:42-47 '68.
- Zamiatov, G. V., Kojko, R. L., Kozlovskii, A. V. - Surface addition alloying of the Zn-Cu-X alloy by aluminum and silicon. *Zashch. met.* 4 no. 8:133-134 M-D '68.

831.726 Packaging

- Artem'ev, A. I. - Rational volume of plastic containers for drugs. *Pharmazie* 17 no. 4:161-63 Ji-Ag '68.
- Bobrov, B. P., and others. - Metallic barrels with removable covers. *Trudy MNIIP* 8:280-284 '68.
- Bobrov, B. P., Shota, M. A. - Rigging and preparation of large containers for aseptic sewing. *Trudy MNIIP* 8:284-310 '68.
- Chirkov, A. I., Moskatov, P. A. - Modernized device for hermetic fastening of vial caps. *Pharmazie* 17 no. 4:164-66 Ji-Ag '68.
- Fedorovskii, M. I. A. - Containers in the pharmaceutical industry. *Pharmazie* 17 no. 4:166-68 Ji-Ag '68.
- Ghevol, K., Minkova, T., Shirokova, V. - Polymeric packaging materials for egg powder. *Mash. ind. 1968* 20 no. 11:18-19 N '68.
- Kamenskikh, I. A. I., Barkislan, Zh. A., Fridman, S. Y. - Optimum conditions for the bonding of some polymer packaging materials. *Trudy MNIIP* 8:285-288 '68.
- Prokhorovskii, L. K., and others. - Efficiency of some methods of tank processing designed for grape juice holding. *Trudy MNIIP* 8:157-161 '68.
- Roma, V. - Preparation of antiozonant paper. *Byt. khos.* 44 no. 12:48-51 D '68.

831.726(475)—White Russia S. S. R.

- Troshchak, S. - Payments for the returnable containers. *Den. i kred.* 26 no. 11:49-51 N '68.
- 831.8 Power transmission. Materials handling. Mechanical fastening. Lubrication
- Korotkov, G. P. - Magnitude of the rest friction coefficient of "copper-nickel" in dry state. *Izv. vyz. ucheb. zav., mashinost.* no. 10:128-130 O '68.
- Lashchinskii, V. I., Shchegolev, L. M. - Calculation of the diameter of circumference of the protrusion of cylindrical small-module gears. *Prilozheniya* no. 4:17-19 Ap '68.
- Nedash, V. S., Kovalenko, A. A., Mikhlin, B. K. - Some characteristics of a conical diffuser with pulsating flow. *Izv. vyz. ucheb. zav. enrg.* 11 no. 10:78-82 O '68.

831.81 Machine elements

- Belitskii, V. I. A. - Synthesis of a slider-crank guide mechanism. *Teor. mech. i mash.* no. 4:13-31 '67.
- Isoshevskii, V. P., Rapota, K. P. - Optimum machine balance of a mechanism with a two-stop movable support. *Teor. mech. i mash.* no. 4:44-46 '67.
- Shchegolev, L. B. - Synthesis of a four-bar linkage according to a given trajectory of the center of the mass. *Teor. mech. i mash.* no. 4:70-80 '67.

831.82 Transmission systems and parts

- Agat, A. D. - Studying the heating temperature of polyamide-coated bearings and its effect on the friction coefficient. *Za tech. prog.* 8 no. 10:22-23 O '68.
- Kisel'sonov, A. V. - Comparative characteristics of gas thrust bearings with herringbone grooves of a varied transverse profile. *Izv. vyz. ucheb. zav., mashinost.* no. 9:52-58 '68.
- Golovinskiy, B. S., Linkin, L. D. - Rational substitution of solid shafts and axles with tubular ones. *Trak. i sel'khoz. mash.* no. 7:25-27 Ji '68.
- Gross, V. P., Kravtsov, V. I., Chagov, D. B. - Experimental determination reaction hydrographs of the main bearing in tractor engines. *Izv. vyz. ucheb. zav., mashinost.* no. 8:113-115 '68.
- Khatulev, E. A., Masarenko, V. V. - Study of the VTM-108 electromagnetic friction clutch as a load regulator for mixing machines and mechanisms. *Vysv. elektr.* no. 3:284-273 '67.
- Kragovskii, I. V., Mikhlin, B. K. - Estimating the friction coupling materials. *Zav. lab.* 34 no. 8:1001-1009 '68.
- Kuliev, I. U. M., and others. - Results of field tests of the electric drive of a drilling-rig draw works with a sliding sleeve and an electromagnetic brake. *Mash. inst. zh.* no. 10:11-15 '68.
- Mekrasov, M. M. - Standardization of antifriction bearing caps. *Mash. i kach.* 24 no. 12:88 D '68.
- Mikhlin, A. K., Savchenko, S. S. - Porous bearing of finite length without a load. *Izv. vyz. ucheb. zav., mashinost.* no. 9:48-52 '68.
- Prokhorov, B. M. - Heat protection of sliding friction bearings of pump units. *Transp. i khran. nefi i nefteprod.* no. 8:13-21 '68.
- Sakhar, A. G. - Study of the tension of torque converter parts in caterpillar tractors. *Uch. zap. Mord. gos. un.* no. 23:73-77 '67.
- Sidorovskii, I. I. - Effect of temperature drop in the gap on the carrying capacity of a radial gas bearing of finite length. *Izv. AN BSSR. Mash. stroit. i gaza.* no. 4:213-216 Ji-Ag '68.

831.83 Gears, cams, links, couplers

- Abramov, B. M., Abramov, A. B. - Investigating weak, not absolutely elastic inputs. *Teor. mech. i mash.* no. 4:43-47 '67.
- Bonakov, I. U. N. - Line of contact of helical and herringbone teeth wheels. *Teor. mech. i mash.* no. 4:48-54 '67.
- Chacharia, I. U. L. - Protection of rims with internal toothing. *Mashinostroitel'* no. 9:37 S '68.
- Gorobchenko, I. U. G. - Principles of calculating differential gear drives for the feed of electric drills. *Mash. i kachestvo* no. 9:144-148 '68.
- Ivanov, M. M., Shchegolev, S. A., Vinogradov, V. A. - Experimental determination of the number of kinematically meshing teeth and the magnitude of their deformation in a wave transmission. *Izv. vyz. ucheb. zav., mashinost.* no. 9:27-40 '68.

82.83 (Continued)

- Kargis, P. A. - Friction coefficient in a lubricated two-lens transmission. *Izv. vyz. shk. sav., mashinost.* no. 9:33-37 '88.
- Kirilenko, T. M., Tracov, A. M. - Determining the transient part of a profile of a tooth. *Teor. mash. i mash. no. 4:35-39 '87.*
- Kovall, G. A., Lavrenko, L. A. - Overlap coefficient of propeller tooth engagement. *Teor. mash. i mash. no. 4:44-48 '87.*
- Rudrikski, V. L., Zagrebelski, V. M. - Transient part of the side surface of a circular tooth in a bevel wheel. *Teor. mash. i mash. no. 4:40-43 '87.*
- Shkolenko, V. M. - Radial - spiral bevel wheels with a constant width of the top band. *Teor. mash. i mash. no. 4:49-53 '87.*
- Strotdia, Z. L., Tarasik, V. P., Oskolova, V. N. - Standardized hydrochemical transmission for heavy duty trucks. *Stand. i mash. no. 12:17-19 D '88.*
- Solodkova, E. P. - Problem of optimization of stressed state of teeth in bevel gear drives of medium and small-size crushers. *Trudy U. druzh. nar. 34:88-92 '87.*
- Sobolev, I. M., Shkolenko, V. M., Popov, M. L. - Analytical investigation of global engagement modified by the two-sided combined method. *Teor. mash. i mash. no. 4:54-61 '87.*

82.84 Flexible transmissions and drives

- Akhut, P. F. - Test stand (device) for testing in and testing of chain transmissions. *Uch. zap. Mord. gos. un. no. 6:1-8-12 '87.*
- Bolgov, A. T., and others. - Possibility of testing operational parts in power transmission of a tractor as dynamic elements. *Izv. vyz. shk. sav., mashinost.* no. 9:109-113 '88.
- Sokolovskaya, P. M. - Calculating and checking tension in V belts. *Trud. i mashinost.* no. 1:27-31 '88.

82.85 Material handling. Mechanical handling and holding equipment

- Belikov, P. B. - Roller conveyors. *Mashinostroi'tel' no. 17:10-18 '88.*
- Isakov, I. A., Rezhok, N. P. - Electromagnetic hoist for lifting dies in brick sawmills. *Stroitel. mash. no. 11:37-41 '88.*
- Dorobov, A. M. - Study of the process of moving grain with a scraper chain in a closed inclined housing. *Trudy VNIIOGA no. 55:808-826 '87.*
- Cherny, L. L. - Loading conveyor on railroad cars with simultaneous weighing. *Stand. i mash. no. 12:20-24 '88.*
- Dall'anova, M. V. - Pumping unit for the hydraulic drive of brakes in a self-loader on a conveyor. *Art. prom. 34 no. 8:47 Ag '88.*
- Fateev, M. N. - Theoretical and experimental study of the process of transporting slumped plant stuff by rotary-type working part. *Trudy VNIIOGA no. 55:877-908 '87.*
- Oskolova, V. E. - Investigations of the exploitation of drilling lines of the type LK-RO 623 + O.B. with bypass. *Mash. i mash. no. 10:7-8 '88.*
- Oliger, L. I., Rylovskiy, M. V., Kuznetsov, I. P. - Studying the process of vibration conveying of culture media. *Trudy VNIIOGA no. 18:41-48 '88.*
- Il'chenko, V. D. - Determination of the speed of vibration transport of free flowing materials. *Trudy VNIIOGA no. 56:347-353 '87.*
- Jeff, G. S. - Determination of the transmission function and amplitude-phase characteristics of a linear system on an experimental working drive. *Trudy VNIIOGA no. 56:344-348 '87.*
- Kozlov, O. M., and others. - Results of field tests of the electric drive of a drilling-rig draw works with a sliding sheave and an electromagnetic brake. *Mash. i mash. no. 10:11-18 '88.*
- Melamed, A. M. - Automatic grips. *Mash. i mash. no. 6:30-32 '88.*
- Pankratov, S. A., Koles, O. I., Tsvetkov, Y. B. - Basic modes in dynamic calculation of belt conveyors. *Trudy U. druzh. nar. 34:90-93 '87.*
- Kozlov, I. U. K. - Friction losses in hydraulic jacks. *Stroitel. mash. no. 11:30-37 '88.*

82.86 (477)—Ukrainian S. S. R.

- D'vinskii, A., Mikulob, A. - Technology course to the vocational. *Izv. profsoyuz. 24 no. 3:17-18 O '88.*

82.87 Cranes and other lifting mechanisms. Hoisting, dragging, etc.

- Azerkhik, V. M. - Optimal design of a gantry crane used in building subways. *Tracov. stroit. no. 8:25-28, 45 Ag '88.*
- Protski, M. G., Belzer, L. A. - New elevator designs. *Mash. i mash. no. 6:23-25 '88.*
- Chernov, V. P. - Study of oscillations of a tower crane in turning. *Trudy U. druzh. nar. 34:94-98 '87.*
- Dobrovolski, V. B. - Modernization and economy of the assembly of heavy excavating machinery. *Mash. i mash. no. 6:6-7 '88.*
- Isakov, S. M., Charyshchuk, A. A. - Industrial testings of the strength of the coupling for sheaves of friction on multiple hoists. *Parad. opyt v stroit. i ekspl. mash. no. 4:107-113 '87.*
- Makhal, S. I. - Hydraulic impact drive of grab bucket jaws. *Stroitel. mash. no. 13:10-18 O '88.*
- Kozlov, G. M. - Dynamic loads in the turning gear of multipurpose excavator. *Stroitel. mash. no. 13:19-22 '88.*
- Fukova, S. I. U., Khritskiy, S. G. - Modernization of E-300 and E-3500 tracked cranes. *Stroitel. mash. no. 13:33-34 '88.*

82.88 Lifting cranes and other lifting mechanisms. Hoisting, dragging, etc.

- Oskolova, G. P. - Results of testing crane girders with electrothermal and mechanical loading of guys. *Prost. stroit. 44 no. 5:21-23 '85.*
- Orlov, M. A. - Using an analog computer for calculating vibroresonance earthmoving machinery. *Izv. vyz. shk. sav., stroit. i mash. no. 10:145-149 '87.*
- Isakov, I. M. - Self-propelled rock-cutting machine. *Stroitel. mash. no. 13:34-36 O '88.*
- Isakov, A. A. - Control systems of band brakes of shaft hoists in single-bocket excavators. *Stroitel. mash. no. 13:31-33 '88.*
- Kashiba, N. M. - Use of thyristors in the electric drive of assembly crane mechanisms. *Stroitel. mash. no. 13:34-36 '88.*
- Kharin, A. I. - 30M-121 modernized suction dredge. *Stroitel. mash. no. 13:38-40 O '88.*
- Kozlov, I. A., Sigal, I. A. - Study of transportation schemes for mobile tower cranes. *Stroitel. mash. no. 13:31-33 '88.*
- Kozlov, I. A., and others. - Drive (leader) of the working end of a rotary excavator. *Mash. i mash. no. 6:23-25 '88.*
- Kozlov, I. A., Vartolomeev, V. P. - Strength calculation of metal structures in the working equipment of single-bocket construction excavators used in Northern regions. *Stroitel. mash. no. 13:31-33 '88.*
- Kozlovskaya, L. R., Dorobov, I. N., Kozlov, G. V. - D-712 and D-607 bulldozers. *Stroitel. mash. no. 13:37-38 O '88.*

82.89 Lifting cranes and other lifting mechanisms. Hoisting, dragging, etc.

- Lebedev, M. I. A. - Longitudinal vibrations in shaft hoist ropes in jacking the lifting vessel. *Parad. opyt v stroit. i ekspl. mash. no. 4:114-117 '87.*
- Lukin, I. V. - Passage of the rope through the shaft on hoists with a sectional drum. *Parad. opyt v stroit. i ekspl. mash. no. 4:118-123 '87.*
- Mikhaylov, K. K., Shishov, K. A. - Investigating local stressed state in steel crane girders. *Prost. stroit. 44 no. 5:24-28 '85.*
- Kozlov, P. N., Pustalov, V. P. - FIM beltconveying ropes manufactured by mechanical methods. *Parad. opyt v stroit. i ekspl. mash. no. 4:127-130 '87.*
- Mikhaylov, V. V. - Air treatment method in the pneumatic system of excavators working under low-temperature conditions. *Stroitel. mash. no. 13:10-12 O '88.*
- Kozlovskaya, L. R., and others. - Drilling machine. *Stroitel. mash. no. 13:10-12 O '88.*
- Isakov, I. A., Litvinskaya, A. A. - Selecting the proper speed for assembly cranes in industrial construction. *Stroitel. mash. no. 13:11-12 '88.*
- Pankratov, A. G., Pankratov, Z. P. - Determination of service life coefficient of calculating mine hoisting equipment made of plastic. *Parad. opyt v stroit. i ekspl. mash. no. 4:123-124 '87.*
- Pankratov, P. P. - Stressed state of guiding and deflection sheaves on mine hoists. *Parad. opyt v stroit. i ekspl. mash. no. 4:118-119 '87.*
- Pogarski, M. A., Akimov, M. I., Begirer, L. E. - Experimental scraper with diesel-electric transmission and motor wheels. *Stroitel. mash. no. 13:11-12 '88.*
- Ramov, A. V., Agorov, M. I., Rustanovich, A. V. - Reliability of hydraulic drive elements in the traction mechanism of excavators. *Stroitel. mash. no. 13:10-12 O '88.*
- Isakov, A. V. - Economic losses of single-bocket excavators with various types of drives. *Mash. i mash. no. 6:11-13 '88.*
- Kozlov, B. I. A. - Cores for the EK-406 and EK-908 cranes. *Mash. i mash. no. 6:11-13 '88.*

82.89 Lifting cranes and other lifting mechanisms. Hoisting, dragging, etc.

- Isakov, A. I. - Self-propelled jib cranes. *Eksp. stroit. no. 11:18-23 '88.*
- Isakov, M. I. - Efficiency of excavator ropes. *Parad. opyt v stroit. i ekspl. mash. no. 4:123-124 '87.*
- Gorodetski, I. M. - The use of lifting in the metal frames of tower construction cranes. *Mash. i mash. no. 6:27-28 '88.*
- Isakov, A. N., Isakov, I. U., Vasil'ev, A. V. - Investigating the strength and rigidity of winch drums. *Stroitel. mash. no. 13:11-12 '88.*
- Isakovskiy, I. B. - Scaffolds and scraper trays with motor sheaves in the U.S.S.R. *Mash. i mash. no. 6:11-13 '88.*
- Yaroslav, I. U. G. - Determination of permissible stresses in calculating cages. *Parad. opyt v stroit. i ekspl. mash. no. 4:108-109 '87.*
- Isakov, O. F. - Methods of determining the critical power in designing crane jibs. *Stroitel. mash. no. 13:10-12 O '88.*
- Vasil'ev, M. G. - Modernized 200-45M dredger. *Tracov. stroit. no. 8:34-35 Ag '88.*
- Volk, B. B. - Strength calculation methods for bulldozer cranes. *Stroitel. mash. no. 13:10-12 O '88.*
- Vasil'ev, A. E. - Flexible manipulator of a tower crane. *Stroitel. mash. no. 13:11-12 '88.*
- Vasil'ev, A. E. - MKG-100 assembly crane. *Stroitel. mash. no. 13:10-12 O '88.*

82.89 (478)—Italy

- Petrov, I. V. - Loading machines of the Balzer firm. *Stroitel. mash. no. 13:10-12 O '88.*

82.89 (471.384)—Voronezh Province

- Isakova, A. - A creative approach is needed. *Part. stizh. no. 13:27-28 '88.*

82.89 Mechanical structures and design

- Oskolova, A. I. - Nut wrench for bolts of caterpillar bands. *Stroitel. mash. no. 13:30-31 '88.*

82.89 Lubrication. Friction reducing and increasing devices

- Goncharov, V. D., Lukin, I. M., Tsvetkovskiy, A. D. - Unit for the purification of lubricating oil. *Mashinostroi'tel' no. 9:42-5 '88.*
- Kozlov, I. U. - Water instead of oil. *NTO M no. 1:11-13 '88.*
- Kapustin, M. - Scientific and technical conference on lubricants. *Mashinostroi'tel' no. 13:10 D '88.*
- Lerner, R. - Lubricant additives to drilling muds. *Mashinostroi'tel' no. 13:8-9 O '88.*
- Lisitski, V. B., Fedanin, A. I. - Wear resistance of construction machine sliding bearings made from austenitic-manganese cast iron. *Trudy Tshkh. sel'skhoz. inst. 10:14-19 '88.*
- Lisitski, V. B., Stanitskiy, D. I. - X-ray study of the surface layers of austenitic-manganese cast iron subjected to wear from sliding friction with lubricants containing abrasives. *Trudy Tshkh. sel'skhoz. inst. 10:14-19 '88.*
- Lisitski, V. B. - Wear resistance of austenitic-manganese cast iron during sliding friction with lubricants. *Trudy Tshkh. sel'skhoz. inst. 10:14-19 '88.*
- Mironov, G. D., Lekhtolman, M. M. - Methodology and study of the wear resistance of sliding bearings made with secondary osmium. *Trudy Tshkh. sel'skhoz. inst. 10:14-19 '88.*
- Vipper, A. B., Kozlov, S. K., Bauman, V. M. - Effect of the concentration of additives on their solubility capacity. *Mashinostroi'tel' no. 9:42-43 '88.*
- Vishniakov, V. I. - Influence of the lubricant on the friction and wear at high and ultrahigh temperatures. *Trudy NPI 17:165-171 '88.*

82.89 Tools. Machine tools. Machining

- Isakov, V. A. - A protective device. *Mashinostroi'tel' no. 9:44 '88.*
- Dorobov, V. V., Stavitski, N. M. - Vibrator units for dirt removal. *Art. prom. 34 no. 8:46-47 Ag '88.*
- Gavrilov, A. M., Godin, R. M. - Investigating the wearability of automated machine tools with a pneumatic and hydraulic feed drive. *Izv. vyz. shk. sav., mashinost.* no. 9:10-12 '88.
- Kozlov, P. A., Mironov, G. G. - Effect of the rigidity of geared grinding machines on the accuracy of the machining of openings. *Prilozheniya no. 4:18-17 Ag '88.*
- Kozlovskiy, R. A. - Installation of machine tools with foundations. *Prilozheniya no. 4:18-20 Ag '88.*
- Mikhaylov, V. G., Oskolovskiy, P. A. - Optimal polishing method used in the study of stresses originating in hard-alloy cutting tools during soldering. *Trudy NPI 17:83-87 '88.*
- Mikhaylov, V. G., Krapivin, M. G., Mikhaylov, V. M. - Influence of the speed of rock cutting on the performance of a cutting tool. *Trudy NPI 17:83-87 '88.*
- Mikhaylov, V. G., Krapivin, M. G., Oskolovskiy, I. A. - Investigating the half-block and watercutting methods of rock cutting. *Trudy NPI 17:83-87 '88.*
- Mikhaylov, V. G., Lisitski, I. U. P., Krapivin, M. G. - Performance of self-rotating cutting tools during rock breaking. *Trudy NPI 17:83-87 '88.*
- Mironov, V. V. - Effect of the degree level standardization on their production cost. *Stand. i mash. no. 12:20-24 '88.*
- Mironov, M. M., Kozlovskiy, M. G. - Buildings for precision machine tools. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlovskiy, M. I. - Quality and production of spare parts. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlovskiy, A. M. - A thread-cutting chuck. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlovskiy, B. G. - Equipment for machining both end of pipes for welding in assembly work. *Eksp. stroit. no. 11:14-15 '87.*
- Isakov, A. E. - Parts produced from metal powders. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlov, K. V. - An important factor in increasing production efficiency. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlovskiy, V. A., Vasil'ev, Z. V. - Device for purification of washing solutions. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Kozlovskiy, I. U. M. - Hydraulic floating shift mechanism. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Isakov, M. A. - Machining of spare parts should be improved. *Mashinostroi'tel' no. 9:44-47 Ag '88.*
- Vasil'ev, L. - Some problems of energy balance in metal cutting. *Prost. stroit. 44 no. 5:18-19 '85.*

82.89 (478)—United States of America

- Vasil'evskiy, E. - A new stage in the automation of the U.S.A. industry. *Mir. ekonom. i mashinostroi'tel'. no. 11:10-12 '88.*

82.89 Roughing, planing, shaping, slotting. Milling. Filigree. Boring. Drilling

- Agapov, R. - Selection of an effective geometric design for cutting tools. *Prost. stroit. 44 no. 5:18-19 '85.*
- Agapov, R. - The golden vortex duplicate-milling machine. *Prost. stroit. 44 no. 5:18-19 '85.*
- Isakovskiy, P. I. U. - Advantages of the diagonal method of gear cutting. *Art. prom. 34 no. 8:33-34 Ag '88.*

82.89 (471.380)—Moscow City

- Laptev, I. - Party warriors; a story about the Communists of a workshop. *Kommunist 45 no. 12:48-55 Ag '88.*

82.89 Abrasive, structural. Grinding, polishing. Coating, spraying and welding

- Agapov, R. - Automatic grinding control in a new material crusher. *Prost. stroit. 44 no. 5:18-19 '85.*
- Agapov, R. - Abrasive machining of hardened steels. *Prost. stroit. 44 no. 5:18-19 '85.*
- Agapov, R. - Efficient method of cracking porous stone materials. *Prost. stroit. 44 no. 5:18-19 '85.*

621.91 (Continued)

- Gavrilov, P. A., Sokolov, V. I. - Quality control of abrasive products. *Stand. i kach.* 22 no. 10-48-48 O '88.
- Olshov, A. Z. - Semi-automatic build-up welding of grinding mill liners with powder wire. *Svar. protv.* no. 9:38 S '88.
- Goncharov, V. D., Lukin, L. M., Tshernobyl'skiy, A. D. - Unit for the purification of lubricating oil. *Mashinostroitel'* no. 9:43 S '88.
- Kotlyakov, I. U. - Automated operation of a separating mill. *Tekhn. 34* no. 8:11 S-O '88.
- Maksimov, V. M. - Study of the operation of a one-star blade-type pulverized coal feeder under industrial conditions. *Tekhnologiya* 18 no. 9:28-33 S '88.
- Nandirya, S. A. - Use of M-48 electromagnets in the capacity of magnetic separators. *Kharkovsk* 18 no. 11:36-38 M '88.
- Nikitin, L., Orbelan, I. U. - Study of machining indices of hand-ground pivot races. *Prod. Arm.* 30 no. 10:31-31 '88.
- Piskunov, B. A., and others. - Effect of irregularities in the shape of rock on the specific power requirements in crushing. *Trudy U. druzh. nar.* 24:148-153 '87.
- Podratov, B. A., Ushakov, V. S., Boldov, I. U. V. - Experimental determination of the advance angle of equivalent crushing force in fine cone crushers. *Stroitel. mash.* 13 no. 11:18 M '88.
- Petrov, I. V., Krut'ko, L. Z. - Increasing the service life of turbine roller rotors. *Svar. protv.* no. 9:30 S '88.
- Rydzakov, R. K., Shchukin, M. M. - Effect of changing the crushing space on the operation of cone crushers. *Trudy U. druzh. nar.* 24:135-144 '87.
- Rydzov, A. V. - Interrelationship of changing with different working profiles of liners in ball grinding mills. *Kharkovsk* 18 no. 6:3-10 '88.
- Rydzov, A. V. - Interrelationship of the change with a smooth lining of ball grinding mills. *Kharkovsk* 18 no. 6:27-34 '88.
- Shagarda, A. A., and others. - Machining of piston rings in diamond-coated sleeves. *Art. prom.* 34 no. 8:23-33 Ag '88.
- Shchukin, G. M. - S-728 two-rotor hammer crusher. *Stroitel. mash.* 13 no. 11:14-18 M '88.
- Shukin, K. L. - Calculating the housing of the type KSD 1500/300 cone crusher. *Trudy U. druzh. nar.* 24:170-85 '87.
- Shchukin, A. V., Podratov, B. A. - Studying the flow of grinding charge in the drum of a tube mill. *Trudy Odeskensk.* no. 24:161-173 '88.
- Shchukin, E. P. - Problem of determining the shape of liners in crushing cones of gyratory crushers. *Trudy U. druzh. nar.* 24:88-94 '87.
- Shchukin, V. V. - Improving the grinding technology. *Trudy Odeskensk.* no. 24:130-180 '88.
- Ushakov, V. S., and others. - Dust formation under the impact of hammer crushers. *Kharkovsk* 18 no. 11:64-67 '88.
- Ushakov, V. S. - Selecting geometric dimensions for the eccentric unit of cone crushers. *Trudy U. druzh. nar.* 24:60-66 '87.

621.83 Sawing. Saws. Cutters

- Chukachen, B. - Coefficient of friction in vibrational mode of cutting. *Prod. Arm.* 30 no. 10:87-88 '88.
- Korotkiy, P. L., Podratov, B. A. - Selecting efficient parameters of friction circular saws for cutting reinforced-concrete products. *Pered. opt. v stroit. i eksp. shchit.* no. 4:190-196 '87.
- Tsvetkov, V. A. - Automatic centering of the crosscut blank while fastening it to the belt. *Trudy SNIILP* no. 3:44-45 '87.
- Tsvetkov, V. A. - Means of increasing the productivity of the TSVT-8A crosscutting machine constructed by the Sverdlovsk Scientific-Research Institute of the Lumber Industry. *Trudy SNIILP* no. 3:48-55 '87.
- Tsvetkov, V. A. - Problems in the creation of a screw conveyor feeder for cross presentation of logs. *Trudy SNIILP* no. 3:41-47 '87.
- Vasil'ev, G. M. - Calculation of the time cycle of a circular saw stand for crosscut sawing of timber. *Trudy SNIILP* no. 3:23-23 '87.
- Vasil'ev, G. M. - Some aspects of the improvement of sawing devices for backing logs. *Trudy SNIILP* no. 3:4-41 '87.
- Vesel'nikov, S. G., Barinov, M. V. - Pneumatic system for the unloading of one hanging over openings in hopper. *Pered. opt. v stroit. i eksp. shchit.* no. 4:180-186 '87.

621.84 Lathe and lathe work. Turning

- Babichuk, A. - Operational method of determining the rigidity of lathe units. *Prod. Arm.* 30 no. 10:68-67 '88.
- Makarskiy, M. A. - A taper turning device. *Mashinostroitel'* no. 9:40 S '88.
- Makarskiy, G. A. - High-productive automatic lathe built on the basis of a new machining method and a line diagram grouping of the Moscow Higher Technical School. *Izv. vyz. shk. sav. i mashinost.* no. 9:188-170 '88.
- Shchukin, I. I. - A control device. *Mashinostroitel'* no. 9:41 S '88.

621.86 Drills and drilling. Boreholes. Drilling

- Barabola, A. A. - A multiple-position drilling jig. *Mashinostroitel'* no. 9:41 S '88.
- Malyshev, M. L., Barabola, V. G. - Device for pre-drilling of boreholes. *Mashinostroitel'* no. 9:44 S '88.

621.88 Forming. Bending. Shearing. Cleaving

- Pogrebniy, D. M. - Repair of guillotine shafts by welding. *Svar. protv.* no. 9:41 S '88.
- Morozov, I. V. - Manual shears for cutting excess metal in part tolerances. *Mashinostroitel'* no. 9:34 S '88.

621.87 Hammer. Presses

- Kamnev, P. V. - Improving forgings. *Mashinostroitel'* no. 9:33-34 S '88.

621.97 (471.84)—Sverdlovsk Province

- Lagunov, G. P. - Assembly of a 4000/8500-ton press. *Mosk. i spets. rab. v stroit.* 28 no. 6:10-11 My '88.

621.98 Sheet metal working. Bending machines

- Zaslavskiy, M. I. - Bending and thermal treatment of cranking tabs. *Mosk. i spets. rab. v stroit.* 28 no. 6:31-33 My '88.

622 Mining and mineral dressing

- Belikov, O. A., Gorbachev, V. M. - Methods of selecting optimum technological solutions by combination of criteria. *Trudy Inst. gor. dela AN Kazakh SSR* 33:78-84 '88.
- Dovgal', V. S. - Interpolation of functions of several variables in a phase space. *Trudy Inst. gor. dela AN Kazakh SSR* 33:84-110 '88.
- Dudnik, G. P., Maslennikov, M. I. - Determining the optimum transportation system. *Trudy Inst. gor. dela AN Kazakh SSR* 33:13-13 '88.
- Dudnik, G. P. - Network method of selecting a partial subgraph with given properties on the multigraph. *Trudy Inst. gor. dela AN Kazakh SSR* 33:93-101 '88.
- [Minsk] Rel. shur. i Gor. delo no. 3-10 Mr.-O '88.
- Milakov, O. M. - Industrial distribution of the production of a mine by shifts. *Trudy Inst. gor. dela AN Kazakh SSR* 33:85-87 '88.
- Milakov, O. M., Dvornikova, V. M. - Nonlinear problems of the distribution of resources. *Trudy Inst. gor. dela AN Kazakh SSR* 33:74-77 '88.
- Milakov, O. M., Shchukin, D. M. - Distribution of ore crop by blocks. *Trudy Inst. gor. dela AN Kazakh SSR* 33:84-84 '88.
- Petrovskiy, A. I., Tikhonov, A. Kh. - Solving distribution problems on electronic models. *Trudy Inst. gor. dela AN Kazakh SSR* 33:114-118 '88.
- Rogov, M. I., Baev, S. V. - Stochastic method of determining degrees of the effect of phase variables on the optimization criteria in mathematical modeling of large systems. *Trudy Inst. gor. dela AN Kazakh SSR* 33:80-84 '88.
- Syratov, M. - We should amend the laws which regulate the utilization of generally used minerals. *Sov. kach. no. 10:8-7 Ag '88.*
- Tsibul', S., Dudnik, G. P. - Mathematical model of the opening of a mining area. *Trudy Inst. gor. dela AN Kazakh SSR* 33:5-7 '88.
- Tsibul', S., Gorbachev, V. M. - Scheduling the occupation of operations in a mining area. *Trudy Inst. gor. dela AN Kazakh SSR* 33:33-33 '88.

622.477—Ukrainian S. S. R.

- Gritsai, A. P., Kalish, S. A. - Application of mathematical methods in establishing norms for working capital in coal mines. *Ekonom. i organ. prom. prodv.* no. 3:102-110 '88.
- Maslovskiy, K. S., Kalish, S. A., Medvedev, V. M. - Improving the use of capital production funds in the coal industry of the Ukrainian S. S. R. *Ekonom. i organ. prom. prodv.* no. 3:113-125 '88.

622.477.6—Dones Basin

- Starikov, A. V., Mokshina, L. L., Odolotkova, M. M. - Selection of the optimal section of seam workings. *Ekonom. i organ. prom. prodv.* no. 3:126-130 '88.

622.53 Mining operations. Exploitation and working of mineral deposits. Ore and gas well drilling

- Alekseyev, Y. I., Mikhailov, L. - Good counselors. *NTO* 10 no. 11:18 M '88.
- Arbuzov, M. L., and others. - Economical-mathematical model for establishing optimum sequences for the start of development of oil fields in a region. *Mosk. khos.* 44 no. 10:1-6 O '88.
- Bagdasaryan, Sh. B., Kuznetsov, M. V. - Analysis of the geometry of a cutting instrument in the process of drilling. *Izv. vyz. shk. sav. i geol. i razv.* II no. 4:114-117 Ag '88.
- Belash, P. M., Kirilichuk, A. M. - Methods of the construction of electric models for solving problems of oil and gas field development. *Trudy MINKHIMP* no. 47:23-40 '84.
- Belash, P. M. - Use of the Monte Carlo method for solving development problems of oil and gas reservoirs. *Trudy MINKHIMP* no. 47:13-13 '84.
- Belash, P. M., Khodanov, V. L., Kirilichuk, A. M. - Resistance-network electric models for solving the problems of electric and gas drives. *Trudy MINKHIMP* no. 47:44-52 '84.
- Berezin, L., Mikhaylov, B. - Device for preventing shacking of a coater-pelley cable. *Mosk. khos.* 44 no. 10:33-33 O '88.
- Boisak, M. S., and others. - Hydraulic conveying of rock during drainage operations in open-pit brown coal mines. *Pered. opt. v stroit. i eksp. shchit.* no. 4:14-19 '87.
- Bocharov, S. T. - Development of high-temperature zones during the application of electric current for the stimulation of coal formations. *Trudy MINKHIMP* no. 47:166-207 '84.
- Chernik, V. P., Dobrynskiy, I. U. P. - Use of thermolite in petroleum engineering. *Mosk. khos.* 44 no. 10:63-63 O '88.
- Delavinskiy, L. Kh., and others. - Static frequency converters for the drives of underground bolting equipment. *Vysv. shchit.* no. 3:258-264 '87.

- Delavinskiy, V. I., and others. - Some problems of studying the wear of tapered thread gauges for tool joint threads. *Za tekhn. prog.* 8 no. 10:17-19 O '88.

- Mikhaylov, V. I. A. - Calculating parameters and selecting conditions of cutting for the cutting actuating mechanism of coal cutter-loaders. *Trudy Inst. gor. dela AN Kazakh SSR* 33:40-43 '88.

- Kolov, V. M. - Two-dimensional and nonstationary multidimensional problems of the movement of non-Newtonian fluids in a porous medium. *Neft. khos.* 44 no. 10:47-53 O '88.

- Khokhlov, I. I. - Asymptotes of curves of logging for thin layers. *Izv. vyz. shk. sav. i geol. i razv.* II no. 4:106-107 Ag '88.

- Fedorov, V., Mikhaylov, B. - Preventing the overflow of drilling mud during pulling and running of drill pipes and tubing. *Mosk. khos.* 44 no. 10:25-26 O '88.

- Galkovskiy, V. K. - Effectiveness of the exploitation of drilling lines of the type LK-20 8x3 + O.5, with bypass. *Mosk. i spets. rab. v stroit.* no. 10:1-8 '88.

- Galkovskiy, V. K. - Method for measuring drilling tools in the BU-125-BD unit. *Mosk. khos.* 44 no. 10:23 O '88.

- Galkovskiy, V. K., Krut'ko, L. Z. - Geometrical design of rotating cutting tools on stone cutter-loaders. *Trudy MPI* 17:73-78 '88.

- Galkovskiy, V. K., Shchukin, I. U. - Calculating the body of universal presser. *Za tekhn. prog.* 8 no. 10:18-23 O '88.

- Gavrilov, M. - Results are excellent and steady. *Sov. shchit.* 18 no. 10:6-7 O '88.

- Gorbachev, V. A., Kolodachov, M. P. - Microproportioning equipment for the automatic analysis of pulp. *Pered. opt. v stroit. i eksp. shchit.* no. 4:158-160 '87.

- Gorbachev, V. A., Gorbachev, M. G. - Study of forces acting on the bit in drilling fractured rock partings. *Mosk. khos.* 44 no. 10:12-15 O '88.

- Kabonovskiy, V. P. - On the cooling of the gas in gas-condensate deposits. *khos. - fiz. shchit.* 8 no. 2:177-208 Ag '88.

- Kasabala, A. M. - Ways to increase the quality of formation tapping. *Mosk. khos.* 44 no. 10:29-33 O '88.

- Karad, S. V. - Industrial tests of equipment for measuring horizontal static dynamic loads of the armoring struts of vertical mine shafts. *Vysv. shchit.* no. 4:203-215 '87.

- Karimov, S. K. - Distortions of telemetric signals in measuring the parameters of vibration in electric drilling. *Za tekhn. prog.* 8 no. 10:1-2 O '88.

- Khrushch, I. M. - Performance of the components of the forward-rotary-actuating mechanism on auger drills. *Trudy MPI* 17:118-119 '88.

- Kirilichuk, A. M., Shchukin, A. L. - Construction of electric integrators with the use of semiconductor diode switches. *Trudy MINKHIMP* no. 47:61-66 '84.

- Kirilichuk, A. M., Shchukin, A. L. - Device for oscillographic display of nodal potentials in electric integrators with a rotary cam. *Trudy MINKHIMP* no. 47:80-83 '84.

- Kirilichuk, A. M. - Use of solid conducting medium in continuous models for solving problems of electric and gas drives. *Trudy MINKHIMP* no. 47:64-80 '84.

- Konoplev, K. - Kholod Technical School of Petroleum Engineering. *Bred. spets. obr.* 16 no. 4:28-28 Ag '88.

- Kozlov, M. M., Lebedev, O. A., Shchukin, M. A. - Experimental study of changes in the strained state of casing in the process of flushing and cementing of wells. *Mosk. khos.* 44 no. 10:18-20 O '88.

- Krapivin, M. G. - Calculating stresses in cokers during borehole drilling. *Trudy MPI* 17:8-31 '88.

- Kudachikov, A. - Device for measuring the back volume of drill pipes. *Mosk. khos.* 44 no. 10:23 O '88.

- Kutiev, I. U., and others. - Results of field tests of the electric drive of a drilling-rig draw works with a sliding sleeve and an electromagnetic brake. *Mosk. i spets. rab. v stroit.* no. 10:11-18 '88.

- Kuznetsov, M. M., Lebedev, O. A., Shchukin, M. A. - On efficient operating conditions of automatic pulling-and-running machinery in the drilling of super-deep wells. *Mosk. khos.* 44 no. 10:21-22 O '88.

- Larner, R. - Lubricant additives to drilling fluids. *Mosk. khos.* 44 no. 10:6-6 O '88.

- Mikhaylov, V. M., and others. - Comparative effectiveness of oil displacement under different systems for developing fractured-reservoir pools. *Trudy Sverdlovsk* no. 3:43-167.

- Mikhaylov, V. M. - Selecting the technology of mining and the parameters of systems of working flat seams of the Donetsk Basin in hydraulic mining. *Trudy MPI* 17:158-158 '88.

- Mikhaylov, K. T. - Natural decrease in oil production and its compensation. *Mosk. khos.* 44 no. 10:7-11 O '88.

- Mikhaylov, M. A. - Relative slipping of bands and wear of lining of belt conveyors. *Izv. vyz. shk. sav. i geol. i razv.* II no. 4:128-128 Ag '88.

- Maler, V. A., Mikhaylov, V. B., Krotkov, M. L. - Results of testing X-ray radiometric logging in the ore deposits. *Vest. LGU* 33 no. 10:21-22 S '88.

- Mikhaylov, E. - Where gold is being mined in the mountains. *Prod. Arm.* 30 no. 6:3-5 '88.

- Mikhaylov, V. G., Dubinskii, V. M. - Evaluating conditions of coal cutting during the movement of the tool along the cycloid curve. *Trudy MPI* 17:162-167 '88.

- Mikhaylov, V. G., Galod, A. B., Krapivin, M. G. - Performance of multi-blade plows in underground seams. *Trudy MPI* 17:84-183 '88.

- Mikhaylov, V. G., Krapivin, M. G., Balov, V. Y. - Influence of the cooling medium on the performance of a mining cutting tool, and determination of the efficient conditions of cooling. *Trudy MPI* 17:48-61 '88.

- Mikhaylov, V. G., Krapivin, M. G., Makhov, V. M. - Influence of the speed of rock cutting on the performance of a cutting tool. *Trudy MPI* 17:37-47 '88.

- Mikhaylov, V. G., Krapivin, M. G., Shchukin, I. A. - Investigating the ball-block and underpinning methods of rock cutting. *Trudy MPI* 17:23-23 '88.

622.2 (Continued)

- Mikhailov, V.G., Kravits, M.G., Sidakov, S.I. - Investigating and elaborating parameters of self-propelled rigs for borehole drilling in salt. *Trudy VNI* 174 102-109 '68.
- Mikhailov, V.G. - Remarks and tasks of scientific studies of the Department of Mining Machines. *Trudy NPI* 175 3-7 '68.
- Mikhailov, V.G., and others. - Displacement of soluble and non-soluble viscous fluids. *Neft.khoz.* 44 no.10 45-47 O '68.
- Mikhlin, V.D. - A profitable and promising business: ways of expanding the open-pit coal mining. *Sov. shakht.* 15 no.10 3-4 O '68.
- Nikol'skii, A.Y. - Experience in drilling large-diameter shafts and boreholes. *Pered. opyt v stroit. i eksp. shakht.* no.4 127-130 '67.
- Orudzhov, S. - Soviet oil. *Nov. vrem.* 36 no.5 15-7 O '68.
- Orlov, V. - Scientific Labor Organization: plans and practice. *Neftianik* 13 no.10 19 O '68.
- Pankratov, S.A., and others. - Effect of irregularities in the shape of rock on the specific power requirements in crushing. *Trudy U. druzh. nar.* 34 143-152 '67.
- Pankratov, S.A. - Certain problems in the synthesis of dynamic characteristics of machinery used in open-pit mining. *Trudy U. druzh. nar.* 34 5-13 '67.
- Prok, A.L., Avakov, M.I. - Braking device for an electric drill. *Neftianik* 13 no.10 33 O '68.
- Rakov, I.A., Mironov, I.I. - Equipment for determining main values of stresses acting upon the center. *Trudy NPI* 175 145-148 '68.
- Rastuk, L. - Improving public eating facilities of petroleum workers. *Neftianik* 13 no.10 33 O '68.
- Rozdakovskii, I.A., Apukhov, F.P., Kabanov, D.D. - Considering the effect of stress factor in the evaluation of cut limestone strength. *Trudy Khim. politekh. inst.* no.7 84-85 '67.
- Rykhlov, V.V., Kozlovskii, Zh.A., Malin, R.A. - Time of quantization speed of turbodrill rotation with discrete control. *Mash. i mekh. avtom.* no.10 19-21 '68.
- Rykhlov, V.V., Kozlovskii, Zh.A. - Effect of changing the crushing space on the operation of cone crushers. *Trudy U. druzh. nar.* 34 136-144 '67.
- Sakun, M.L. - Efficiency of conveyor ropes. *Pered. opyt v stroit. i eksp. shakht.* no.4 136-138 '67.
- Salimov, E.S., and others. - Determining dynamic characteristics of flowing wells. *Trudy MINKHIMP* no.47 163-164 '64.
- Sarilov, A.L., Karabashina, M.A., Mironov, V.I. - Electromagnetic vibropressure mechanism with a contactless interrupter. *Trudy MINKHIMP* no.47 1-5 '64.
- Shcherbakov, E.V., Leonov, E.G., Makarskii, V.D. - Formation of a gasier during the presence in the well of a hatch of gassy drilling mud. *Geol. prom.* 13 no.8 3-7 O '68.
- Shulgin, Kh. - Control and automation of emergency operations in oil and gas well drilling. *Neft.khoz.* 44 no.10 35-38 O '68.
- Silkin, E.L. - Calculating the loading of the type KKD M40/180 cone crusher. *Trudy U. druzh. nar.* 34 10-18 '67.
- Smirnov, V.A. - Determining dynamic loads in natural oscillations of a drilling string. *Mash. i mekh. avtom.* no.10 3-7 '68.
- Smolodskii, V.G., Kuznetsov, P.G. - New supply sources for electrodes in electrochemical coating of wells. *Mash. i mekh. avtom.* no.10 15-18 '68.
- Solodovnikov, E.P. - Problem of determining the shape of shafts in crushing cones of gyratory crushers. *Trudy U. druzh. nar.* 34 43-49 '67.
- Sukhtiev, E.P. - Problem of optimization of stressed state of teeth in bevel gear drives of medium and small-size crushers. *Trudy U. druzh. nar.* 34 60-63 '67.
- Timofeev, A.M., and others. - Practice in finding carried under reduced concrete lining of shafts based on gravimetric data. *Obshch. shor. inst. geod.* 17 AM 2233 no.5 87-88 '67.
- Under the new conditions: by blasting method. *Sov. shakht.* 15 no.10 8-10 '68.
- Ushakov, V.S. - Selecting geometric dimensions for the eccentric shaft of cone crushers. *Trudy U. druzh. nar.* 34 80-82 '67.
- Vassilov, S.G., Drabyshev, L.V., Logvin, M.E. - Testing and adjustment of high-pressure fans for fans of coal preparation plants. *Pered. opyt v stroit. i eksp. shakht.* no.4 161-165 '67.
- Vladimirov, V.I. - Influence of the lubricant on the friction and wear at high and ultrahigh temperatures. *Trudy NPI* 175 183-187 '68.
- Vladimirov, V.I., Kozlov, A.A. - Mechanism of the friction wear of parts at high temperatures in a complex gas medium. *Trudy NPI* 175 187-184 '68.
- Vodnik, O.M., and others. - Conditions of rock boring in using so-called electric drills with differential-helical feed. *Trudy NPI* 175 119-127 '68.
- Vodnik, O.M., Dronov, A.M. - Experimental stand for drills with a rotative motor and a planetary-type differential for drilling vertical boreholes. *Trudy NPI* 175 127-141 '68.
- Vodnik, O.M., Rylov, E.V., Sazonov, M.I. - Experimental investigations of operating conditions of rock drills, based on the new principle of connecting the differential-drive pair. *Trudy NPI* 175 145-151 '68.
- Vorobey, S.F. - Determining efficient conditions for rotary drilling of boreholes according to the wear of bits. *Pered. opyt v stroit. i eksp. shakht.* no.4 31-42 '67.
- Vork, O.G., Chervyi, B.I., Mychaluk, A.V. - Efficiency of blasts of charges with air envelopes in loams. *Dop. AN URSR. Ser. A* 30 no.11 1044-1058 N '68.
- Zaslavskii, G.M., Ruzh. I. Lerner, I. Khatser, A. R. - Generalization of the experience in mechanizing sloping operations in operating coal mines of the Donets Basin. *Pered. opyt v stroit. i eksp. shakht.* no.4 83-87 '67.
- Zubarev, V.G. - Stressed state of rocks in well walls. *Neft.khoz.* 44 no.10 33-35 O '68.

622.3 (471.41)—Tabor A. S. S. R.

- Kozlov, O.M. - Use of various metering modes in wells sunk in oil - gas - bearing formations of the Tatar A. S. S. R. *Neftyanik* 13 no.10 41-44, 3 of cover. '68.
- Mikhailov, A. - On an oil-bearing section. *Part. shakht.* no.13 48-50 JI '68.
- 622.3 (471.43)—Krylovskiy Province
- Dmitriyev, S., Vinograd, V. - New method of relating qualifications of engineering and technical personnel in drilling. *Neftianik* 13 no.10 16-17 O '68.
- 622.3 (471.44)—Sverdlov Province
- Kozlov, D., Volokh, V. - Work under new conditions. *Neftianik* 13 no.10 11-12 D '68.
- 622.3 (471.45)—Volgograd Province
- Diagilev, E., Khabibov, A. - Scientific labor organization in helping production. *Neftianik* 13 no.10 16-18 D '68.
- 622.3 (471.45)—Bashkir A. S. S. R.
- Babich, M. - Three propositions of the efficiency promoters of the "Arhangel" Oil Field Administration. *Neftianik* 13 no.10 18-19 O '68.
- Bondareva, E. - Trade union workers study and exchange their work experience. *Neftianik* 13 no.10 18 O '68.
- Devizhanov, V.V., Khabibov, A.A. - Mechanization of properties of petroleum of some Bashkir fields. *Neft.khoz.* 44 no.10 39-41 O '68.
- Korobov, P. - Combination of skills increases labor productivity. *Neftianik* 13 no.10 18 O '68.
- Valkov, M. - Organizing the training of rapid workers in putting together and taking apart the electric centrifugal pumps. *Neftianik* 13 no.10 13 D '68.
- 622.3 (471.51)—Krasnodar Territory
- Makhsudov, E., Sharov, V. - Results of experimental-commercial operations in creating in-situ combustion. *Neftianik* 13 no.10 24-26 O '68.
- Mikheev, B. - Scientific labor organization in the geological service. *Neftianik* 13 no.10 17-18 D '68.
- Mugrov, V.V., and others. - Results of experimental-commercial operations in creating in-situ combustion in productive layers in gas condensate fields of Krasnodar Territory. *Korr. i uslozh. v neftokh. prom.* no.3 13-19 '68.
- 622.3 (471.53)—Sverdlov Territory
- Kalish, K. - His position in life. *Neftianik* 13 no.10 13 O '68.
- 622.3 (471.55)—Chuvash-Ingush A. S. S. R.
- Chabashov, A. - North Caucasian Scientific Research Institute coming to the aid of petroleum workers. *Neftianik* 13 no.10 24-26 O '68.
- Tishchenko, A. - Mark of a master. *Neftianik* 13 no.10 23 D '68.
- 622.3 (471.6)—Dnepropetrovsk
- Alakseev, V.B. - Experience in rapid mining at the "Lutskinsk-Berestovsk" Mine. *Pered. opyt v stroit. i eksp. shakht.* no.4 23-24 '67.
- 622.3 (471.7)—Western Ukraine
- Makhsudov, E., Sharov, V. - Results of experimental-commercial operations in creating in-situ combustion. *Neftianik* 13 no.10 24-26 O '68.
- Master of Carpathian resources. *Neftianik* 13 no.10 23-24 D '68.
- 622.3 (471.34)—Azerbaijan A. S. S. R.
- Abramov, T. - Work experience of Azerbaijan oil-field workers. *Neftianik* 13 no.10 14-15 D '68.
- Bardilov, A., Dzhambalov, P. - On the right road. *Neftianik* 13 no.10 34-36 D '68.
- Pozdnyakov, B. - Five-day work week and petroleum worker's leisure time. *Neftianik* 13 no.10 33-34 D '68.
- Trifilov, M.S., Smolod, I.U. - Protective guard of section bridges operating on fill zones of offshore oilfields. *Korr. i uslozh. v neftokh. prom.* no.3 23-28 '68.
- 622.3 (471.18)—Tumen' Province
- Devizhanov, V. - Skillful use of technology is the basis for success. *Neftianik* 13 no.10 13 D '68.
- Kozlov, P. - Applying the methods of industrialization. *Neftianik* 13 no.10 13-14 D '68.
- Rakhov, E. - Routes of the drilling committee. *Sov. neftokh. prom.* 34 no.10 8-9 O '68.
- 622.3 (471.4)—Kazakh A. S. S. R.
- Mikhailov, V. - Ways for improving the organization of the industrial process of well construction of the Mangyshlak Peninsula. *Neftianik* 13 no.10 22-23 O '68.
- Kozlov, M.V., and others. - Mechanization of properties of petroleum in reservoir conditions in the Uzun' field. *Neft.khoz.* 44 no.10 33-37 O '68.
- 622.3 (471.1)—Uzbek A. S. S. R.
- Orudzhov, V.L., Bakhturov, M.R. - Results of studying viscoplastic properties of anomalous Uzbek petroleum. *Neft.khoz.* 44 no.10 41-43 O '68.
- 622.3 (471.4)—Turkmen A. S. S. R.
- Moskalev, E.F., Bakhturov, M.R. - Optimum water content of petroleum should be desalted. *Neft.khoz.* 44 no.10 43-50 O '68.
- 622.3 (71)—United States of America
- Smirnov, V. - Exploitation of oil fields in the Cook Inlet. *Neftianik* 13 no.10 34 D '68.

622.3 Mining of specific minerals, ores, rocks, liquid and gas resources

- Ananov, P., and others. - Work achievements in the 23rd Congress of the CPSU. *Neft.khoz.* 44 no.4 4-5 Ap '68.
- Babalan, A. - On the eve of the Lenin anniversary. *Neftianik* 13 no.10 28 D '68.
- Bagov, M.S., and others. - Study of water-oil displacement from nonuniform porous and fractured-porous media. *Trudy SerkavNI* no.3 138-143 '67.
- Bagov, M.S., and others. - Evaluation of electron wettability of rocks in oil pools. *Trudy SerkavNI* no.3 143-146 '67.
- Bakhturov, O.A., Gorbachev, V.M. - Optimal layout of the network of mining operations. *Trudy Inst. geod. AN Kazakh. SSR* 33 24-29 '68.
- Bakhturov, V.L. - Dynamics of nitrate nitrogen in mineral and ammoniacal fertilizers. *Tor. prom.* 6 no.10 23-26 '68.
- Baranov, V.P. - Industrialization of the assembly of field terminal-pressure pumping plants. *Sov. shakht.* 15 no.10 27-28 Mr '68.
- Belash, P.M. - Coefficients of effect and interference in solving the problems of regulating oil and gas withdrawal from fields. *Trudy MINKHIMP* no.73 2-11.
- Bondarenko, L. - Economic knowledge for all, an indispensable condition. *Sov. shakht.* 15 no.10 3 O '68.
- Boryshov, M. - Stand on guard of labor laws. *Sov. shakht.* 15 no.10 30-31 O '68.
- Bredikhin, A., Mikhlin, A., Stankovskiy, I. - Increase the process of drying peat in the production of a half-briquette. *Tor. prom.* 6 no.10 23-25 '68.
- Chalkov, A.I., Petrovich, V.M. - Quality of peat produced by consumer demand for 1964-1967. *Tor. prom.* 6 no.10 21-22 '68.
- Cheremisin, M. - Leader and the community of miners. *Sov. shakht.* 15 no.10 28-29 O '68.
- Coal of 200 million tons is achieved! *Neftianik* 13 no.10 24-26 O '68.
- Deglarov, M.M., Bagov, M.S., Polubinskiy, V.G. - Reducing the displacement of oil by high-pressure gas in nonuniform and fractured-porous media using blank models. *Trudy SerkavNI* no.3 143-145 '67.
- Douglas, S.G. - Capital construction in the petroleum production industry ought to be speeded up. *Sov. shakht.* 15 no.10 3-5 Ap '68.
- Kidakov, V.A. - Determining optimum parameters in mechanized stopes in flat seams. *Trudy Inst. geod. AN Kazakh. SSR* 33 44-47 '68.
- Kozlov, V.M. - Two-dimensional and non-dimensional problems of the movement of oil-bearing fluids in a porous medium. *Neft.khoz.* 44 no.10 3 O '68.
- Petrov, V., Zolotarev, B. - Heating of guard beds in general premises by hot air. *Neftianik* 13 no.10 23-24 D '68.
- Gas industry in the new five-year plan. *Neft.khoz.* 44 no.10 3 Ap '68.
- Gavrilov, M.M. - Certain peculiarities in the operation of MK-1, SP-dish sizers. *Tor. prom.* 6 no.10 24-25 '68.
- Gorodkov, O.L. - Petroleum industry is the basis of our life. *Neft.khoz.* 44 no.10 3 O '68.
- Gurevich, G.R. - Calculating the viscosity of oil-gas mixtures at high pressures and temperatures. *Geol. zh.* 44 no.4 33-35 '68.
- Gubenko, I.A.P. - Efficiency of capital assets in the oil industry. *Pered. opyt v stroit. i eksp. shakht.* no.4 74 '67.
- Karalish, M.I. - The Beloberezhskiy Petroleum Enterprise in the third year of the five-year plan. *Tor. prom.* 6 no.10 4-7 '68.
- Kozlovskiy, A.L., Seduk, A.A. - Evaluating relative rock permeability for oil and gas in a porous-fractured reservoir using field data. *Trudy SerkavNI* no.3 145-147 '67.
- Kovalov, M.M. - Relation of the coefficient of current yield of oil to the density of well pattern. *Geol. zh.* 44 no.10 34-36 D '68.
- Kuratiev, I.U. - A loyal helper of the party. *Neftianik* 13 no.10 4 O '68.
- Lavrov, M. - How much oil is there in the world? *Neftianik* 13 no.10 37 D '68.
- Lobachev, M.P. - Determination of reservoir properties of fractured rocks on the basis of field data. *Trudy SerkavNI* no.3 141-142 '67.
- Lobachev, M.P. - Determining the upper limit of applicability of the linear law of filtration. *Trudy SerkavNI* no.3 143-145 '67.
- Lobachev, M.P. - Filtration of liquid in fractured rocks. *Trudy SerkavNI* no.3 146-148 '67.
- Lobachev, M.P. - Stationary fluid flow in case the flow characteristics are in linear relation to pressure. *Trudy SerkavNI* no.3 147-148 '67.
- Lobachev, M.P. - Steady inertial flow of liquid in a deformable rock. *Trudy SerkavNI* no.3 149-150 '67.
- Lavkov, P.V., Rozdolov, L.M. - Small liquid-level indicators. *Mash. i mekh. avtom.* no.10 33-34 '68.
- Lobachev, V.I., and others. - Experience in conducting and using complex photolysis for the determination of internal potentials in coal mines. *Pered. opyt v stroit. i eksp. shakht.* no.4 77-83 '67.
- Makhturov, V.M., Bortsova, G.A., Belova, G.A. - Coefficient of volume elasticity of rocks. *Trudy SerkavNI* no.3 144-145 '67.
- Makhturov, V.M. - Determination of compressibility factors of secondary interactions and fractured media. *Trudy SerkavNI* no.3 141-143 '67.
- Makhturov, V.M. - Effect of temperature changes on the permeability and permeability of fractured and porous media. *Trudy SerkavNI* no.3 146-147 '67.
- Makhturov, V.M. - Impaction of elastic material bodies in closed pools with fractured reservoirs. *Trudy SerkavNI* no.3 148-149 '67.
- Makhturov, V.M. - Permeability changes of a fractured medium caused by pressure. *Trudy SerkavNI* no.3 147-148 '67.
- Makhturov, V.M. - Structural design of fractured medium. *Trudy SerkavNI* no.3 147-148 '67.

622.3 (Continued)

- Makarov, I. U. L., Shakhmatov, V. S. - Some characteristics of network subgraphs. *Stroitel'stvo*, II no. 3-5 Mr '68.
- Makarov, K. T. - Natural decrease in oil production and its composition. *Naft.khoz.* 46 no.10:7-11 O '68.
- Mamedov, I. U. S. - Studying a multistage throttle unit for the prevention of hydrate formation. *Gas.delo* no.4:7-9 '68.
- Mikhailov, V. G., Dolinskii, V. M. - Evaluating conditions of coal cutting during the movement of the tool along the cycloid curve. *Trudy NPI* 176:143-147 '68.
- Mikhailov, V. G., Golod, A. B., Krapivin, M. G. - Performance of static blade plows in anthracite seams. *Trudy NPI* 176:144-148 '68.
- Mikhailov, V. G., Krapivin, M. G., Sidorov, S. I. - Investigating and elaborating parameters of self-propelled rigs for borehole drilling in salt. *Trudy NPI* 176:149-159 '68.
- Mikolov, O. N. - Method of determining the annual capacity of a mine. *Trudy Inst.gor.dob.AN Kazakh SSR* 32:46-51 '68.
- Mukhta, V. D. - A profitable and promising business: ways of expanding the open-pit coal mining. *Sov.shakht.* 15 no.10:3-4 O '68.
- Moskvin, G. - Making use of all potentialities. *Sov.shakht.* 15 no.10:9 O '68.
- Ostrov, A. - Fifth session of the working group of the Committee on Gas of the European Economic Commission of the United Nations. *Gas.prom.* 13 no.8:45 Je '68.
- Ostrov, V. - Today's cultural centers. *Meftanik* 13 no.12:9 D '68.
- Polyakov, A. - To avoid inventing what is already invented. *Meftanik* 13 no.10:30-32 O '68.
- Radchenko, G. A., Slopykh, V. F., Shreder, I. U. F. - Conditions of sectioning ventilating systems. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:33-44 '68.
- Silinshteyn, E. S., and others. - Determining dynamic characteristics of flowing wells. *Trudy MINTIIGP* no.47:122-124 '64.
- Shcherbin, R. V., Leonov, E. G., Malevanaki, V. D. - Formation of a gasier during the process in the well of a batch of gassy drilling mud. *Gas.prom.* 13 no.8:6-7 Je '68.
- Shchekotov, D. I., Greshakov, L. S. - On the increase of production of post-brigetting plants. *Torf.prom.* 46 no.10:19-21 '68.
- Shigorev, V., Sapozhnikov, B., Stepanovich, G. - Work of mine foremen should be organized. *Sov.shakht.* 15 no.10:11-12 O '68.
- Sil'manov, A. - Aiming for 300 million tons of petroleum. *Meftanik* 13 no.10:12-11 O '68.
- Sil'manov, M. N. - Planning the organization of building modern large coal mines. *Pered.opyt v stroit. i eksplo. shakht.* no.4:6-7 '67.
- Sosnin, I. U. P. - Analyzing the performance of the contact chamber of gas-operated water heaters. *Gas.delo* no.4:14-16 '68.
- Stepanov, M. G. - Modeling of an elastic water drive of gas fields with the use of the UTM-1 electroanalogue network model. *Gas.delo* no.4:16-22 '68.
- Tatarsky, V. S., Dolinskii, I. A. P. - Influence of coal mining technology on technical and economic indices of coal preparation plants. *Pered.opyt v stroit. i eksplo. shakht.* no.4:12-13 '67.
- Tatarsky, K. Kh. - A feasible method for determining dimensions of rock blocks in fractured porous reservoirs. *Trudy Ser'KavNII* no.3:128-133 '67.
- Tatarsky, K. Kh. - Oil displacement from blocks of fractured-porous reservoirs by their imbibition of injected water. *Trudy Ser'KavNII* no.3:133-134 '67.
- Tatarsky, K. Kh. - A simplified method for calculating the dimensions of transition zones in a fractured porous reservoir. *Trudy Ser'KavNII* no.3:135-139 '67.
- Tatarsky, K. Kh. - Thermodynamic factor of a reservoir. *Trudy Ser'KavNII* no.3:139-147 '67.
- Torshinskiy, I. A. M. - Disconnecting frozen capital investments in technical-economic calculations of distributive low-pressure gas pipelines. *Gas.delo* no.4:13-16 '68.
- Travinskii, S. G. and others. - Studies in obtaining essentially dispersed mica. *Izv.AN BKHU, Neorg.mat.* 4 no.8:753-758 My '68.
- Under the new conditions: by blasting method. *Sov.shakht.* 15 no.10:8-10:10:11 '68.
- Varshavsky, V. G. - Analysis of network models with distributed resources. *Trudy Inst.gor.dob.AN Kazakh SSR* 33:111-113 '68.
- Vovchenko, M. L. - Problems of oil- and gas-field construction in the light of the resolution of the 24th session of the CPSU. *Stroitel'stvo*, II no.6:1-3 Je '68.
- Work of a commission of the Central Committee of the Trade Union. *Meftanik* 13 no.12:10 D '68.
- Zakharov, P. I., Korotkiy, L. I., Goncharov, V. S. - Determination of bottom pressures in deep high-yield wells. *Trudy Ser'KavNII* no.3:133-134 '67.

622.3(77) - Underdeveloped and underdeveloped areas

- Stragelov, M. G. - Two tendencies in using the oil resources of the developing countries. *Uch.zap.Kaf.Obshchestv.nauk vuz.g.Len.* Polit.ekn. no.5:153-164 '68.

622.3(4/0.104) - Capitalist countries of the world

- Kashkova, K. I. - Statistical data on the capitalist countries of the world. *Gas.delo* no.4:34-37 '68.

622.3(439) - Hungary

- Babos, J., Neustadt, M. L. - Mining and use of peat in the Hungarian People's Republic. *Torf.prom.* 46 no.10:21-21 '68.

622.3(471.13) - Korea A. S. S. R.

- Davydov, B. A., Samsonov, I. M. - Problems of the more effective development of the Peshora coal basin. *Probl.Sov.* no.12:74-85 '67.

622.3(471.21) - Marzhasan Province

- Maslov, M. K. - General problems in the development of the quartz industry. *Probl.Sov.* no.12:36-37 '67.

622.3(471.4) - Central and Lower Volga regions

- Bedkov, L. - Komsomol petroleum workers of the Volga-Ural region during the years of the Great Patriotic War. *Meftanik* 13 no.10:5-7 O '68.

622.3(471.5) - Ural regions

- Bedkov, L. - Komsomol petroleum workers of the Volga-Ural region during the years of the Great Patriotic War. *Meftanik* 13 no.10:5-7 O '68.

622.3(471.13) - Bashkir A. S. S. R.

- Devilkanov, V. V., Khodolov, Z. A. - Mechanical properties of petroleum of some Bashkir fields. *Naft.khoz.* 46 no.10:33-41 O '68.
- Kozlov, K. - Akhmet Akhmedovich Bektov, discoverer of the "Second Baku." *Meftanik* 13 no.12:26-27 D '68.

622.3(471.63) - Kraiander Territory

- Raisinskiy, M. S. - Gas crossflows between formations in the Maykop gas condensate field. *Gas.delo* no.4:3-7 '68.

622.3(471.66) - Chechen-Ingush A. S. S. R.

- Aprikhin, S. - Stages of a long road. *Meftanik* 13 no.12:3-4 D '68.

- Kamyshkov, A. I., Sorokin, A. A., Bagov, M. S. - Capillary phenomena in the Lower Cretaceous oil pool of the Karabak-Ashahai field. *Trudy Ser'KavNII* no.3:124-126 '67.

- Kamyshkov, A. I., Sorokin, A. A. - Lower Cretaceous oil pool of the Karabak-Ashahai field. *Trudy Ser'KavNII* no.3:127-130 '67.

- Kharasenko, B. S., Barklov, A. T. - Khayaa-Kom field. *Trudy Ser'KavNII* no.3:127-130 '67.

- Maldebor, V. M. and others. - Comparative effectiveness of oil displacement under different systems for developing fractured-reservoir pools. *Trudy Ser'KavNII* no.3:1-3 '67.

- Maldebor, V. M. and others. - Planning the development of a Lower Cretaceous oil pool in the Karabak-Ashahai field confined to a porous-fractured type of reservoir. *Trudy Ser'KavNII* no.3:13-14 '67.

- Maldebor, V. M. and others. - Present state of the methods for calculating initial and recoverable oil reserves in fractured-reservoir pools using data of analyzing the development of the Gromy fields. *Trudy Ser'KavNII* no.3:17-24 '67.

- Maldebor, V. M., Bolova, G. A., Borisova, G. A. - Compressibility of oils and formation waters of the Gromy fields containing fractured reservoirs. *Trudy Ser'KavNII* no.3:17-18 '67.

- Maldebor, V. M., Chakhovskaya, G. I. U., Potash, M. F. - Comparative analysis of pool development during the maintenance of reservoir pressure and depletion drive as exemplified by the Upper Cretaceous Karabak-Ashahai pool. *Trudy Ser'KavNII* no.3:15-21 '67.

- Maldebor, V. M., Chakhovskaya, G. I. U., Potash, M. F. - Drowning of wells in fractured-reservoir pools. *Trudy Ser'KavNII* no.3:20-23 '67.

- Maldebor, V. M. - Comparative analysis of reservoir properties and development of Gromy and Iranian fractured-reservoir oilfields. *Trudy Ser'KavNII* no.3:1-11 '67.

- Maldebor, V. M. - Determining rock pressure values for the Gromy fields containing fractured reservoirs. *Trudy Ser'KavNII* no.3:16-18 '67.

- Maldebor, V. M., Potash, M. F., Chakhovskaya, G. I. U. - Upper Cretaceous pool in Karabak-Ashahai field. *Trudy Ser'KavNII* no.3:14-17 '67.

- Maldebor, V. M., Potash, M. F., Chakhovskaya, G. I. U. - Upper Cretaceous pool in the Zaxanaka field. *Trudy Ser'KavNII* no.3:17-18 '67.

- Maldebor, V. M., Sorokin, A. A., Repina, V. L. - Field experiments in establishing hydrodynamic connection in the Malgobek-Voznesenska-Ali-Yurt field. *Trudy Ser'KavNII* no.3:23-28 '67.

- Maldebor, V. M., Sorokin, A. A., Repina, V. L. - Upper Cretaceous pool of the Malgobek-Voznesenska-Ali-Yurt field. *Trudy Ser'KavNII* no.3:19-23 '67.

- Maslov, V. - Technical progress in the petroleum industry of the Chechen-Ingush A. S. S. R. *Meftanik* 13 no.12:6-7 D '68.

622.3(471.67) - Dagestan A. S. S. R.

- Vladik, K. - Library is helping petroleum workers. *Meftanik* 13 no.12:10 O '68.

622.3(474.3) - Latvian S. S. R.

- Chibrikhin, V. I., Shchegolev, F. A. - Experience in using boreholes for drilled peat at the Peat Pool Kolarpeise. *Torf.prom.* 46 no.10:14-15 '68.

622.3(477) - Ukrainian S. S. R.

- The first Ukrainian conference. *Sov.shakht.* 15 no.10:24 O '68.

- Lopukhin, V. T. and others. - Experience in using arched shields in mining the "Mazur" coal seam. *Pered.opyt v stroit. i eksplo. shakht.* no.4:57-60 '67.

- Ponomarevskiy, T. F. - Determining the porosity on the basis of the resistivity of the penetration zone in the Dnepropetrovsk Lowland. *Meftanik* 13 no.12:26-27 D '68.

622.3(477.6) - Donetsk Basin

- Bedkov, V. V. - Party organizations of the Donetsk Basin in the struggle for scientific and technological progress in mining. 1960-1968. *Meftanik* 13 no.10:133-144 '67.

- Litvinenko, P. A. - Efforts of party organizations in the Donetsk Basin to draw the miners into mine management. 1963-1968. *Meftanik* 13 no.10:109-120 '67.

- Malakov, V. M. - Selecting the technology of mining and the parameters of systems of working coal seams of the Donetsk Basin in hydraulic mining. *Trudy NPI* 176:154-156 '68.

- Zaslavskiy, G. M., Larzer, I. I., Shchegolev, A. M. - Generalization of the experience in mechanizing stoping operations in operating coal mines of the Donetsk Basin. *Pered.opyt v stroit. i eksplo. shakht.* no.4:53-57 '67.

622.3(479.24) - Azerbaijan S. S. R.

- Asakanskii, G. - Petroleum is produced in excess of the plan. *Meftanik* 13 no.10:11 O '68.

- Bagdadyev, R. - A bright page in the heroic annals of the Komsomol. *Meftanik* 13 no.10:5 O '68.

- Taglov, V. G., Barklov, V. G., Malakov, V. A. - Automatic metering of gas flow by weight in adsorption plants. *Gas.delo* no.4:16-18 '68.

622.3(479.36) - Armenian S. S. R.

- Valestan, M. - Possibilities of regulating the Erivan gas reservoir. *Prom.Arm.* 18 no.6:18-27 '68.

622.3(554) - Iran

- Maldebor, V. M. - Comparative analysis of reservoir properties and development of Gromy and Iranian fractured-reservoir oilfields. *Trudy Ser'KavNII* no.3:1-11 '67.

622.3(571.13) - Tyumen' Province

- Kretitsen, G. V. - Transportation problems in the petroleum regions of Tyumen' Province ought to be solved comprehensively. *Stroitel'stvo*, II no.3:18-19 Mr '68.

622.3(571.61) - Krasnoyarsk Territory

- Tavrov, I. A. - A talent for struggle. *Oktyabr'* no.11:121-128 O '68.

622.3(571.6) - Soviet Far East

- Golod, S. B., Komakhin, R. K., Shepalko, B. F. - The fuel industry in the northeastern regions of the U. S. S. R. *Probl.Sov.* no.14:121-122 '67.

622.3(574) - Kazakh S. S. R.

- Kochlov, G. M. - Construction of facilities for the gathering and transportation of oil in the Mangyshlak Peninsula. *Stroitel'stvo*, II no.3:23-26 Je '68.

- Kalish, I. U. V. and others. - Mechanical properties of petroleum in reservoir conditions in the Uzun' field. *Naft.khoz.* 46 no.10:33-37 O '68.

622.3(575.1) - Uzbek S. S. R.

- Orashev, V. L., Rakhimov, M. B. - Results of studying viscoplastic properties of anomalous Uzbek petroleum. *Naft.khoz.* 46 no.10:41-45 O '68.

622.3(575.4) - Turkmen S. S. R.

- Molisev, S. F., Rakhimov, V. K. - Optimum water content of petroleum should be determined. *Naft.khoz.* 46 no.10:45-48 O '68.

622.3(71) - Canada

- Kharlov, V. - Canadian oil. *Mir, zhuk. i mashinost.* otn. no.12:129-132 '68.

622.4 Mine services, installations, equipment

- Orashev, V. L. - Certain characteristics of free currents arising in chamberlike mine workings. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:194-196 '68.

- Lazarevskiy, M. N., Ignatov, I. P. - Gas distribution in the cross section of ventilation drifts during the inverted order of mining a mine pillar. *Pered.opyt v stroit. i eksplo. shakht.* no.4:53-56 '67.

- Litvinenko, M. A., Korshak, B. M. - Influence of the wetting of a coal seam on the decrease of gasocentrism in a mining area. *Pered.opyt v stroit. i eksplo. shakht.* no.4:18-23 '67.

- Lopukhin, V. T. and others. - Experience in using arched shields in mining the "Mazur" coal seam. *Pered.opyt v stroit. i eksplo. shakht.* no.4:57-60 '67.

- [Mining machinery] *Daf. zhuk. i Got. Mash.* no.10 O '68.

- Mitkevich, V. V. - Experience in shaft sinking with simultaneous lining. *Pered.opyt v stroit. i eksplo. shakht.* no.4:18-23 '67.

- Monastir, N. V., Shchegolev, A. P., Vokhov, M. I. - Determining the efficiency of dust settling by electrically charged water drops. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:26-30 '68.

- Podolskiy, P. S., Kovalovskiy, P. I., Krasnitskiy, A. I. - Mechanization of lining mine workings with concrete. *Pered.opyt v stroit. i eksplo. shakht.* no.4:18-23 '67.

- Radchenko, G. A. and others. - Distribution of finely dispersed dust particle concentrations in ventilation streams, expanding in limited airways, hindered by regularly placed local obstructions. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:23-25 '68.

- Radchenko, G. A., Orashev, V. L. - Quality characteristics of velocity fields in multidimensional ventilation areas. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:26-30 '68.

- Radchenko, G. A., Slopykh, V. F. - Methods of calculating the value of natural draft on the MPMV-3 modeling equipment. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:73-78 '68.

- Radchenko, G. A., Slopykh, V. F., Shreder, I. U. F. - Conditions of sectioning ventilating systems. *Trudy Inst.gor.dob.AN Kazakh SSR* 31:26-30 '68.

622.4 (Continued)

- Rizakbayev, G. K. - Calculation of networks along the principle of minimum capacity. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Rizakbayev, G. K., Sopikov, G. D. - Calculation of the bits of dust particles by an electrically charged waterdrop. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Shestifin, A. P., Sopikov, G. D. - Methods of studying the interaction of waterdrops with mine dust particles. *Trudy Inst. gor. dela AN Kazakh SSR* 31:50-56 '83.
- Shestifin, A. P., Stukhonor, A. M., Narsabay, N. V. - Main electrical and hydraulic characteristics of electric sprayers. *Trudy Inst. gor. dela AN Kazakh SSR* 31:17-23 '83.
- Shestifin, A. P., Shol, R. P., Stukhonor, A. M. - Mine regulators, a new means of controlling the quality of air in mine workings. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Stukhonor, A. M., Shchikobayev, E. N. - Problem of stabilizing settled mine dust. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Stukhonor, A. M., Shchikobayev, E. N. - Method of the hydraulic evaluation of mine air cleaners. *Trudy Inst. gor. dela AN Kazakh SSR* 31:57-71 '83.
- Surov, N. A., Lagutsev, A. R. - Economic efficiency of the certificate of slope lining. *Pered. opyt v stroit. i eksp. shakht* no. 4:60-67 '87.
- Tikhon, S., Rizakbayev, G. K. - Optimum policy in controlling ventilation networks. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Vacillation of workings and dust removal from the atmosphere of Farakhan mine. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Volkov, M. I. - Investigating the accuracy of determining air dustiness with the aid of AFA analysis aerosol filters. *Trudy Inst. gor. dela AN Kazakh SSR* 31:57-71 '83.
- Volkov, M. I., Larner, P. N. - Mechanization of calculations relative to proposals of temperature conditions in deep mines. *Pered. opyt v stroit. i eksp. shakht* no. 4:78-79 '87.

623.4(471.82)—Kazakhstan Province

- Rizakbayev, G. K. - Improving the repair of mining equipment in Kazakhstan Province. *Probl. Ser.* no. 12:34-35 '87.

623.4(471.83)—Soviet Far East

- Bogdanov, E. I. - Deviating special machinery for mining the placer deposits of the northeastern S. S. R. *Probl. Ser.* no. 12:37-38 '87.
- Egurov, E. G. - Problems of the better use of mining equipment in the northeastern S. S. R. *Probl. Ser.* no. 12:104-105 '87.

622.4(474)—Kazakhstan S. S. R.

- Shapalov, S. F. and others. - Results of the electrohydraulic modeling of ventilation processes in slopes of the Tekel Mine after large-scale blasting. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Shapalov, S. F., Kuznetsov, V. M. - Influence of the cross section of air feeding workings on the intensity of slope ventilation at the Tekel Mine. *Trudy Inst. gor. dela AN Kazakh SSR* 31:104-110 '83.

621.6 Mine water. Drainage. Unwinding

- Bolotikhin, B. S. and others. - Hydraulic conveying of rock during drainage operations in open-pit brown coal mines. *Pered. opyt v stroit. i eksp. shakht* no. 4:14-19 '87.

622.8 Haulage and handling. Hauling. Winding

- Abrahamov, I. S. and others. - Studying the performance of a "hot" petroleum pipeline. *Transep. i khim. nefi i nefteprod.* no. 9:17-18 '88.
- Aleksandrov, A. M. and others. - Pipe-piston unit for checking liquid flow meters. *Transep. i khim. nefi i nefteprod.* no. 8:35-36 '88.
- Aleksandrov, A. M. and others. - Use of artificial acid for the condensation and sorption of gasoline vapors of vapor-air mixtures forced out from storage tanks. *Transep. i khim. nefi i nefteprod.* no. 8:33-34 '88.
- Alekseyev, V. A. and others. - Methods for connecting pneumatic equipment to the telephone communication channels in petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 10:17-18 '88.
- Bibik, N. G. - Some possibilities for automatic pressure control systems in pipelines using burst-testing of disturbances. *Transep. i khim. nefi i nefteprod.* no. 9:3-7 '88.
- Bolotikhin, B. S. and others. - Hydraulic conveying of rock during drainage operations in open-pit brown coal mines. *Pered. opyt v stroit. i eksp. shakht* no. 4:14-19 '87.
- Chalashnikov, V. I., Khrushchikov, F. A. - Experience in using boilers for rolled steel at the Beda Peat Enterprise. *Tor. prom.* no. 10:14-16 '83.
- Dezhnev, G. P., Mikhaylov, M. I. - Determining the optimal transportation systems. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Dzyrlov, M. M. - Economic evaluation of the damage from the leakage of a petroleum pipeline. *Transep. i khim. nefi i nefteprod.* no. 8:36-37 '88.
- Elisei, M., Kromoschek, M. - Devices for cleaning the pipelines. *Neftekhim* 13 no. 13:36-37 D '83.
- Fedorov, E. M., Chernyashov, A. A. - Industrial testings of the strength of the existing for elements of friction on multistage belts. *Pered. opyt v stroit. i eksp. shakht* no. 4:107-112 '87.
- Lyubskii, D. V. - Use of M3-3004-type mechanized fast-service units in roadhouses and state farms. *Transep. i khim. nefi i nefteprod.* no. 10:16-20 '88.

- Klimova, E. K. - Algorithm simulating the performance of a system of products transportation by a complex petroleum pipeline. *Nef. khim.* 46 no. 10:63-66 O '83.

- Kolchin, V. A., Boudersko, P. M. - Determination of constant resistances of insulated underground pipelines using the constant method. *Transep. i khim. nefi i nefteprod.* no. 9:10-13 '88.
- Kondratyev, V. A. - Trouble shooter truck for servicing gas pipelines. *Gas. prom.* 13 no. 6:18-19 Ja '83.
- Kolov, V. G., Ignat'ev, V. G., Atayev, Kh. - Experimental study of the flow of highly congealing paraffin-based petroleum in pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:3-7 '88.
- Kukharin, E. I. - Withdrawal of aviation fuels from the top of tanks. *Transep. i khim. nefi i nefteprod.* no. 10:14-15 '88.

- Kulade, K. M., Tkachenko, N. A. - Calculating the capacity of an electric motor for driving a centrifugal pump. *Transep. i khim. nefi i nefteprod.* no. 9:29-30 '88.
- Lashov, M. I. A. - Longitudinal vibrations in mine hoist ropes in planning the lifting vessel. *Pered. opyt v stroit. i eksp. shakht* no. 4:114-117 '87.
- Lerka, G. K. and others. - Field tests of the system of washing and protecting paraffin deposits in ferroconcrete storage tanks. *Transep. i khim. nefi i nefteprod.* no. 9:10-13 '88.

- Lerka, G. K., Shchikobayev, E. N. - Speeding up the discharging of viscous petroleum products from railroad tank cars by using distributing probbers. *Transep. i khim. nefi i nefteprod.* no. 9:17-18 '88.
- Lukin, I. F. - Passage of the rope through the slit on hoists with a sectional drum. *Pered. opyt v stroit. i eksp. shakht* no. 4:118-123 '87.

- Maslin, A. K. - Prospects for using miniature drives in mine hoisting machines. *Vopr. shakht.* no. 3:49-52 '87.
- Markov, P. A. - Flat belting ropes manufactured by mechanical methods. *Pered. opyt v stroit. i eksp. shakht* no. 4:117-120 '87.

- Mikhaylov, M. I. - Protection of pipelines by polarized protectors. *Transep. i khim. nefi i nefteprod.* no. 9:13-16 '88.
- Oreshkov, B. K. - Belt conveyor transportation at increased angles of inclination. *Pered. opyt v stroit. i eksp. shakht* no. 4:140-144 '87.

- Pavlov, A. G., Pichonko, Z. P. - Determination of service life coefficient at calculating mine hoisting equipment made of plastics. *Pered. opyt v stroit. i eksp. shakht* no. 4:113-114 '87.
- Pavlov, P. P. - Stressed state of girding and reflection stresses on mine hoists. *Pered. opyt v stroit. i eksp. shakht* no. 4:115-116 '87.

- Petrovich, B. I., Tikhon, A. K. - Simplifying design diagrams for solving problems of the synthesis of the optimal network. *Trudy Inst. gor. dela AN Kazakh SSR* 31:53-54 '83.
- Petrovich, B. I., Tikhon, A. K. - Solving the transportation problem with fixed additional payments on electronic models. *Trudy Inst. gor. dela AN Kazakh SSR* 31:14-18 '83.

- Peshovskiy, N. K. - Expanding the range of hoisting depth to regard to hoists with cylindrical drums. *Pered. opyt v stroit. i eksp. shakht* no. 4:91-98 '87.
- Popov, V. V. - Closing device for pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:34-35 '88.

- Prokhorov, B. M. - Heat protection of sliding friction bearings of pump units. *Transep. i khim. nefi i nefteprod.* no. 8:31-32 '88.
- Shchikobayev, E. N., Valov, D. P. - Studying the performance of a gear pump in pumping bitumen-rubber insulating materials. *Transep. i khim. nefi i nefteprod.* no. 8:7-10 '88.

- Rizakbayev, G. K., Ilyin, E. M. - Calculating the reserves for repair and reconditioning operations in pipelines. *Transep. i khim. nefi i nefteprod.* no. 10:5-7 '88.
- Rylov, P. R. and others. - Results of testing the experimental unit for low filling of tank trucks. *Transep. i khim. nefi i nefteprod.* no. 8:23-25 '88.

- Rylov, P. R., Volkov, V. F. - Calculating gasoline evaporation losses during the filling of transportation vessels. *Transep. i khim. nefi i nefteprod.* no. 8:11-13 '88.
- Rubinskii, E. L. - Ways to reduce losses of petroleum and petroleum products in the river transport. *Transep. i khim. nefi i nefteprod.* no. 8:14-16 '88.

- Surovskiy, G. I. - Experience in using boilers operating in the mill past at the Petropav Peat Enterprise. *Tor. prom.* 45 no. 10:11-13 '86.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.
- Terent'ev, V. B., Karna, L. I., Kiselev, V. V. - Organizing technical assistance accounting for petroleum pipelines. *Transep. i khim. nefi i nefteprod.* no. 8:25-28 '88.

19 (Continued)

Bel'man, S. G., Dedyshchikov, L. V., Logvin, N. P. - Test-
ing and adjustment of high-pressure fans for jets of
al preparation plants. Parod, opyt v stroit. i ekspl.
skh. no. 4:181-185 '87.

623.7(471.2)—Murmansk Province

Min, A. V. - Ways to obtain concentrates with high
a content from the ores of the Kola Peninsula.
obshch. no. 18:34-40 '87.

8 Safety and health protection in mines. Accidents. Damage
stev, V. A. - Individual cases of determining water
seams during nonstationary filtration, and conditions of
the transition to quasistationary state. Parod, opyt
rol. i ekspl. skh. no. 4:186-190 '87.
Kiselev, V. D. - Materials for the standardization of
a safety (safety) in the case of mines of the coal
ministry slopes. Stok. nauch. rab. KGM 43:108-110 '87.

623.8(477.6)—Donetsk Basin

Kiselev, V. P. - Methods and some results of instrumental
observations of rock pressure manifestations at the
Lutovsk No. 5/6 Mine. Parod, opyt v stroit. i ekspl.
skh. no. 4:187-191 '87.
Kiselev, V. P. - Confinement of section ejections of rocks
determined genetic types of sediments. Izv. vyz. uchb.
v. geol. i razv. II no. 4:179-83 Ap '88.

623.8(479.25)—Armavirsk B. S. R.

Kiselev, G. T. B. - Operative treatment of deep burns.
v. nauch. trad. Krov. nauch. - Isal. Isal. travm. i ort.
no. 8:157-63 '88.
Kiselev, B. - Transactions on Arkh. i. nauch. Stok. - Isal. Isal. travm. i ort. no. 8:17-
2 '88.

Military and naval engineering and technology

Kiselev, M. - Strengthening of the country's defense
is a concern of the whole party and all the people.
Komm. Vozrozh. St. 48 no. 30:18-23 O '88.
Kiselev, P. - New technical achievements of the
armed forces. Komm. Vozrozh. St. 48 no. 30:
O-45 O '88.

34 Ordnance. Guns. Service vehicles. Ammunition. War
games

Kiselev, V. - Around an important problem. Mir. ekon.
meshch. otn. no. 13:64-68 '88.
Kiselev, V. - The atom and NATO: partnership
and contradictions. Mir. ekon. i meshch. otn. no. 13:1-
10 '88.
Kiselev, V. - (English (army) commentary. Nov. vrazh. 87 no. 4:
1-5 Ja '88.
Kiselev, V. - Kiselev, V. - Nuclear explosions
and fires. Tekh. i vuzrozh. 28 no. 3:8-9 Mr '88.

623.4(488)—Federal Republic of Germany

Kiselev, V. - Atomic (the) of the Federal Republic
of Germany. Mir. ekon. i meshch. otn. no. 13:
117-123 '88.

3461 Projection. Shell. Bombs. Guided missiles
Kiselev, K. - Multipurpose rockets. Tekh. i vuzrozh.
28 no. 3:16-17 Mr '88.

32.044 Misses. Nuclear and atomic weapons

Kiselev, V. - The question of the consolidation in Dniepropetrovsk. Khor.
Mosh. Patr. no. 3:148 '87.

Kiselev, V. - Dependable shield of the Soviet state. Komm. Vozrozh.
St. 48 no. 30:23-29 O '88.

Kiselev, V. - (English (army) commentary. Nov. vrazh. 28
no. 3:2-3 D '88.

Kiselev, V. - (English (army) commentary. Nov. vrazh. 87 no. 4:
4-5 Ja '88.

4 Civil structural engineering

Kiselev, A. A., Gaidukov, R. G., Kiselev, A. V. -
Effectiveness of using high-strength steel for columns
in industrial buildings. Prom. stroit. 48 no. 8:13-
18 '88.

Kiselev, A. M. - Using the direct method for
calculating cylindrical shells of average length. Izv.
vys. uchb. zav. i stroit. i arkh. 10 no. 11:55-60 '87.

Kiselev, A. V. - Investigation of the performance of
thin-walled bars under longitudinal single forces.
Isal. po teor. sooruzh. no. 18:58-64 '87.

Kiselev, A. V. - Using the method of permutation
for plotting surfaces of active stresses in the slabs of
a bridge slab and girder system. Isal. po teor. sooruzh.
no. 18:146-147 '88.

Kiselev, M. K. - Calculating plates made from nonlinear
elastic materials. Izv. vyz. uchb. zav. i stroit. i arkh. 10
no. 11:71-74 '87.

Kiselev, D., Kiselev, I. - Designing effect diagrams
for three-dimensional prestressed frames. Stok. mekh.
i razv. no. 4:118-14 '88.

Kiselev, A. L., Kiselev, V. M. - Bending of soft porous
shells of revolution. Stok. mekh. i razv. no. 10
no. 4:1-4 '88.

Kiselev, M. I. - Sealing of cracks in ferroconcrete storage
tanks by sodium silicate cement slurries. Stok. mekh.
i razv. no. 3:18 Mr '88.

Kiselev, I. A., Kiselev, A. L., Kiselev, V. I. - Mutual
vibration frequency of a rectangular plate compressed
or extended by a nonuniform load on the contour line.
Izv. vyz. uchb. zav. i stroit. i arkh. 10 no. 11:81-84 '87.

Kiselev, B. L. - Optimal dimensions of vertical cylindrical
steel tanks. Prom. stroit. 48 no. 8:10-13 '88.

Kiselev, G. I., and others. - Prestressed reinforced
concrete rectangular roof girders. Prom. stroit. 48
no. 8:14-25 '88.

Kiselev, M. M. - Carrying capacity of round plates
made of rigid plastic material and set on an elastoplastic
foundation. Isal. po teor. sooruzh. no. 18:178-186 '88.

Kiselev, I. A., Boroditskiy, M. A. - Calculating beam-
less roofing. Izv. vyz. uchb. zav. i stroit. i arkh. 10
no. 11:41-46 '87.

Kiselev, V. V., Kiselev, A. Z. - Behavior of beams with
elastic pinlike joints. Stok. mekh. i razv. no. 10
no. 4:17-18 '88.

Kiselev, M. B. - Unsteady oscillations of the infinite plate
on an elastic inertial half-space. Isal. po teor.
sooruzh. no. 18:147-150 '88.

Kiselev, M. G. - Nonlinear oscillations of beams in a
magnetic field. Stok. mekh. i razv. no. 10 no. 4:24-
27 '88.

Kiselev, M. G. - Stability of shafts on nonlinear elastic
supports. Isal. po teor. sooruzh. no. 18:117-125 '88.

Kiselev, I. U. G. - Effect of lattice on the stability of
truss compression chords of open beam bridges. Isal.
po teor. sooruzh. no. 18:195-207 '87.

Kiselev, I. A., Kiselev, F. S. - Effect of radial oils
on the carrying capacity and deformations of rock-
forced-concrete beams. Isal. po mekh. stroit. mat. i
konstr. no. 1 pt. 3:279-283 '87.

Kiselev, V. V. - Analysis of high-rise structures by
the statistical testing method. Stok. mekh. i razv. no.
10 no. 4:10-21 '88.

Kiselev, A. S. - Quality of high-strength bolts for
steel members. Prom. stroit. 48 no. 8:12-14 '88.

Kiselev, S. K. - Calculation of frames with yielding
joints. Isal. po teor. sooruzh. no. 18:123-126 '87.

Kiselev, S. K. - Matrix algorithms for the calculation
of strength, general static stability, and natural oscilla-
tions of three-dimensional bar-reinforced cages. Isal.
po teor. sooruzh. no. 18:103-115 '88.

Kiselev, P. A., Orlov, N. K. - Glass beams with an
underlying plywood side. Izv. vyz. uchb. zav. i stroit. i
arkh. 10 no. 11:34-41 '87.

Kiselev, A. D. - Calculating prefabricated prestressed
reinforced concrete structures with evaluation of lasting
processes during with loads diversified in time. Stok.
AM (Kiev, 1988). 81 no. 1:141-148 J1 '88.

Kiselev, M. B., Pusek, G. A., Velitskiy, S. A. -
Sliding parts from ferroplastic. Avt. dor. 22 no. 13:
21-23 O '88.

Kiselev, V. S. - Calculation of framed structures with
linearly moving joints. Isal. po teor. sooruzh. no. 18:
227-234 '87.

Kiselev, V. S. - Transverse asymmetric oscillations of
the infinite plate resting on an elastic half-space.
Isal. po teor. sooruzh. no. 18:61-71 '88.

Kiselev, V. S. - Transverse oscillations of an infinite
beam on an elastic foundation. Stok. mekh. i razv. no.
10 no. 4:30-34 '88.

Kiselev, K. I., Gorbun, I. A., Pavlov, V. I. A. - Effect
of rigidity of end car structures on the stress state of
multipurpose shells. Stok. mekh. i razv. no. 10 no. 4:
19-23 '88.

Kiselev, I. U. B., Kiselev, M. A. - Optimum beams
designing for dynamic loads. Stok. mekh. i razv. no.
10 no. 4:37-40 '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, V. S. - (English (army) commentary. Nov. vrazh. 87
no. 4:1-5 Ja '88.

Kiselev, G. B. - Effect of interaction forces between
reinforcement and concrete on the crack resistance
of prestressed structural members. Trudy Kish.
politekh. inst. no. 7:85-88 '87.

Kiselev, G. B. - Representing stress function for an
inhomogeneous strip in the form of polynomials.
Trudy Kish. politekh. inst. no. 7:8-10 '87.

Kiselev, S. I., Kiselev, V. V. - Stress state of concrete
tubes under radial pressure. Stok. mekh. i razv. no.
10 no. 4:44 '88.

Kiselev, E. M. - Analytical criteria in the kinematic
analysis of hinged rod systems. Stok. mekh. i razv.
no. 10 no. 4:4-7 '88.

Kiselev, E. M. - Singular variable systems. Isal. po
teor. sooruzh. no. 18:126-129 '88.

Kiselev, D. I. A. - Calculation of orthotropic cylindrical
structures using digital computers. Isal. po teor.
sooruzh. no. 18:55-73 '87.

Kiselev, B. I. A. - Method of permutations in a
continuous form. Isal. po teor. sooruzh. no. 18:148-
150 '88.

Kiselev, V. E., Gendin, V. I. - Construction of self-
forced concrete reservoirs in wharves. Prom. stroit.
48 no. 8:15-17 '88.

Kiselev, G. M. and others. - Field tests of the system of
washing and preventing paraffin depositions in ferrocon-
crete storage tanks. Transp. i khran. no. 1:1-11 '88.

Kiselev, B. G. - Calculating elastic systems for random
loading. Isal. po teor. sooruzh. no. 18:11-17 '88.

Kiselev, O. V. - Calculation of beams with application of
matrix algebra. Isal. po teor. sooruzh. no. 18:187-
189 '88.

Kiselev, O. V. - Some problems of dynamics of a closed
sphere. Isal. po teor. sooruzh. no. 18:23-29 '87.

Kiselev, S. I. A. - Calculation of a shallow circular
cylindrical shell closed from three sides. Isal. po
teor. sooruzh. no. 18:44-53 '87.

Kiselev, S. K. - Refining the calculation of lateral
reinforcement for flexible reinforced-concrete members
under uniform load. Isal. po mekh. stroit. mat. i konstr.
no. 1 pt. 3:273-278 '87.

Kiselev, L. - Calculation of flexible, statically
indeterminate, and physically nonlinear systems. Isal. po
mekh. stroit. mat. i konstr. no. 1 pt. 3:193-193 '87.

Kiselev, L. - Plastic deformation of a beam under mobile
load. Isal. po mekh. stroit. mat. i konstr. no. 1 pt. 3:194-
194 '87.

Kiselev, I. U. B., Pol'shin, D. M. - Design of
elastic square (like) on compressible base under dis-
tributed load. Osn. i mekh. gran. 10 no. 8:13-
31 '88.

Kiselev, A. B., Karpov, L. P., Kiselev, G. F. -
Investigating the impact volume of a mobile load
considering higher harmonics. Isal. po teor. sooruzh.
no. 18:18-24 '88.

Kiselev, A. B., Kiselev, T. K. - Calculation of plates
for a live load in the form of a band. Isal. po teor.
sooruzh. no. 18:127-133 '87.

Kiselev, B. A., Tumanov, O. M. - Unit for the applica-
tion of gunite on storage tanks and an apparatus for
drying sand. Stok. mekh. i razv. no. 10 no. 4:38-40 Ap '88.

Kiselev, M. K., Kiselev, K. A. - Investigating local
stress state in steel crane girders. Prom. stroit.
48 no. 8:44-48 '88.

Kiselev, L. M. - Stressed and deformed state of an
elliptical anisotropic plate with clamped edges. Izv.
vys. uchb. zav. i stroit. i arkh. 10 no. 11:54-57 '87.

Kiselev, L. K. - Numerical methods for the calculation of
bars and framed structures made with them. Isal.
po teor. sooruzh. no. 18:179-174 '88.

Kiselev, V. A. - Up to 34% of the stresses of metal.
Avt. dor. 22 no. 8:1-13 S '88.

Kiselev, L. A. - Method concerning a stability
calculation. Trudy Kish. politekh. inst. no. 7:10-14 '87.

Kiselev, I. A. L., Kiselev, B. D., Kiselev, V. V. -
Buckling of stepped rods loaded with single forces.
Isal. po teor. sooruzh. no. 18:134-136 '87.

Kiselev, V. I. - Control method during the determination
of frequencies and patterns of natural oscillations of
rectangular plates. Isal. po teor. sooruzh. no. 18:
35-38 '88.

Kiselev, V. I. - Some differences in the theory of natural
vibrations of hinged and free plates. Isal. po teor.
sooruzh. no. 18:99-100 '87.

Kiselev, L. - Stability of a rod made from nonlinear
elastoplastic material. Isal. po mekh. stroit. mat. i
konstr. no. 1 pt. 3:207-210 '87.

Kiselev, V. S. - Method of plotting plane stress sections
of ruled surfaces. Trudy Kish. politekh. inst. no. 7:
67-73 '87.

Kiselev, behind the clouds. NTO 10 no. 11:10-11 W '88.

Kiselev, C. - Calculation of final length beams on non-
linear Winkler's support. Isal. po mekh. stroit. mat. i
konstr. no. 1 pt. 3:198-200 '87.

Kiselev, L. M. - Calculation of trusses and beams of
material volume for dynamic loads and dead weight.
Isal. po teor. sooruzh. no. 18:151-154 '87.

Kiselev, L. M. - Exponential time distribution of the
impulse load applied to a linear elastic system. Isal.
po teor. sooruzh. no. 18:3-14 '88.

Kiselev, B. I. - Free oscillations of flexible slanting
shells. Stok. mekh. i razv. no. 10 no. 4:31-34 '88.

Kiselev, V. I. A. - Determining the outline of a minimum
cost kinematic bridge arch with the help of the envelope
curve of nonlinear moments. Isal. po mekh. stroit. mat.
i konstr. no. 1 pt. 3:227-231 '87.

Kiselev, V. I. A. - Efficiency of the arch as a technical
and economic variation problem. Isal. po mekh. stroit.
mat. i konstr. no. 1 pt. 3:230-234 '87.

Kiselev, V. I. A. - Engineering method for the solution
of simultaneous equations of an efficient arch outline.
Isal. po mekh. stroit. mat. i konstr. no. 1 pt. 3:233-
240 '87.

Kiselev, V. V. - The technical level of rural con-
struction should be raised. Tekh. stroit. 23 no. 8:2-3
My '88.

624 (Continued)

- Shirinkulov, T. - Design of a strip resting on heterogeneous solid foundation. *Osn., fund. i mekh. grun.* 10 no. 5:5-7 '68.
- Sidorov, A. V., Bliznet, V. V., Shigunov, R. M. - Effect of design features and production technology on the cold resistance of steel member joints. *Proiz. stroit.* 45 no. 10:17-20 '68.
- Shirayev, A. P. - Thermoelectric vibrations of a system with two degrees of freedom from random impulses. *Izsl. po teor. sooruzh.* no. 18:11-124 '67.
- Shirayev, A. P. - Calculating beams considering their weight. *Izv. vuz. ucheb. zav., stroit. i arkh.* 10 no. 11:21-23 '67.
- Skolov, A. M., Roden, K. - Plane stress of linear elastoplastic reinforced materials. *Izsl. po mekh. stroit. i konstr.* no. 1 pt. 114-138 '67.
- Slivinskiy, L. N. - Calculation of shells under an intermediate transverse load and longitudinal forces. *Izsl. po teor. sooruzh.* no. 18:33-43 '67.
- Slivinskiy, L. N. - Designing structures with nonlinear bracing. *Izsl. po teor. sooruzh.* no. 18:187-193 '68.
- Smirnov, N. D. - Use of mathematical methods in planning operations of dewatering installations. *Trud. Khark. politekh. inst.* no. 7:13-21 '67.
- Smirnov, V. A. - Natural flexural vibrations of suspension bridges. *Izsl. po teor. sooruzh.* no. 18:144-148 '67.
- Smirnov, V. A. - Natural torsional vibrations of a suspension bridge considering changes of thrust volume during its vibrations. *Izsl. po teor. sooruzh.* no. 18:91-101 '68.
- Stalio, K. K. - Forced vibrations of a rigid wall in soil due to the action of periodic load. *Osn., fund. i mekh. grun.* 10 no. 5:3-8 '68.
- Stol, P. M., Khmel'nik, L. E. - Calculation of framed cyclic systems using computers. *Izsl. po teor. sooruzh.* no. 18:159-166 '67.
- Stukhtskiy, M. M. - Criteria criteria of the evaluation of vertical planning of a territory. *Proiz. stroit.* 45 no. 5:43-45 '68.
- Stukhtskiy, A. A., Hukhlin, V. V. - Results of testing 3 x 3 concrete slabs reinforced with rods having upset heads. *Proiz. stroit.* 45 no. 5:25-28 '68.
- Talantov, P. L. - Calculation of a thin-walled cylindrical shell considering the three-dimensional strain in a state of pure bending. *Izsl. po teor. sooruzh.* no. 18:110-120 '67.
- Tereshin, B. M. - Natural vibrations of cylindrical shells used in flooring. *Izsl. po teor. sooruzh.* no. 18:138-142 '67.
- Tolchennikov, P. P., Tolchennikov, V. P. - Monographic calculation of beams for bending by stretching. *Stroit. mekh. i rasch. soor.* 10 no. 4:43-44 '68.
- Torshin, M. S., Burdakov, L. I. - Testing for adequate strength of the compressed areas in the concrete of reinforced concrete elements in unsymmetrical bending. *Izv. vuz. ucheb. zav., stroit. i arkh.* 10 no. 11:11-17 '67.
- Tselina, A. I. - Dynamic calculation of reinforced concrete plates resting on an elastic foundation. *Izsl. po teor. sooruzh.* no. 18:61-71 '68.
- Tselina, A. I. - Dynamic calculation of reinforced concrete plates resting on an elastic foundation. *Izsl. po teor. sooruzh.* no. 18:72-80 '68.
- Tselina, A. I., V. V. - Study of hyperbolic rods. *Trudy Khark. politekh. inst.* no. 7:45-47 '67.
- Uvarova, N. B. - Calculating prestressed guy systems on the functioning of overhead loading. *Stroit. mekh. i rasch. soor.* 10 no. 4:5-11 '68.
- Uvarov, A. I., Dorozhko, O. P., Khramovskiy, L. S. - Certain trends in the theory of optimum rod systems. *Stroit. mekh. i rasch. soor.* 10 no. 4:34-39 '68.
- Uvarov, A. I. - Subjects of safe structures in the theory of optimum framed structures. *Izsl. po teor. sooruzh.* no. 18:136-144 '68.
- Ved'ko, B. P. - Analysis of the stress-strain state of prefabricated box-shaped structures of the type of space structures used in buildings. *Izsl. po teor. sooruzh.* no. 18:4-18 '67.
- Vidukov, G. P. - Displacements and stresses in a beam resting on an elastic foundation under short-time periodic forces. *Izsl. po teor. sooruzh.* no. 18:145-150 '67.

624(44)—France

- Belikov, V. G. - Calculation of the single-span system of a suspension bridge with the cable fastened in the bracing boom based on a deformed scheme. *Izv. vuz. ucheb. zav., stroit. i arkh.* 10 no. 11:3-11 '67.

624(45)—Japan

- Popovskiy, B. V. - Construction of tanks with positive roofs in Japan. *Mont. i spets. rab. v stroit.* 25 no. 6:30-31 '68.

- 624.1 Earthwork. Foundations. Substructures. Tunneling
Aremov, L. T., Kryukovskiy, I. M., Petrova, A. G. - Studying the distribution of stresses in soils under static load. *Osn., fund. i mekh. grun.* 10 no. 5:1-3 '68.
- Aliev, S. K. - Growing method of the construction of filling in high-pressure hydraulic tunnels. *Odn. stroit.* 39 no. 10:34-36 '68.
- Araviz, V. I., Shal'nevich, A. V. - Elements of Conference on the Deepening Research in High-Pressure Structures. *Odn. stroit.* 39 no. 10:35-37 '68.
- Kalash, N. P. - Determination of ground and settlement of geotechnical structures in the area of the sinking of an open channel. *Osn., fund. i mekh. grun.* 10 no. 5:27-28 '68.
- Bevzovskiy, B. I. - Determining optimal time for concreting construction in southern regions. *Proiz. stroit.* 45 no. 10:20-22 '68.
- Respruvatskiy, I. M. - Calculation of beams on an elastic foundation by the method of integral matrix. *Osn., fund. i mekh. grun.* 10 no. 5:7-10 '68.

- Blaser, I. A., Borodianskiy, M. A. - Method of designing the lining for shallow tunnels. *Osn., fund. i mekh. grun.* 10 no. 5:23-25 '68.
- Blazhko, B. A. - Selecting and transporting loose samples. *Tranp. stroit.* no. 8:35-36 '68.
- Bogdanovskiy, A. A. - Tunnel variant for crossing a water barrier. *Tranp. stroit.* no. 8:44-46 '68.
- Chernodarov, P. P., Korikov, V. F. - Cutting a cast-iron pipe by blasting. *Mont. i spets. rab. v stroit.* 25 no. 6:30-31 '68.
- Chupelov, V. V., Lapin, M. E. - Electrochemical method for compacting slays. *Proiz. stroit.* 45 no. 10:32-34 '68.
- Derov, L. F. - Protective measures against the freezing of peat soils. *Osn., fund. i mekh. grun.* 10 no. 5:13-15 '68.
- Didich, B. I., Isakovskiy, V. A. - Stress and strain state of an inclined soil layer. *Osn., fund. i mekh. grun.* 10 no. 5:2-7 '68.
- Dukhov, V. R., Lyubskiy, G. I., Babitskiy, E. A. - Constructing 18-ton-type tractors for operations under conditions of the Murmansk region. *Stroit. i dor. mash.* 13 no. 11:10-12 '68.
- Dudakov, V. K., Kozlov, L. A. - New developments in the design and technology of subsoiling of pile foundations. *Stroit. i dor. mash.* 13 no. 11:13-15 '67.
- Golovinskiy, E. D. - D-700 grader with hydraulic control. *Stroit. i dor. mash.* 13 no. 11:4-7 '68.
- Gyritsa, G. A., Chelchikov, V. L., Kichashvili, E. K. - Construction of underground structures for a hydroelectric power plant under permafrost conditions. *Odn. stroit.* 39 no. 11:30-36 '68.
- Goncharov, B. V. - Use of precast pile grating in pile foundations for residential buildings. *Osn., fund. i mekh. grun.* 10 no. 5:21-22 '68.
- Gorodkov-Podolov, M. I. - Displacement and compaction of soil by a driven pile. *Osn., fund. i mekh. grun.* 10 no. 5:2-6 '68.
- Golovinskiy, E. D. - Designing industrial enterprises in the regions with a considerable volume of drifting snow. *Proiz. stroit.* 45 no. 11:31-34 '68.
- Grigorian, A. A., Isakov, V. R. - Predicting ground settlement due to its saturation by small soils deep springs. *Osn., fund. i mekh. grun.* 10 no. 5:3-5 '68.
- Isakov, V. R. - Determining passive ground pressure on support walls. *Stroit. mekh. i rasch. soor.* 10 no. 4:14-17 '68.
- Ismailovskiy, Z. M. - Determining the dimensions of the base for foundations under eccentric load. *Osn., fund. i mekh. grun.* 10 no. 5:25-28 '68.
- Isakovskiy, I. M., Chernikov, A. G. - Studying seepage resistances of coarse elastic soils. *Odn. stroit.* 39 no. 11:38-41 '68.
- Kardy, A. - Characteristics of the physical state of soils. *Osn., fund. i mekh. grun.* 10 no. 5:21-28 '68.
- Kharukh, M. A., Badikov, V. P., Isakov, V. M. - Improve the technology of earthwork in winter. *Art. dor.* 31 no. 10:17-18 '68.
- Kharukh, M. A. and others. - Using dynamic photoelasticity method in the investigation of pile structures. *Osn., fund. i mekh. grun.* 10 no. 5:17-19 '68.
- Kharukh, M. A. - Using the iteration method for the calculation of tunnel lining on an electronic computer. *Osn., fund. i mekh. grun.* 10 no. 5:23-25 '68.
- Klein, G. K., Gavrilchikov, I. V. - Stability of lower structures with shallow foundations on nonrocky beds. *Osn., fund. i mekh. grun.* 10 no. 5:10-14 '68.
- Klets, G. K. - Investigations in calculating the ground pressure on pipes under embankments according to construction norms. *Stroit. i dor. mash.* 13 no. 11:30-36 '68.
- Kobzarev, B. G. - Comments on Technical Specifications and Norms for the design of hydraulic transport of granular materials using steel pipes. *Odn. stroit.* 39 no. 11:38-41 '68.
- Korol', G. L. - Arrangement of excavation works in the construction of the Krasnoyarsk Hydroelectric Power Plant. *Odn. stroit.* 39 no. 11:3-6 '68.
- Korolev, M. - New filtration meter. *Art. dor.* 31 no. 11:23-24 '68.
- Kutepov, V. R. - Allowances in determining the size of bored, cast-in-place piles. *Tranp. stroit.* no. 8:37-38 '68.
- Lapshin, A. K. - Problems in analyzing the structure of grounds. *Vest. LGU* 13 no. 13:5-17 '68.
- Lavrov, I. M. - Deep compaction of subsoil soils. *Stroit. i dor. mash.* 13 no. 11:23-24 '68.
- Lavrov, I. M. - Experience in deep compaction of subsoil soils by explosion energy. *Osn., fund. i mekh. grun.* 10 no. 5:23-25 '68.
- Lorain, G. M. - Unidimensional problem of seepage and settlement in uniform loose soils. *Odn. stroit.* 39 no. 11:38-41 '68.
- Lopatin, M. A. - Development of hydraulic excavation and filling methods in Soviet hydraulic construction. *Odn. stroit.* 39 no. 11:3-6 '68.
- Lysko, B. G., Vlasovskiy, V. N., Karlov, I. M. - Tabular 8-1047 diesel excavator. *Stroit. i dor. mash.* 13 no. 11:3-4 '68.
- Maslov, D. A., Maslov, M. A. - Conditions of the Kura River in the region where the inverted siphon of the Mil'tay-Karabakh oilfield channel is being built. *Za tekhn. prog.* 8 no. 10:35-38 '68.
- Maripol'skiy, L. G. - Interpretation of compression test data. *Osn., fund. i mekh. grun.* 10 no. 5:13-14 '68.
- Melikhov, L. A. - Design of foundation pits for footings of electric power transmission line supports using the BDPK-3, 5/3 drilling machine. *Engrg. stroit.* no. 3:87-90 '67.
- Mikhailovskiy, M. A. - 70th birthday. *Odn. stroit.* 39 no. 11:18 '68.
- Morikov, V. G. - Electric power supply to water lowering devices used in the construction of the Kiev Subway. *Tranp. stroit.* no. 8:17-17 '68.

- Objectives of the journal in the light of the decision of the Plenum of the Central Committee of the CPSU April 1968. *Osn., fund. i mekh. grun.* 10 no. 5:1 '68.
- Petrov, V. A., Korovin, I. A., Maslov, M. A. - Expanding cutler for cast-in-place piles of concrete. *Osn., fund. i mekh. grun.* 10 no. 5:11-13 '67.
- Petrov, I. P. - Projection of arched concrete walls to account horizontal displacement of foundations (stresses). *Stroit. i dor. mash.* 13 no. 11:25-27 '68.
- Polonskiy, G. A. - Assembly of embedded parts and joints at hydroelectric power plants. *Engrg. stroit.* no. 3:11-23 '67.
- Polubokko, A. A. - Studying engineering-geology state of the deformation of industrial and public buildings. *Izv. vuz. ucheb. zav. i gos. i rev. i* 11 no. 4:13-14 '67.
- Polubokko, I. K. - Physicochemical properties of soils in the foundations of concrete structures. *Trudy Leningradskoye no. 8:148-154 '67.*
- Rachitskiy, A. M. - Effect of time on piles in sandy clay. *Osn., fund. i mekh. grun.* 10 no. 5:13-14 '68.
- Raiskiy, V. V. - Determining soil pressure (externally) on a beam or wall by deflection measurements. *Osn., fund. i mekh. grun.* 10 no. 5:18-21 '68.
- Rashtornov, V. M., Isakovskiy, A. V. - Penetration test for determining friction and cohesion indices of cohesion soils. *Osn., fund. i mekh. grun.* 10 no. 5:2-10 '68.
- Rafimov, L. S., Petrov, G. M., Korovin, V. I. - Methods of testing loose fill in open pits before depth of the construction site of impervious parts of a dam. *Odn. stroit.* 39 no. 10:17-20 '68.
- Ravitskiy, M. I., Sakharovskiy, B. E. - Study of the process of cultivating rocky soils with a high-capacity tunnel cultivator. *Stroit. i dor. mash.* 13 no. 11:3-4 '68.
- Rozhnitskiy, I. V. - Settlement of structures on pile foundations due to negative friction. *Izsl. po mekh. stroit. i konstr.* no. 1 pt. 2:158-161 '67.
- Rozhnitskiy, A. V. - Engineering and geological conditions of the region. *Trudy Leningradskoye no. 8:148-154 '67.*
- Rozhnitskiy, A. V. - Slides and gullies on the slopes of canals and trenches during construction work. *Trudy Leningradskoye no. 8:148-154 '67.*
- Savitskiy, A. M. - Temperature conditions of earthwork building foundation beds during periods of earthwork. *Proiz. stroit.* 45 no. 10:31-31 '68.
- Shchegolev, E. K. - Calculating interior pressure of multi-layer lining rings for hydraulic tunnels, considering different rock characteristics of ring zones. *Odn. stroit.* 39 no. 11:30-36 '68.
- Shchegolev, E. K., Savitskiy, V. D. - Distribution of pore thrust along the height of a rigid retaining wall. *Za tekhn. prog.* 8 no. 10:35-38 '68.
- Stilts, V. E. - Calculation of a protective cover at a sandy site. *Engrg. stroit.* no. 3:78-81 '67.
- Stukhtskiy, A. V. - Calculating the depth of ground freezing and thawing. *Art. dor.* 31 no. 10:17-18 '68.
- Uvarov, G. M. - Designing pile foundations for impact loads. *Osn., fund. i mekh. grun.* 10 no. 5:10-14 '68.
- Talis, V. G. - Mechanization of earthwork in the construction of the Abkhaz-Tsahal railroad. *Stroit. i dor. mash.* 13 no. 11:3-4 '68.
- Troshchakov, B. V., Babitskiy, E. A. - Calculating the resistance of a grating girder under load. *Osn., fund. i mekh. grun.* 10 no. 5:10-14 '68.
- Troshchakov, B. V., Maslovskiy, M. M. - Calculation of the field of currents in the earth and network of underground pipes. *Izv. vuz. ucheb. zav. i gos. i rev. i* 11 no. 4:13-14 '67.
- Troshchakov, B. V., and others. - Automatic recording system of static soil probes using the S-75 instrument. *Osn., fund. i mekh. grun.* 10 no. 5:13-15 '68.
- Ushakov, E. B., Pannashov, A. K. - Correlation of static and dynamic strains indices of rocks as determined by large scale probing of rock mass. *Odn. stroit.* 39 no. 11:30-36 '68.
- Vavurov, M. G. - Modernized 300-40M dredger. *Tranp. stroit.* no. 8:34-35 '68.
- Velikikh, A. M., Anisov, G. K. - Drilling an inverted siphon trench in quicksand soil by blow-out blasting. *Mont. i spets. rab. v stroit.* 25 no. 6:19-20 '68.
- Vlasov, V. I. - Inventory shablon for blasting jobs. *Mont. i spets. rab. v stroit.* 25 no. 6:19-20 '68.
- Volkov, V. A. - Mounted equipment for grouting in railroad slopes. *Tranp. stroit.* no. 8:44-46 '68.
- Volkov, A. E. - MKK-4T drilling machine. *Stroit. i dor. mash.* 13 no. 11:7 '68.
- Volkov, A. V. - Calculating nonuniform settlement of large panel buildings with the consideration of long-term processes. *Osn., fund. i mekh. grun.* 10 no. 5:13-15 '68.
- Welcoming the 51st Anniversary of the Great October Revolution. *Stroit. i dor. mash.* 13 no. 11:3-4 '68.

624.1(III)—Cold (frigid) regions

- Khorostov, L. N. - Thermophysical principles of construction with preservation of frozen ground. *Osn., fund. i mekh. grun.* 10 no. 5:21-23 '68.

624.1(IV)—Polynesian Provinces

- Grebenskiy, V. G., Kozlovskiy, V. M. - Operations controlling the landslides on Kholovaya Mountain in Kamchatka. *Tranp. stroit.* no. 8:18-21 '68.

624.1(IV).5)—Road—Permafrost National Area

- Markov, L. P. - Features of earth-fill construction for buildings in Vorikta region. *Osn., fund. i mekh. grun.* 10:28-31 '68.

624.1(IV).6)—Domestic Bush

- Brookstein, B. M., Gorbanov, A. E. - Correlation between the strain modulus of Donbas clays and their void ratio and consistency indices. *Osn., fund. i mekh. grun.* 10 no. 5:14-17 '68.

634.1(478)—Moldavia S. S. R.
Ligachev, A. A. - Surveying measurements of settlements and bed deformations in buildings and structures in Kishinev. Trudy Kish. politekhn. inst. no. 7:84-87 '87.

634.1(479.35)—Armenia S. S. R.
Gashimov, R. A., Sapozov, P. D., Fashcheko, A. A. - Construction of a hydraulic engineering tunnel from the Arpa River to the Seven Lakes. Energi. stroit. no. 3:32-35 '87.

634.2 Superstructures. Bridges

Amanchov, V. S. - Waterproofing of reinforced concrete bridge elements. Vest. TSNII MPB 27 no. 5:68-63 '88.

Dikhtovskii, V. M. - Panel roofs of tanks and gasolders with anticorrosive coatings. Mont. i spets. rab. v stroit. no. 8:18-18 My '88.

Gershman, A. S. - Maintenance of welded spans. Stroi. i stroit. no. 27:11-22 '87.

Gidichovskii, V. D., Pakhomov, V. A., Sokolov, I. S. - Bearing structural members from soil cement concrete. Trudy Kish. politekhn. inst. no. 7:78-84 '87.

Lashovskii, D. M., and others. - Effect of the extent of the precompression on the formation of horizontal cracks in the concrete of spans in operation. Stroi. i stroit. no. 27:47-48 '87.

Ipat'ev, V. A. - Approximate calculation of the general stability of high hinged-rod systems. Za tekhn. prog. 8 no. 8:24-25 O '88.

Lavochkin, G. V. - Experiment in the use of high-strength bolts for reinforcing welded joints of web elements in a bridge span. Stroi. i stroit. no. 27:86-84 '87.

Mikrolanov, I. U. M., Ilyov, I. S. - Experience gained from using the arch system for precast reinforced concrete bridge spans. Transp. stroit. no. 8:11-14 Ag '88.

Nachay, I. U. P. - Determination of deformation properties of cable equipment. Stroi. i stroit. no. 27:103-100 Ji-Ag '88.

Novos, V. B. - Experimental study of transverse tension in slab bridges. Izv. vys. ucheb. zav. i stroit. i stroit. 10 no. 1:17-21 '87.

Podbello, M. S. - Design of devices for the inspection of railroad bridges and the analysis of their performance. Stroi. i stroit. no. 27:137-148 '87.

Ponomarev, P. F. - Effect of temperature on changes in the expansion of cracks in the walls of bridges in operation. Stroi. i stroit. no. 27:75-86 '87.

Pravotomov, V. A. - Some causes of unsatisfactory performance of bridge crossings. Stroi. i stroit. no. 27:13-18 '87.

Rakhorvskii, I. U. D., Bril, A. L. - Use of synthetic materials in the overhaul of reinforced concrete bridges in operation. Stroi. i stroit. no. 27:109-101 '87.

Rovnyi, A. A. - Durability of connecting angles. Stroi. i stroit. no. 27:110-124 '87.

Sakharov, V. A., Pukhnorgits, V. - Optimal quality of concrete and reinforcement. Percentage of reinforcement, and cross section height of a maximum cost three hinged arch. Izv. po stroit. stroit. i stroit. no. 1 p. 2:251-270 '87.

Shapiro, V. D. - Assembling racks of casting-head plants on the basis of network models and static calculations. Stroi. i stroit. no. 2:24-28 Ag '88.

Vasil'ev, D. L., Menezes, A. M., Bol'shechkin, O. P. - Experience in the installation and use on bridges of ballastless railroad beds over reinforced concrete slabs. Vop. vira. 13 no. 4:30-48 Ji-Ag '88.

634.2(471.50)—Moscow City

Vakunov, S. G., Lobov, M. P., Frankov, P. I. - Maximizing wire reinforced concrete slabs according to strand technology. Transp. stroit. no. 8:22-23 Ag '88.

634.2(471.63)—Perm Province

Gerasimov, E. S., Kadkov, V. G. - Transporting reinforced concrete crossings by floating them. Transp. stroit. no. 8:10-11 '88.

634.2(477)—Ukraine S. S. R.

Telarski, M. - New bridge over the Dniester. Stroit. i stroit. 18 no. 7:22-23 Ji '87.

634.2(471.61)—Krasnoyarsk Territory

Korotki, S. V., Smilgarov, V. M. - Supports for small and medium size bridges in the Noril'sk region. Transp. stroit. no. 8:17-9 Ag '88.

636 Railway, highway engineering

Prishchun, M. A., and others. - Study of the casting effect on rail performance in curved portions of track with reinforced concrete ties. Vest. TSNII MPB 27 no. 3:18-9 '88.

Zolotarevskii, A. V. - Most important results of scientific research on increasing the durability of rails. Vest. TSNII MPB 27 no. 3:11-4 '88.

636(471)—Asianic R. S. S. R.

Vakunov, V. S. - Problems concerning the development of means of transportation in the lowland of Western Siberia. Probl. Serv. no. 18:164-178 '87.

636(471.13)—Tyumen' Province

Brayov, B. V., Kolesov, L. L. - Hypothesis of the development of means of transportation in the northern Ob' Valley. Probl. Serv. no. 18:173-180 '87.

Grigorenko, G. V. - Transportation problems in the petroleum regions of Tyumen' Province ought to be solved comprehensively. Stroit. i stroit. 11 no. 8:10-11 Mr '88.

636(471.55)—Yakut S. S. R.

Gerasimov, V. M. - Hidden potentialities for the development of transportation in the northern regions of the Asiatic part of the U. S. S. R. Probl. Serv. no. 18:171-24 '87.

636.1 Railway engineering. Equipment and track

Belyshev, M. A. - Evaluating track profiles of railroad lines with the aid of an equivalent gradient. Vest. TSNII MPB 27 no. 3:60-63 '88.

Deviatkov, V. F., Abashkin, B. B. - Design of car tracks and the reliability of roller bearings. Stroit. i stroit. no. 48 no. 10:67-69 O '87.

Gudovskii, V. I., Bril, A. L., Nekrashev, A. V. - Experience in the use of spans with 54-meter prestressed reinforced concrete through-trusses. Stroi. i stroit. no. 27:51-54-55 '87.

Iashovskii, D. M., and others. - Effect of the extent of the precompression on the formation of horizontal cracks in the concrete of spans in operation. Stroi. i stroit. no. 27:47-56 '87.

Lavochkin, G. V. - Experiment in the use of high-strength bolts for reinforcing welded joints of web elements in a bridge span. Stroi. i stroit. no. 27:86-84 '87.

Lavrin, A. F. - Effect of an uneven track in plane on the forces of interaction between the track and the rolling stock on straight lines. Vest. TSNII MPB 27 no. 3: 0-13 '88.

Mel'ko, I. U. M. - Impact test of rails welded by contact and gas pressure methods. Vest. TSNII MPB 27 no. 3: 13-25 '88.

Mel'nik, D. M., Zakharov, E. V. - Mechanizing snow removal operations on switches. Stroit. i stroit. no. 49 no. 10:75-76 O '87.

Mochnay, M. P. - Determination of deformation properties of cable equipment. Stroi. i stroit. no. 102-100 Ji-Ag '88.

Podbello, M. S. - Design of devices for the inspection of railroad bridges and the analysis of their performance. Stroi. i stroit. no. 27:137-148 '87.

Pravotomov, V. A. - Some causes of unsatisfactory performance of bridge crossings. Stroi. i stroit. no. 27:13-18 '87.

Savitskiy, V. M., Mandlov, R. E., Lavochkin, G. V. - Investigating the combined action of rivets and high-strength bolts. Stroi. i stroit. no. 27:123-138 '87.

Shchekovskiy, G. S. - Constructing embankments for the second track using dump trucks. Transp. stroit. no. 8:11-7 Ag '88.

Sokolov, P. - Acceptance into the ranks of the workers. Stroit. i stroit. 13 no. 7:18 Ji '88.

Semenov, V. A., Bril, A. L., Karapetova, G. S. - Results of operating experimental spans and soils of a railroad bridge made of prestressed reinforced concrete. Stroi. i stroit. no. 27:86-84 '87.

Sumin, A. R., Kostikov, V. U., Shchukina, M. A. - Study of the selection action of communication cable sheathings under actual conditions. Avion. i telemekh. 12 no. 11:22-25 M '88.

Vasilev, M. S. - Investigating the characteristics of the ballast layer residual settling. Vest. TSNII MPB 27 no. 5:43-46 '88.

Vasil'ev, D. L., Menezes, A. M., Bol'shechkin, O. P. - Experiences in the installation and use on bridges of ballastless railroad beds over reinforced concrete slabs. Stroi. i stroit. no. 27:109-110 '87.

Vlasov, D. V. - Analysis for deciphering speed measuring tapes. Stroit. i stroit. 13 no. 7:15 Ji '88.

Vlasov, V. I., Korotkov, K. I., Anisimov, A. A. - Optimal parameters of relaxation in setting of frag cones. Vest. TSNII MPB 27 no. 5:41-43 '88.

Volski, V. A. - Mounted equipment for grass sowing on railroad slopes. Transp. stroit. no. 8:14-10 Ag '88.

Zhukov, A. S., Belyshev, M. P. - Measures taken against track formation in wood use. Vest. TSNII MPB 27 no. 5:47-49 '88.

636.1(471.55)—Chelyabinsk Province

Lashovskii, V. A. - Introduction of trees and shrubs for railway protecting belts in the Chelyabinsk district of the Southern Ural Railroads. Trudy Inst. skol. rast. i shrovin. no. 84:231-242 '87.

636.3 Rolling stock, locomotives, etc.

Batke, M. A., Balashov, B. A. - Properties of aluminum and its alloys under raised temperatures. Vest. TSNII MPB 27 no. 5:38-48 '88.

Chirchik, A. P., and others. - Measures in increasing the efficiency of the 10D106 diesel operating on low r.p.m. Stroit. i stroit. 13 no. 7:10-11 Ji '88.

Deviatkov, V. F., Abashkin, B. B. - Design of car tracks and the reliability of roller bearings. Stroit. i stroit. no. 48 no. 10:67-69 O '87.

Druzhin, S. A. - Parameters of vibration appears for congested cargo with a view to avoiding damage to freight cars. Vest. TSNII MPB 27 no. 5:36-37 '88.

Gora, V. M., Orabekov, P. T. - Increasing the effectiveness of rolling-stock braking power. Stroit. i stroit. no. 49 no. 10:72-79 O '87.

Iashovskii, D. M., and others. - Thermal hardening and repair by build-up welding of automatic couplings. Trudy TSNII MPB no. 34:13-18 '88.

Iashovskii, D. M., Golovarov, V. O. - Standardized automatic couplings of various design made of carbon steel. Trudy TSNII MPB no. 34:4-12 '88.

Iashovskii, D. M. - Highly durable automatic couplings made of low-alloy steel. Trudy TSNII MPB no. 34: 22-23 '88.

Ivanov, N. K. - Standardization of fuel expenditure in industrial transport. Stroit. i stroit. 13 no. 5:5-6 Ji '88.

Ivanov, V. P. - Leakage of gases into the water cooling system of the 2D106 diesel engine. Stroit. i stroit. 13 no. 7:42 Ji '88.

Khasid, A. G. - Overhaul of TSNII-Kh3 car trucks. Stroit. i stroit. no. 49 no. 10:68-73 O '87.

Kharitonov, A. M. - Electrical networks of the VL10 series electric locomotive. Stroit. i stroit. 13 no. 7:28-31 Ji '88.

Korolev, K. P., Melnikov, B. A., Beloslov, V. M. - Operational fatigue damage sustained by locomotive truck frames. Vest. TSNII MPB 27 no. 3:17-18 '88.

Korolev, M. V. - Soviet automatic couplings. Stroit. i stroit. no. 49 no. 10:43-48 O '87.

Kosarev, L. M., Iashovskii, D. M. - Highly durable manganese-silicon steel for casting units of friction absorbing devices. Trudy TSNII MPB no. 34: 42-48 '88.

Koturnov, V. M., Ostrov, T. A. - Stressed state of tank car tank of the type of a reinforced cylindrical casing. Vest. TSNII MPB 27 no. 3:38-39 '88.

Krivos, E. I. - Heat transfer and aerodynamic resistance of sections of diesel locomotive cokers. Vest. TSNII MPB 27 no. 5:15-20 '88.

Ladov, O., Mand, V. - Prospects for the development of hydraulic transmission systems of main line diesel locomotives. Stroit. i stroit. 13 no. 7:45-47 Ji '88.

Lazarov, A. A., and others. - Isolation of latest periodicity from random processes recorded during tests of a rolling stock by means of a spectral density integral. Vest. TSNII MPB 27 no. 3:56-57 '88.

Lavochkin, G. V., Sviridov, V. P. - Speeding up the discharging of viscous petroleum products from railroad tank cars by using distributing preheaters. Transp. i stroit. no. 8:17-20 '88.

Lomov, P. T. - Negative circuit loss. Stroit. i stroit. 13 no. 7:23-28 Ji '88.

Lysobachko, V. P. - Designation of the connectors of electrical equipment of TSNII MPB series diesel locomotives. Stroit. i stroit. 13 no. 7:21-28 Ji '88.

Milovodov, I. U. I., Lashovskii, A. A. - Adjusting the aperture of the regulating slide valve of hydraulic drives. Vest. TSNII MPB 27 no. 5:28-31 '88.

Miroshnikov, M. V. - The storage battery as the most important unit of a diesel locomotive. Stroit. i stroit. 13 no. 7:3 Ji '88.

Ocheretnikov, A. M. - How to better the use of shipping containers and drip pans? Stroit. i stroit. no. 49 no. 10: 89-91 O '87.

Opriatov, A. A. - Preventive maintenance of goodies. Stroit. i stroit. no. 49 no. 10:63-66 O '87.

Ostrov, A. B., Lazarov, E. M. - Switching operations and traffic safety rated by the established size. Stroit. i stroit. 13 no. 7:38-37 Ji '88.

Pastukovskiy, S. M. - Investigating tension fluctuations in an Alkron-type driving gear. Vest. TSNII MPB 27 no. 5:24-26 '88.

Podolskiy, I. U. S., Shchekovskiy, V. P. - Increasing the reliability of cars during exploitation. Stroit. i stroit. no. 49 no. 10:68-67 O '87.

Ravitskiy, I. G., Shchukina, M. G. - Coordinated braking of a set of cars on brake-shoe dropping positions. Stroit. i stroit. no. 49 no. 10:64-67 O '87.

Tarasov, M. G., Trechubashvili, A. G. - The VL40 locomotives on increased runs between maintenance checks. Stroit. i stroit. 13 no. 7:4-5 Ji '88.

Tikhonovskiy, L. M. - Stability problems of a diesel locomotive power system. Vest. TSNII MPB 27 no. 5:15-16 '88.

Tikhonovskiy, V. B. - Selecting efficient cross-section profiles of beams under bending and compressed torsion. Vest. TSNII MPB 27 no. 5:24-34 '88.

Vakunov, S. A., Kharitonov, M. M., Shchukina, M. F. - Where should the loadspeaker be located? Stroit. i stroit. 13 no. 7:11 Ji '88.

Vasilev, M. S., and others. - Use of electronic digital computers in planning railroad stations operations. Vest. TSNII MPB 27 no. 5:63-58 '88.

Vasil'ev, A. M. - A respected machinist of the Mifun' railroad repair shop. Stroit. i stroit. 13 no. 7:18 Ji '88.

Kekharov, I. D. - New 8A-D type automatic coupling system. Stroit. i stroit. 13 no. 7:18-30 Ji '88.

Zimodov, E. A. - A year of work under new forms of industrial management: economic reform in action. Stroit. i stroit. 13 no. 7:1-3 Ji '88.

636.4 Elevated and underground railways

Averbach, V. M. - Optimal design of a gully crane used in building subways. Transp. stroit. no. 8:18-20, 48 Ag '88.

Izady, I. P., Korotki, A. M. - Reliability of the automatic regulator of the 8AU-M. Trudy MIIT no. 270: 14-21 '88.

Ivanov, N. K. - Standardization of fuel expenditure in industrial transport. Stroit. i stroit. 13 no. 7:5-4 Ji '88.

Korotki, A. M. - Safety automatic control system and its modernization. Trudy MIIT no. 270:13-18 '88.

636.7 Highway, road engineering

Alkashnikov, I. U. K. - Horizontal curve radii and grade lines. Avt. dor. 21 no. 10:18-18 O '88.

Alkashnikov, V. R., Koshchuk, V. L., Shchukin, V. A. - Road repair and maintenance services should be on the level of modern requirements. Avt. dor. 21 no. 9:3-4 S '88.

- 18-

622.8 (Continued)

- Chikhonin, G.I. - New air conditioners for use on cranes. *Khol.tekh.* 48 no.10:54-60 O '68.
Iakovlev, M. - A portable air-conditioner. *Tekhn. i voenn. 28* no.3:7 Mr '68.
Frankel, M.I. - Effect of ventilation conditions in a spinning mill on the quality of rayon fibers. *Stor. MIST* no.11:55-57 '67.
Frankel, M.I. - Research on the aerodynamic design of an air distributing duct with a given nonuniformity of air distribution. *Stor. MIST* no.11:58-78 '67.
Khaseladze, M.N. - Air-conditioning unit on a Japanese pleasure vessel. *Khol.tekh.* 48 no.11:57 O '68.
Kryukov, E.D. - New self-contained ship air-conditioners. *Khol.tekh.* 48 no.10:50-54 O '68.
Krasov, B.V., Shumilov, G.I., Krasov, G.M. - Air conditioning of a passenger motor ship with under-water wings. *Khol.tekh.* 48 no.10:24-28 O '68.
Pavlov, I.B. - Studying air-jet curtains near the sources of harmful emissions. *Stor. MIST* no.11:57 '67.
Pavlov, R.V. - Refrigeration supply to central systems of air conditioning. *Khol.tekh.* 48 no.10:4-11 O '68.
All-Union Technological Conference on Air Conditioning in Industrial and Public Buildings. *Khol.tekh.* 48 no.11:51-53 O '68.
Mazepin, I.A., Masberg, I.U.M. - Effect of the geometric shape of a building on ventilation conditions of the space over its roof. *Stor. MIST* no.11:70-81 '67.
Tatarskiy, G.Y. - Investigating air curtains with bottom feed. *Stor. MIST* no.11:82-84 '67.

622.8(471.233)—Leningrad City

- Moskalev, L.M., and others. - Air conditioning in the Leningrad "Bel'vol'oknitel'" Concert Hall. *Khol.tekh.* 48 no.11:12-16 O '68.

622.9 Illuminating engineering

- Pokrov, S.I. - Lighting at construction sites with neon lamps. *Prost. stroit.* 44 no.10:24-25 '68.
Gerasimov, N.M., Alakshina, E.P. - Investigating ultraviolet radiation in industrial spaces. *Prost. stroit.* 45 no.8:33-36 '68.
Korring, G.M., Alsenberg, I.U.B. - New lighting engineering classification of light fixtures. *Svetotekhnika* 14 no.11:1-4 M '68.
Light fixtures with fluorescent lamps for lighting utility areas of dwellings. *Svetotekhnika* 14 no.11:10 M '68.
Vladimirov, V.A. - Use of traffic lights. *Osv. khoz. Mosk.* 43 no.10:10-12 F '68.

622.9 Parts, equipment of vehicles or craft

- Darg, V.A., Korov, B.G. - Mathematical model of life-support system. *Kosm. biol. i med.* 3 no.3:28-33 My-Je '68.
Mashchakov, P.A. - Electromagnetic transfer valve. *48/28* at. *Energetik* 18 no.11:18-20 M '68.
Patin, V.V. and others. - Some results of the biomedical experiments in the "Kosmos-10" biosatellite. *Kosm. biol. i med.* 2 no.1:7-14 Mr-Apr '68.

622.11 Land and road vehicles

622.11(471.218)—Tatarskiy Province

- Vasogradov, A. - Trade union group as an organizer of socialist competition. *Neftekh. 15* no.11:14-15 O '68.

622.113 Mechanically propelled (motor) vehicles. Automobile engineering

- "Avtomobilist-48." *Voen. iing.* 48 no.1:14-16 '68.
Belash, N.B., and others. - Problems of power loss due to motor vehicle vibrations. *Avi. prom.* 34 no.9:14-23 S '68.
Derzhak, S.K. - Determining the basic parameters of the bidet zone in front of a tractor. *Uch. zap. Mord. gos. un.* no.12:73-80 '67.
Dobrin, A.S. - Stability and controllability of a motor vehicle during its steady motion. *Avi. prom.* 34 no.9:23-32 S '68.
Fedorov, A., Malinov, I.U. - Testing of TDT-45 tractors with different power engines. *Les. prom.* 48 no.8:3-4 Ag '68.
Frieder, V.N. - Modernization of the running part of the MAZ-504 automobile. *Stro. i. 11* no.8:24 Mr '68.
Gaidar, A.I. - New wrench for bolts of caterpillar bands. *Stro. i. 11* no.3:29 Mr '68.
How tractors were provided with "shoes." *NTO* 10 no.11:23-25 M '68.
Malovskiy, V.I. - Some problems in determining the economic efficiency of introducing high-grade tractor tires. *Stro. i. 11* no.12:51-52 D '68.
Ivanova, A. - Harvest protection. *Stro. i. 11* no.10:23-24 O '68.
Kopustina, R.P. - Design of hydraulic systems for use in starting. *Trakt. i sel'khoz. mash.* no.7:10 JI '68.
Kozlov, V.I., Shchegolev, A.S. - Performance characteristics of large-size tires. *Avi. prom.* 34 no.8:22-24 Ag '68.
Kolyvashnikov, M.S. - Stand for testing and regulating units and subassemblies of hydraulic systems of agricultural machines and tractors. *Uch. zap. Mord. gos. un.* no.12:73-80 '67.
Korshakov, V.A. - Troubleshooting track for servicing gas pipelines. *Gaz. prom.* 13 no.6:18-19 Ja '68.
Makshkovskiy, V.K. - Foreign-made torque amplifiers. *Trakt. i sel'khoz. mash.* no.7:10-40 JI '68.

- Muravov, A.S., Talovskiy, V.M., Sidorenko, V.K. - New design of a rear window frame in GAZ-59 and GAZ-53A motor vehicles. *Avi. prom.* 34 no.8:145 S '68.
Mishchenko, K.A., Chashkin, H.F., Shalov, A.S. - Low-alloy steels used in domestic and foreign automobile industry. *Avi. prom.* 34 no.8:145-48 Ag '68.
Narbat, A.N., Lyashko, L.P. - Peculiarities of torque converter characteristics during reversing by a change in runner connections. *Avi. prom.* 34 no.8:140-12 S '68.

- Ovchinnikov, V.V. - Carrying capacity and its utilization in a city bus. *Avi. prom.* 34 no.8:123-24 S '68.
Pavlovskiy, P.M., Ivanovskiy, M.L. - Traction indices for the MTZ-52 tractor when operating on slopes. *Trakt. i sel'khoz. mash.* no.7:12-13 JI '68.
Pavlov, M.A., Stupov, G.K. - Results of the operational testing of the VTU-4 unit. *Les. prom.* 48 no.8:4-6 Ag '68.

- Pokrovskiy, V.A. - Selecting the material for cast iron components of automobile engines. *Avi. prom.* 34 no.8:140-12 S '68.

- Rivkin, P.R. and others. - Results of testing the experimental unit for low filling of tank trucks. *Transp. i khar. nefi i nefteprod.* no.9:23-25 '68.

- Rumyantsev, A.V. - Methods for accelerated road tests to improve the reliability and durability of automobile transmissions. *Avi. prom.* 34 no.8:140-12 S '68.

- Rusakov, A.R. - Automobile wheel movements along bumpy stretches of road. *Za tekhn. prog.* 8 no.10:38-40, 47 O '68.

- Shchegolev, Z.I., Bessonov, M.P., Tarasik, V.P. - Mathematical and full scale model study of a hydro-mechanical transmission of an automobile. *Avi. prom.* 34 no.8:140-12 S '68.

- Shchegolev, Z.I., Tarasik, V.P., Gurlov, V.N. - Mathematical hydro-mechanical transmission for heavy duty trucks. *Stro. i. 11* no.12:17-20 D '68.

- Shchegolev, A.L. - Mathematical model for the computer study of dynamics and fuel economy of automobiles. *Avi. prom.* 34 no.8:140-12 S '68.

- Shchegolev, V.V. - Improving fatigue strength of parts by the smoothing-out method. *Avi. prom.* 34 no.8:140-12 S '68.

- Tarasik, V.P. - Location of friction clutches in shaft gear boxes. *Avi. prom.* 34 no.8:140-12 S '68.

- Troshchinskoy, L.I., Shchegolev, G.G., Kats, G.R. - Effectiveness of scientific research in tractor construction. *Trakt. i sel'khoz. mash.* no.7:1-3 JI '68.

- Troshchinskoy, L.I. - Where we agree with professor Velikanov. *Prost. stroit.* 45 no.10:43-44 '68.

- Ushakov, L.T., Kholodkov, G.V. - Prospects of adopting economical rolled-steel metal shapes in the automobile industry. *Avi. prom.* 34 no.8:1-3 Ag '68.

- Ushakov, K.G. - Calculation of a centrifugal ball switch. *Avi. prom.* 34 no.8:140-12 S '68.

- Valekha, G.I., Kholodkov, V.I. - Characteristics of computing the power balance of caterpillar tractors with continuously variable transmissions. *Trakt. i sel'khoz. mash.* no.7:12-13 JI '68.

622.11(44)—France

- Verobov, A.V. - Methods and instruments for test-bed testing at the 1968 International Motor Bus Week in Mios. *Avi. prom.* 34 no.9:145-15 S '68.

622.11(471.242)—Orkity Province

- Ushakov, M.A. - GAZ-24 "Volga" motor vehicle. *Avi. prom.* 34 no.8:12-17 Ag '68.

622.11(48)—Sweden

- Larsson, O. - Central laboratory of Svanen-Vabis. *Avi. prom.* 34 no.8:143-44 Ag '68.

622.119 Gases, servicing, repair, salvage equipment

- Kalashnikov, I.U.P. - Economic reform and effective utilization of capital assets. *Avi. prom.* 34 no.8:1-3 S '68.
Kolyvashnikov, M.S., Shalov, K.L., Fedorov, P.V. - Introduction of continuous operation-production planning to repair facilities. *Uch. zap. Mord. gos. un.* no.12:73-80 '67.

622.12 Shipbuilding. Ships. Boats

- Kryukov, E.D. - New self-contained ship air-conditioners. *Khol.tekh.* 48 no.10:50-54 O '68.
Pepov, G.A. - Making use of interaction effect between propeller and rudder in a ship steering system. *Trudy TSHIMF* 14 no.6:73-84 '68.
Rinke, I.U., Gostogin, I.U. - Demagnetization of ships. *Tekhn. i voenn. 28* no.3:24-26 Mr '68.

622.12(436)—Poland

- Pha, A. - Maritime economy of Poland. *Nov. vresh.* 22 no.8:28 D '68.

622.12(44)—Scandinavia

- Karper, V.K., Mikhaylov, M.V. - Geography of ship-building in the Scandinavian countries. *Vest. LOU* 22 no.10:14-15 S '68.

622.123 Island (boat) water craft

- Gulbay, K.A. - Efficiency of using various type ships and large tractors. *Trudy TSHIMF* no.13:55-58 '68.
Ponomarev, V.M. - Method of determining the optimum capacity of vessels. *Trudy TSHIMF* no.13:4-14 '68.
Kulevskiy, K.L. - Ways to reduce losses of petroleum and petroleum products in the river transport. *Transp. i khar. nefi i nefteprod.* no.9:14-16 '68.

622.123 Sea or ocean going vessels and ships

- Mishchenko, B.V., Shumilov, G.I., Krasov, G.M. - Air conditioning of a passenger motor ship with under-water wings. *Khol.tekh.* 48 no.10:24-28 O '68.
[Water transportation] Ref. char. *Vod. transp.* no.9-10 S-O '68.

622.123(41)—United States of America
As accomplished "Queen." *Nov. vresh.* 27 no.4:121 Ja '68.

622.124 Special types of vessels or craft

- Kozlovskiy, G.S. - Ice producers for vessels of the fishing industry. *Khol.tekh.* 48 no.10:22-24 O '68.
Moshakov, P. - Icebreakers are not the only ones. *NTO* 10 no.11:24-25 M '68.

622.125 Sports and other small craft. Yachts. Boats

622.125(53)—Japan

- Kishikawa, M.M. - Air-conditioning unit on a Japanese pleasure vessel. *Khol.tekh.* 48 no.11:57 O '68.

622.127 Submersibles. Underwater craft

- Dukhin, I.E. - Calculating the loss of an underwater gas pipeline. *Gaz. prom.* 13 no.6:12-14 Ja '68.

622.13 Aeronautical engineering. Aircraft

[Aircraft and rocket engines] Ref. char. *Avi. i kosm. tekhn.* no.11-12 M-D '68.

- Bondarov, K.V., Egorov, V.A., Kuznetsov, V.M. - Evaluation of the strain level of activity under conditions of hypoxia and oxygen breathing under various pressures. *Vop. tekhn.* 14 no.4:151-158 JI-Ag '68.

- Goldfarb, S. and others. - Our subject is flight safety. *Tekhn. i voenn. 28* no.3:40-41 Mr '68.

- Gradyanov, R. - Psychomotor reactions in man during flights along a ballistic curve. *Kosm. biol. i med.* 2 no.3:13-17 My-Je '68.

- Shcherbakov, I.A. - A case of analogy in aerodynamic wing characteristics. *Izv. AN SSSR. Mekh. i. 11* no.4:120-128 JI-Ag '68.

- Kavlov, M.D., Ponomarev, V.A. - Some problems of the reliability of the operator's activity in cases of failures of an automatic control system. *Vop. tekhn.* 14 no.4:149-50 JI-Ag '68.

622.128 Lighter-than-air craft

- Lishits, L. - Aeronautics-trawler. *NTO* 10 no.11:4 M '68.

622.128 Heavyer-than-air craft

- Makarov, R.V. - Helicopters at erection sites. *Mosk. i. 11* no.8:12-15 My '68.

622.19 Astronautics. Space vehicles and stations. Artificial satellites

- Amosov, I.U.V., Likh, V.P., Alekseyev, G.D. - Magnetometric equipment of space stations "Luna-9" and "Venera-4." *Kosm. i. 11* no.5:173-181 S-O '68.

- Aldoshin, V.V. - Agreement on the release and return of the economic and space objects. *Russ. gos. i. 11* no.11:123-127 M '68.

- Andriashko, E.L., Stepanov, I.U.R. - Working depth at the impact of meteor particles with prethreshold velocities. *Kosm. i. 11* no.5:173-181 S-O '68.

- Cooperation of outer space. *Nov. vresh.* 27 no.4:1-3 JI '68.

- Flight program carried out. *Nov. vresh.* 27 no.4:1-3 JI '68.

- Gorky, I.S. and others. - Drug therapy and flight safety. *Kosm. i. 11* no.5:173-181 S-O '68.

- Il'yich, A.R. - Analysis of a system for controlling the motion of a low frequency vehicle. *Kosm. i. 11* no.5:173-181 S-O '68.

- Isaichev, V.V. - Simultaneous analysis of corrected and deceleration problems for one class of trajectories of landing on a planet. *Kosm. i. 11* no.5:149-150 S-O '68.

- Krasov, A.A. - Stability according to the first approximation of the rotation of an artificial earth satellite around its mass center. *Kosm. i. 11* no.5:173-181 S-O '68.

- Kobzarev, G.P., Belov, A.I. - Method for computing the disturbance of a space vehicle by reflected solar radiation. *Kosm. i. 11* no.5:173-181 S-O '68.

- Kozlovskiy, G.P. and others. - Micrometeorite studies conducted on "Kosmos-136" satellite. *Kosm. i. 11* no.5:173-181 S-O '68.

- Makarov, G.I. - Some problems in connection with the installation of a penell-beam parabolic antenna on a space vehicle. *Kosm. i. 11* no.5:173-181 S-O '68.

- Mikhlin, V.P. - Parameters of the automatic control systems of the orbital protection of seagoing ships. *Trudy TSHIMF* 14 no.6:73-84 '68.

- Mishchenko, M.N., Solodovnikov, G.K., Kozlov, I.U.A. - Possibility of single-valued experimental calculation of Faraday rotation angle of polarization plane of radio signals transmitted from space objects. *Kosm. i. 11* no.5:173-181 S-O '68.

- Masarev, A.L. - Some problems of the optimization of processing of orbital measurements of artificial earth satellites. *Kosm. i. 11* no.5:173-181 S-O '68.

- Masarev, T.M., Kozlovskiy, G.D., Vasilkov, K.V. - Recording meteor particles by piezoelectric transducers. *Kosm. i. 11* no.5:173-181 S-O '68.

609.19 (Continued)
 Chelchov, A. M., Galkina, G. S. - Estimation of the lower boundary and thickness of the cloud layer on Venus. *Kosm. issl.* 8 no. 6:178-184 S-O '68.
 Kozlov, B. A. - Determination of motion parameters of a space vehicle in flight with an operating motor. *Kosm. issl.* 6 no. 6:681-673 S-O '68.
 [Rocket building] *Rak. stroy.* *Rak. stroy.* no. 12 D '68.
 Kuznetsov, V. V. - Stability of stationary motions of free systems. *Kosm. issl.* 6 no. 6:642-648 S-O '68.
 Salata, V. V. - Method for finding the approximate optimum control of space vehicles with low traction motors. *Kosm. issl.* 8 no. 6:664-662 S-O '68.
 Sedov, L. I. - Measurement of the scattered solar γ -radiation in the upper terrestrial atmosphere at altitudes from 1000 km. to 3500 km. *Kosm. issl.* 8 no. 6:725-727 S-O '68.
 Soviet achievements in outer space. *Nov. vresh.* 27 no. 3:1 Jan. '68.
 [Space research] *Rak. stroy.* *Isk. kosm. promst.* no. 6-12 S-O '68.
 Space of outer space is progressing! *Part. shikn.* no. 2:116 M '68.
 Kuznetsov, V. V. - New developments in outer space research of Soviet scientists. *Nov. vresh.* 28 no. 4:114-116 M '68.
 Kuznetsov, R. A. - Calculation of the circular orbit of an artificial earth satellite with the aid of a BESM-2 electronic computer. *Part 2. Bk. issl. teor. astron.* 11 no. 6:302-308 '68.

629.19(73)—United States of America
 Academician L. I. Sedov on the "Apollo-8" flight. *Nov. vresh.* 27 no. 3:12-13 Ja '68.

63 AGRICULTURE, FORESTRY, STOCKBREEDING, ANIMAL PRODUCTION, HUNTING, FISHERIES
 Decisions of the October Plenum on the CC CPSU include a wide operational program. *Miss. ind. obrat.* 38 no. 12:1-3 D '68.
 [Masses information of the All-Union Institute of Scientific and Technical Information on Agriculture, Series: Agricultural Science and Practice] *Komp. Inform.* *Inform. Ser. Shikn. stroy. i prak.* no. 18, 20-21 S-O '68.
 [Information bulletin of new foreign books, received by the Lening Library, Series 3] *Inform. bul. nov. inostr. knig.* *postup. v Bibl. im. V. I. Len. Ser. 3* 13 nos. 1-3 Ja-F '69.
 Maslov, V. V. - Prospects of developing agricultural science. *Kosm. issl.* 44 no. 1:114-118 '68.
 [New foreign books, Series VI Biology, Medicine, Agriculture] *Nov. knigi na rub. Ser. VI Biol., med., sel', zhov.* 13 no. 11 M '68.
 Shchegoleva, L. - Green light for agricultural books. *Knizh. svet.* no. 12:38-40 D '68.
 Trifonov, M. P. - Man of science at the people's universities. *Vest. vyz. shkoly* 24 no. 10:48-51 O '68.

63(471.323)—Lipetsk Province
 Davydov, V. P. - Agroecological conditions governing the cultivation of beets in Lipetsk Province. *Russ. zh. zhivot. i sel. khoz. khoz.* no. 4:89-103 '68.

63(571.75)—Altai Territory
 Georgiev, A. - Nature is the primary source of material wealth. *Kommunist* 48 no. 9:48-54 Ja '68.

631 Agony
 Carrying out the decisions of the 3rd Congress and Plenums of the Central Committee of the CPSU on problems of agriculture; decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. *Part. shikn.* no. 3:14-8 M '68.
 Course of implementing the decisions of the 3rd Congress and Plenums of the Central Committee of the CPSU on problems of agriculture; decision of the Plenum of the Central Committee of the CPSU adopted on October 31, 1968. *Kommunist* 48 no. 10:3-10 M '68.
 Florov, L. I. A. - Decisions of Lenin's party have been carried out. *Vop. iz. KPSS* no. 1:3-13 '68.
 Kuznetsov, F. L. - Some psychological problems in the activity of the crop grower. *Vop. psikh.* 14 no. 3:119-123 My-Je '68.
 Lise, G. L., Shchegoleva, M. M. - Fifth intercollegiate Conference on Natural and Geoeconomic Zoning of the U.S.S.R. for agriculture. *Vest. Mosk. univ. Ser. 8: Biol., postov.* 22 no. 3:114-118 My-Je '67.
 Pyrkov, M. I., Masov, F. V. - V. I. Lenin on advanced experience in agriculture. *Izv. Kakh. SKKH* 20:6-10 '67.
 Vilenskii, M. - Electrification of the whole country. *Kommunist* 48 no. 13:40-51 S '68.

631(477)—Ukraine S. S. R.
 Yur, V. - Triumph of Lenin's cooperative plan. *Kommunist* 48 no. 12:2-3 S '68.

631.1 Farm management
 Dem'chenko, V. M. - Appropriation of the acts of kollektiv self-government. *Sov. gos. i prav.* no. 11:120-124 M '68.

Korotkiy, A. - Reproduction of the labor force in the village. *Kosm. issl.* 44 no. 1:129-130 '68.
 Miloserdnyy, M. - Basic principles of management of labor collectives. *Kosm. issl.* 44 no. 1:177-84 '68.
 Mikulskiy, M. - The experiment raises questions. *Kosm. issl.* 44 no. 1:144-54 '68.
 Radov, B. V. - Dispatching and directing agricultural production. *Mosk. trad. VIKKH* 20:68-80 '67.

631.1(471.323)—Leningrad City
 Korotkiy, M. - Business accounting in operation. *Dokl. Akad. S. S. S. R.* no. 11:48-47 M '68.

631.1(471.321)—Moscow Province
 Gorn, M. - According to Il'ich's personal initiative. *Obsh. truda i sots. strakh.* 12 no. 1:9-29 Ja '68.

631.1(471.321)—Orel Province
 Sokolov, Y. - Economic incentives in agriculture. *Kommunist* 48 no. 12:72-81 Ag '68.

631.1(471.325)—Belgorod Province
 Kravtsov, A. - Local party organizations and economic specialization. *Part. shikn.* no. 13:20-30 JI '68.

631.1(471.341)—Gorky Province
 I. Smirnov, I. - Valuation of land in Gorky Province. *Kosm. issl.* 44 no. 1:93-97 '68.

631.1(471.48)—Polgograd Province
 Kalashov, R., Korotkiy, V. - Brigades and teams in the irrigated vegetable gardening. *Kosm. issl.* 44 no. 1:73-78 '68.

631.1(477)—Ukraine S. S. R.
 Andreyev, A. - Initiative of the masses is a powerful source of agricultural expansion. *Kommunist* 48 no. 9:36-48 Ja '68.
 Koval, A., Kondratyuk, R. - Use irrigated lands better. *Kosm. issl.* 44 no. 1:87-100 '68.
 Oborotnikov, V. - Local services and learning. *Rak. prav.* 21 no. 11:23-27 M '68.

631.1(477.5)—Western Ukraine
 Mikulskiy, M. - Executive committees of village soviets and the boards of kollektivs. *Rak. prav.* 21 no. 11:23-24 M '68.

631.1(478)—Moldavia S. S. R.
 Gorbatsky, F. - Improve labor productivity in every way possible. *Kosm. issl.* 44 no. 12:24-25 '68.

631.1(474)—Kazakhstan S. S. R.
 Sokolov, M. - Specialization and econstruction of production in Kazakhstan. *Kosm. issl.* 44 no. 12:25-27 '68.

631.3 Farmstead, farmstead
 Buzikov, M. L. - Installing foundations for livestock buildings. *Mosk. stroy.* 22 no. 6:14 Ja '68.
 Yurkovich, A. Kh. - Design of large dairy farms with spacious buildings in Chuvashskaya. *Trudy Kakh. politkh. inst.* no. 7:73-78 '67.

631.3 Agricultural implements, machinery. Farm mechanization
 Anisimov, F. M. - Effect of movement speed of a grain sower on the evenness of seed distribution. *Zap. LKHII* 108:186-187 '68.
 Anisimov, M. - Sowing corn with soybeans with the use of a special device on the tractor sower. *Izv. Kakh. SKKH* 20:170-175 '67.
 Bazar, A. M. - Use of electron-ion technology in agriculture. *Mosk. trad. VIKKH* 20:448-450 '67.
 Buzikov, A. M. - Experimental study of the dynamics of a tractor-mounted sowing unit. *Zap. LKHII* 108:23-40 '68.
 Doldov, M. M. - Study of passive-type working parts in tractors. *Zap. LKHII* 108:254-261 '68.
 Doronov, A. M. - Study of the process of moving grain with a scraper chain in a closed inclined housing. *Trudy VIKKH* no. 5:465-470 '67.
 Eremin, G. I. - Mechanization of milk feed on the farm and the equipment for the initial treatment of milk. *Mosk. trad. VIKKH* 20:366-370 '67.
 Fedotkin, I. A. - Organization of scientific research on the electrification of agriculture. *Mosk. trad. VIKKH* 20:36-38 '67.
 Belikov, A. I., Kozlovskiy, A. P., Solov'yev, D. I. - Fifty years of Soviet agricultural machine building. *Trudy VIKKH* no. 4:48-49 '67.
 Buronov, V. I. - Independent supply units for the electrification of field cropping work. *Mosk. trad. VIKKH* 20:318-324 '67.
 Chokas, D. S. - Electrification in the living conditions of the rural population. *Mosk. trad. VIKKH* 20:464-463 '67.
 Denisov, A. V., Kiselev, M. N., Makarov, B. G. - Use of thermal energy in agricultural production. *Mosk. trad. VIKKH* 20:323-328 '67.
 Derlyabin, A. K. - Determining the basic parameters of the lifted cone in front of a tractor. *Uch. zap. Mosk. gos. un.* no. 63:62-64 '67.
 Derlyabin, A. K. - Some constructional deficiencies of the DT-75 and MTZ-50 tractors from the point of view of safety techniques. *Uch. zap. Mosk. gos. un.* no. 63:59-61 '67.
 D'yakov, L. I., Kopylov, M. K., Sysoev, V. A. - Study of the reliability of wheeled plowing tractors. *Trakt. i sel'khoz. mash.* no. 7:11-12 JI '68.
 Kiba, L. M., and others. - Reliability of electrical supply for agricultural users and the quality of electric energy. *Mosk. trad. VIKKH* 20:464-503 '67.
 Kuznetsov, V. G. - Modeling a tractor-mounted plowing unit according to its transmission function. *Zap. LKHII* 108:12-16 '68.
 Pakeev, M. M. - Theoretical and experimental study of the process of transporting chopped plant stuff by rotary-type working parts. *Trudy VIKKH* no. 6:477-506 '67.
 Fedoseev, I. A., Gomey, I. B. - Preparation and application of mineral fertilizer mixtures. *Trakt. i sel'khoz. mash.* no. 7:26-27 JI '68.

631.3 Agricultural implements, machinery. Farm mechanization (Continued)
 Fedoseev, I. A. - Analysis of the working process of separation on flat sieves. *Zap. LKHII* 108:183-185 '68.
 Galachyev, R. S., Likhin, L. D. - Rational substitution of solid shafts and axes with tubular ones. *Trakt. i sel'khoz. mash.* no. 7:28-27 JI '68.
 Odolov, V. P. - Determination of the dynamic coefficient of friction in seed impacts on a rough surface. *Uch. zap. Mosk. gos. un.* no. 63:67-73 '67.
 Odolov, V. P. - Effect of air resistance on the transformation of initial sugar beet seed flow in free flight. *Uch. zap. Mosk. gos. un.* no. 63:51-54 '67.
 Ordynskiy, V. T. - The HOG-3 needle (pork harrow). *Trakt. i sel'khoz. mash.* no. 7:20 JI '68.
 Orlov, S. M., and others. - Construction of seed cleaning machines with automatic optimum sieve-work search. *Zap. LKHII* 108:84-83 '68.
 Orlov, S. M., and others. - Research on a friable material flowmeter for systems of automatic control and regulation of the technological processes of seed cleaning machines. *Zap. LKHII* 108:84-73 '68.
 Orlov, S. M., Leshchov, E. M. - Evaluation of the performance of a grain cleaning machine. *Zap. LKHII* 108:128-128 '68.
 Orlovskiy, A. A. - Experimental study of the system of an automatic hydraulic amplifier of a coupling weight. *Zap. LKHII* 108:47-53 '68.
 Romanov, D. A. - Aspects of the selection of an aperture angle of a cultivator weeding sweep. *Uch. zap. Mosk. gos. un.* no. 63:7-21 '67.
 Romanov, D. A. - Soil clogging of single side cultivator sweeps. *Uch. zap. Mosk. gos. un.* no. 63:12-18 '67.
 IFIshchik, D. V. - Use of M3-3644-type mechanized fuel-service units in kollektivs and state farms. *Transp. i khran. nefli i nefteprod.* no. 5:18-20 '68.
 Ioffe, G. B. - Determination of the transmission function and amplitude-phase characteristics of a linear system on an experimental working curve. *Trudy VIKKH* no. 6:234-241 '67.
 Isinov, B. A., Lomova, P. P., Mironovskiy, V. V. - Automatic device for the regulation of grain harvesting combines. *Zap. LKHII* 108:17-20 '68.
 Isinov, B. A., Mironovskiy, V. V. - Some prerequisites for loading automation of grain harvesting combines. *Zap. LKHII* 108:11-20 '68.
 Kaganov, R. P. - Design of hydraulic systems for ease in starting. *Trakt. i sel'khoz. mash.* no. 7:18 JI '68.
 Kerber, V. M., Kiselev, V. G., Kiselev, K. A. - Obtaining of initial information and its processing for the modeling of agricultural units and their regulating systems. *Zap. LKHII* 108:41-45 '68.
 Khasanov, M. M., Bogdanov, M. A. - Determining the parameters of double blade cutting units. *Zap. LKHII* 108:122-126 '68.
 Khasanov, M. M. - Evaluation of the performance quality of cutting units. *Trakt. i sel'khoz. mash.* no. 7:19-20 JI '68.
 Khasanov, M. M. - Theory of double blade cutting units. *Zap. LKHII* 108:124-125 '68.
 Kurlov, Z. K. - Device for registering the trajectories of rakes traction mechanism. *Zap. LKHII* 108:80-83 '68.
 Kuznetsov, V. G. - Effect of plowing speed on the traction resistance of plow body. *Trudy VIKKH* no. 6:50-57 '67.
 Kuznetsov, G. T. - Schemes of electronic devices for the study of agricultural machines. *Trudy VIKKH* no. 5:481-484 '67.
 Kuznetsov, A. A. - Optimality problem in electrified agricultural production and ways and means to solve it. *Mosk. trad. VIKKH* 20:407-408 '67.
 Kolobin, M. M. - Elements of the technical design of the active parts in potato tuber sorting. *Trudy VIKKH* no. 5:423-421 '67.
 Kolyvashnikov, M. S. - Stand for testing and regulating units and subassemblies of hydraulic systems of agricultural machines and tractors. *Uch. zap. Mosk. gos. un.* no. 63:63-68 '67.
 Kondratyev, V. S. - All-Union seminar on the use of gas in agriculture. *Gos. prom.* 13 no. 8:43-44 Ja '68.
 Kozlov, V. P. - Micro-robotics building of cows. *Mosk. trad. VIKKH* 20:77-108 '67.
 Kozlov, V. S. - Complex electromechanical of cattle raising farms. *Mosk. trad. VIKKH* 20:50-70 '67.
 Kozlovskiy, T. L. - Transmission and work regimen in machine operators in farming. *Sov. vresh.* *Trud. Mrev.* *Isk. inst. travn. i ort* no. 6:18-13 '68.
 Lebedev, B. M., Markovits, V. M. - Theoretical fundamentals of sprinker jets. *Trudy VIKKH* no. 5:118-150 '67.
 Lebedev, B. V. - Electrical transmission with independent supply sources of electrical energy in models agricultural machinery. *Mosk. trad. VIKKH* 20:301-315 '67.
 Lebedev, V. V., Greshchik, D. I. - Automatic control and regulation of the heat carrier temperature in the SXB-3 grain dryer. *Zap. LKHII* 108:83-88 '68.
 Leshchov, A. I. - Form of the blade wing of a rotary furrow cultivator. *Uch. zap. Mosk. gos. un.* no. 63:25-27 '67.
 Levin, M. S. - Use of electronic computers in rural electrification. *Mosk. trad. VIKKH* 20:468-484 '67.
 Lipov, I. U., and others. - Investigation and study of devices for the mechanization of the processes of plant growing by the hydroponic method. *Trudy VIKKH* no. 5:412-470 '67.
 Lishov, P. M. - Mechanization and electrification, the most important factors in the intensification of agriculture. *Mosk. trad. VIKKH* 20:3-18 '67.
 Logvinov, M. V. - Electromechanical of water supply in agriculture. *Mosk. trad. VIKKH* 20:126-234 '67.
 Lurie, A. B., Buzikov, V. G. - Methodology of modeling agricultural units and their regulating systems during occasional starting disturbances. *Zap. LKHII* 108:16-22 '68.

631.3 (Continued)

- Lark, A. B., Sergeev, V. L. - Equalization of movement of a cultivator unit in tillage of row-crop plantings. *Zap. LKKh* 103:27-31 '68.
- Makarov, V. M. - Setting up a plow hitch in a vertical plane. *Uch. zap. Mord. gos. un.* no. 63:123-129 '67.
- Marflov, A. I. - Aspects of the regulation of the technical process of potato harvesters. *Trudy VASKHOLIA* no. 50:124-128 '67.
- Melichov, V. V., Pashov, I. M., Mironov, V. A. - Experimental study of plows with active working parts. *Trudy VASKHOLIA* no. 55:48-49 '67.
- Mironov, A. S. - The HEC-2, 4 cotton picking machine "Uzbekistan". *Trakt. i sel'khoz. mash.* no. 7:128-36 '71.
- Mukosechay, L. I., Kargiev, A. A. - Automatic loading regulation in a silage harvesting combine. *Trudy VASKHOLIA* no. 50:123-123 '67.
- Mukorov, G. I., Kravtsov, V. R. - Electrification and automation of the postharvest treatment and storage of grain. *Mash. tr. VASKHOLIA* 20:230-243 '67.
- Mukofa, R. K. - Branch conference at the Kherson Combine Factory. *Trakt. i sel'khoz. mash.* no. 7:140 '71.
- Murinov, G. L. - Electrification of labor demanding processes in swine raising. *Mash. tr. VASKHOLIA* 20:127-132 '67.
- Odnorukov, I. F., Sorokin, K. A., Khrapov, K. L. - Machines for planting sugar beet mother roots. *Trakt. i sel'khoz. mash.* no. 7:133-34 '71.
- Olov, R. M., Golovinskiy, V. P. - Study of the work of a beet sower. *Uch. zap. Mord. gos. un.* no. 63:3-8 '67.
- Oryzhak, V. A. - Construction of a flax pulling machine with a shaft loading device. *Trakt. i sel'khoz. mash.* no. 7:122-25 '71.
- Oshov, V. I. - Theoretical bases of the construction of fibrous plant materials. *Trudy VASKHOLIA* no. 54:121-123 '67.
- Parusov, V. - The basis for specialization. *Stand. i tech.* 32 no. 10:64-65 O '68.
- Parusov, V. V. - In the Ministry of Tractor and Agricultural Machine Building. *Trakt. i sel'khoz. mash.* no. 7:145-46 '71.
- Paschenko, P. M., Ivanovskiy, M. L. - Tractor indices for the MTZ-55 tractor when operating on slopes. *Trakt. i sel'khoz. mash.* no. 7:115-12 '71.
- Pavlov, R. A. - Foreign patents for mobile motor saws. *Law. proc.* 48 no. 8:13-14 Ag '68.
- Pechenkin, A. V. - Electrification of labor in sheep raising. *Mash. tr. VASKHOLIA* 20:144-147 '67.
- Petrov, G. D. - Fundamentals of the estimation of the technical process of a potato harvester. *Trudy VASKHOLIA* no. 54:308-311 '67.
- Pilipko, D. K., and others. - Tests of beet harvesting machines with preliminary root top cutting. *Uch. zap. Mord. gos. un.* no. 63:34-35 '67.
- Polyanskiy, K. K. - Development of a photoelectric method of square-root sowing, and test results of an experimental sower. *Zap. LKKh* 106:74-75 '66.
- Prishchep, I. G. - Electrification of sheltered ground. *Mash. tr. VASKHOLIA* 20:244-247 '67.
- Pyatigala, M. A. - Study and improvement of grain harvesting combines. *Trudy VASKHOLIA* no. 54:285-308 '67.
- Radvitskiy, A. L., Shapovalov, V. D. - Analysis of self-orientation and stability of the automatic guidance system along the rollers of a self-propelled grain harvesting combine. *Trudy VASKHOLIA* no. 54:29-30 '67.
- Rabinovich, A. L. - Systems for automatic guidance of harvesting machines while in operation. *Trudy VASKHOLIA* no. 54:3-24 '67.
- Rozak, M. K. - Some aspects of the theory of blade setting. *Trudy VASKHOLIA* no. 54:181-230 '67.
- Sakala, A. G. - Study of the location of torque converter parts in caterpillar tractors. *Uch. zap. Mord. gos. un.* no. 63:73-77 '67.
- Selietov, G. P., Pilipko, D. S. - Increasing the working speed of a down-the-row thresher. *Uch. zap. Mord. gos. un.* no. 63:23-26 '67.
- Shakirova, S. A. - Calculation of the motion winding of the flow by means of a model of the diffuser. *Zap. LKKh* 105:126-128 '67.
- Staritskiy, V. K. - Regularities of the approach of a soil layer to the share of a plow ditch digger. *Trakt. i sel'khoz. mash.* no. 7:126-28 '71.
- Stukarov, S. V. - Radiolabel and paraffin of the development of agricultural electrification in the U.S.S.R. *Mash. tr. VASKHOLIA* 20:27-28 '67.
- Stupakov, V. D. - Dynamics of self-propelled harvesting machines as objectives in automatic load regulation systems. *Trudy VASKHOLIA* no. 54:536-543 '67.
- Stupakov, V. D. - Some aspects of the statistical analysis of automatic emergency regulation systems. *Trudy VASKHOLIA* no. 54:51-54 '67.
- Shchegolev, M. I. - Analysis determination of the parameters of the process of separation. *Zap. LKKh* 104:124-127 '66.
- Strider, M. R. - Features of the overall mechanization of fiber flax harvesting. *Trakt. i sel'khoz. mash.* no. 7:120-23 '71.
- Stukach, P. I. - Impact of the scientific and technological revolution on the socialist countryside. *Vop. filoz.* no. 11:23-26 '68.
- Styria, R. M. - Electrification of poultry raising. *Mash. tr. VASKHOLIA* 20:186-187 '67.
- Sukrov, V. I., Andreev, R. M. - Electric heating in agricultural production. *Mash. tr. VASKHOLIA* 20:200-208 '67.
- Stukach, V. G. - Electrification of the mobile processes in field cropping. *Mash. tr. VASKHOLIA* 20:201-202 '67.
- [Tractors and agricultural machinery and equipment] *Ref. zhurn. i Trakt. i sel'khoz. mash. i form.* no. 10 O '68.
- Upryad program in operation. *Obsh. tr. i sots. struk.* 21 no. 11:3-4 '68.
- Volkov, P. M., and others. - Durability and load-carrying ability of agricultural machines constructed from metal. *Trudy VASKHOLIA* no. 54:444-450 '67.
- Valakh, G. I. A., Molokanov, V. I. - Characterization of computing the power balance of caterpillar tractors with continuously variable transmissions. *Trakt. i sel'khoz. mash.* no. 7:123-125 '71.
- Vysotskiy, P. F., Domaratidze, P. I., Tabachnik, B. L. - Agrotechnical evaluation of the work of cultivator sweeps during interrow cultivation of row crops. *Zap. LKKh* 106:174-175 '66.
- Zhigalov, A. M. - Some dynamic characteristics of a hillside combine as an automatic leveling system. *Trudy VASKHOLIA* no. 50:44-49 '67.
- Zuev, V. A., Kravtsov, V. V. - Electrification of transportation work on livestock farms. *Mash. tr. VASKHOLIA* 20:235-236 '67.
- 631.3(43)—German Democratic Republic
Zimane, G. - Daily bread. *Nov. vresh.* 26 no. 5:118-27 '71.
- 631.3(478)—White Russian S.S.R.
Marta, M. - Efficiency of the mechanization of minor processes. *Khoz. sel'khoz.* 44 no. 12:66-71 '65.
- 631.3(477)—Ukraine S.S.R.
Andreev, A. - Initiative of the masses is a powerful source of agricultural expansion. *Kommunist* 45 no. 6:30-44 '68.
- 631.3(474)—Kazakh S.S.R.
Borisov, F. V., Terpilovskiy, E. M. - Study of the performance of grain drills at increased speeds in North Kazakhstan. *Trakt. i sel'khoz. mash.* no. 7:125-26 '71.
- 631.3(73)—United States of America
Lisovsky, A. A. - Hay harvesting machines in the USA. *Trakt. i sel'khoz. mash.* no. 7:140-42 '71.
- 631.363 Gods elevators. *See*
Larshin, G. I., Makarov, V. M. - Study of the loading process of bucket-type elevators. *Uch. zap. Mord. gos. un.* no. 63:35-40 '67.
- Mukorov, G. I., Kravtsov, V. R. - Electrification and automation of the postharvest treatment and storage of grain. *Mash. tr. VASKHOLIA* 20:230-243 '67.
- Parusov, G. I., Kadosov, S. P. - Fermentation processes in silage made from sugar beet leaves with nitrogenous additives. *Dokl. TSKHA* no. 124:117-123 '67.
- 631.4 Soil science
Alashin, S. M., Kuznetsov, A. V. - Transformation of food-grade into layered clay minerals. *Dokl. TSKHA* no. 124:67-71 '67.
- Alashin, S. M., Kuznetsov, A. V. - Transformation of silica to monosilicic acid. *Dokl. TSKHA* no. 124:61-66 '67.
- Alashin, S. M., Kuznetsov, A. V. - Quantitative characteristics of soil swelling ability. *Dokl. TSKHA* no. 124:67-71 '67.
- Borshkov, V. V. - First results of work on the study and introduction of a complex of measures to control wind erosion of the soil. *Trudy Kazakhsk. 6:147-154 '67.*
- Chelobitina, M. I. A. - Effect of aqueous extracts from vetch plant leaves on the mesophase-B4 adsorption in different soil types. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:131-32 '68.
- Chelobitina, M. I. A. - Nature of desorption action of extracts from the plant litter. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:123-30 '68.
- Chistova, E. D. - Study of the kinetics of sorption and the durability of bonding cation and anion by soil with the aid of radioactive indicators. *Dokl. TSKHA* no. 124:361-368 '67.
- Delkova, Z. M. - Adsorption of boron from soils. *Dokl. TSKHA* no. 124:177-183 '67.
- Dostov, L., Kuznetsov, A. V. - Effect of some pesticides on soil microflora. *Prilozhenie k mikrobiol.* 4 no. 4:608-613 '67.
- Ostapenko, A. Sh., Khachatryan, L. A. - Effect of carbonates on the intensity of soil respiration. *Dokl. AN Arm. SSR* 45 no. 4:258-261 '68.
- Radulova, N. A. - Effect of anion-exchange resins, prepared from the wastes from the Monokrylynskye Petrochemical Processing Plant, on the soil microflora. *Izv. Dalb. SKhI* 191:172-176 '67.
- Kapitsa, S. A., (Apostolov, G. I., Ushakov, A. A.) - Effect of the form of nitrogenous fertilizers on the biological activity and microbiological processes of soil and biogenic soils. *Trudy SSSR SKhI* no. 13:18-22 '67.
- Karavayev, E. R. - Distribution of sulfur-34 according to basic groups of chemical compounds in peat and pine plants as related to soil moisture level. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:131-34 '68.
- Kuznetsov, I. S., Shalova, V. R. - Aspects of the availability of iron in mealy-Probable and sandy loam soils. *Dokl. TSKHA* no. 124:33-38 '67.
- Kirilenko, P. D. - Effect of soil moisture on the development of weed erosion. *Dokl. TSKHA* no. 124:381-384 '67.
- Korovin, A. I., and others. - Effect of rhizosphere temperature on the absorption of mineral elements by plants. *Dokl. AN SSSR* 122 no. 1:177-179 '66.
- Kulikov, M. V. - Effect of some complexones on the sorption of radionuclides by soil. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:131-34 '68.
- Kulikov, M. V., Korotkiy, M. M. - Effect of vegetation on the vertical erosion-144 migration in soil. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:147-54 '68.
- Lokov, A. M. - Some data on the properties of a soil solution in long term usage of fertilizers, crop rotation and single crop systems. *Dokl. TSKHA* no. 124:139-145 '67.
- Mironov, R. A., Karavayev, E. R. - Effect of soil solution on the behavior of sulfur-34, cobalt-60 and strontium-90 in the system soil - plant. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:134-45 '68.
- Molokanov, I. V. - Cerium-144 behavior in some soil types. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:147-152 '68.
- Molokanov, I. V. - Uptake of microorganisms of ytrium-88 and cerium-144 radionuclides in plants from nutrient solutions and soil. *Trudy Inst. ekol. rast. i zhivotn.* no. 5:131-34 '68.
- Mosolov, G. V., and others. - Some problems of cotton ecophysiological thermodynamics in soils. *Koll. zhurn.* 20 no. 4:568-569 '68.
- Pechenkin, I. A., Kichikova, M. G. - Changes in the aggregate composition of the ground in its treatment with slugs. *Trudy SKhLP* no. 3:130-138 '67.
- Pechenkin, I. A., Kichikova, M. G. - Changes in the properties of coarser ground in interaction with self-decomposing slugs. *Trudy SKhLP* no. 3:140-144 '67.
- Pokotilo, A. S. - Chemical composition of the fractions of mechanical elements in general and southern Chernozem. *Vest. Mosk. un. Ser. 6:Biol., pochr.* 22 no. 3:100-113 '67.
- Pollakov, N. A., Grakovskiy, V. G. - Diffusion of strontium-90 ions in soils. *Trudy DGB* no. 3:164-176 '66.
- Rastvorova, O. G. - Soil temperature balance under different tree stands in the forest steppe. *Vest. LGU* no. 2:116-120 '68.
- Sharshak, V. K. - Regularities of the approach of a soil layer to the share of a plow ditch digger. *Trakt. i sel'khoz. mash.* no. 7:126-28 '71.
- Shel'd, S. M. - Effect of the corrosion of calcareous and potassium on the development of plants depending on the acid composition of the medium. *Dokl. TSKHA* no. 124:127-133 '67.
- Shklyay, V. I., and others. - Soil-fertilizer hydrothermal-densimeter for field investigations. *Akts. energ.* 23 no. 5:153-154 '68.
- Smirnov, P. M., Volinik-Volkovskiy, D. - Use of N15 for the study of the influence of applications of straw into the soil on the transformation of nitrogenous fertilizers and their assimilation by plants. *Dokl. TSKHA* no. 124:119-126 '67.
- [Soil science and agrochemistry] *Ref. zhurn. i pochr. i agrokhim.* no. 10 O '68.
- 631.4(470)—European U.S.S.R.
Kolpakov, V. V. - Hydrological and anastomotic qualities of the soils and depths of the irrigated lands of the steppe zone of the U.S.S.R. *Dokl. TSKHA* no. 124:236-243 '67.
- Kuznetsov, M. S. - Effect of preliminary moistening on the erosion resistance of light chestnut soils of the Yergel Hills (study of disturbed composition samples). *Vest. Mosk. un. Ser. 6:Biol., pochr.* 22 no. 3:100-113 '67.
- Rubtsov, E. V., Dolotov, V. A. - Gray forest soils of forest steppes in the European part of the U.S.S.R. *Vest. LGU* 23 no. 12:97-105 '68.
- Shalova, V. S., Dolotov, V. A. - Effect of industrial waste water on the iron accumulation horizons of the soil of north-western Meshekhara. *Dokl. TSKHA* no. 124:68-73 '67.
- 631.4(471.23)—Leningrad Province
Dezortova, L. L. - Occurrence of mobile phosphorus in some soils of Leningrad Province. *Vest. LGU* 23 no. 12:107-110 '68.
- 631.4(471.31)—Moscow Province
Pechenkin, I. A., Poddubskiy, M. N. - Group composition of the humus of the soils of the Moscow River flood plain. *Dokl. TSKHA* no. 124:47-53 '67.
- 631.4(471.44)—Saratov Province
Poddubskiy, M. N., Kirilichina, E. P., Krivolapova, V. P. - Changes in the group content of humus and phosphorus of the occupied Chernozems of Saratov Province in connection with their agricultural usage. *Dokl. TSKHA* no. 124:41-45 '67.
- 631.4(471.66)—Volgograd Province
Panov, M. P., Kozmina, M. I. - Genesis features of Solonchak and Solonchak-type soils of the Pavlovsk portion of the Irtysh Valley. *Dokl. TSKHA* no. 124:11-11 '67.
- Tandras, F. M. M. - Features of soil formation on the territory of the Volgograd Production-Experiment Forest Reclamation Station. *Dokl. TSKHA* no. 124:21-23 '67.
- 631.4(471.63)—Perm Province
Lisina-Kulik, M. S. - Mycoflora of some soils in Perm Province. *Vest. Mosk. un. Ser. 6:Biol., pochr.* 22 no. 3:71-78 '67.
- Mitroshina, O. A. - Soil erosion control. Berezh' priroda Prilozhenie no. 1:148-153 '68.
- 631.4(471.83)—Georgian S.S.R.
Kutsev, V. T., Gogoridze, M. L. - Distribution of lactic acid bacteria in the Red soils of Georgia. *Dokl. TSKHA* no. 124:225-229 '67.
- 631.4(471.66)—Magadan Province
Bavlov, V. I. - Aspects of the content of iron in the frozen-tail soils of Magadan Province. *Dokl. TSKHA* no. 124:73-77 '67.
- Bavlov, V. I. - Diffusion action of the frozen-tail and sandy old flood plain soils of Magadan Province. *Dokl. TSKHA* no. 124:79-83 '67.
- 631.4(471.83)—Kazakh S.S.R.
Mironov, R. A., Chelobitina, M. I., Karavayev, E. R. - Participation of soil microflora in decomposing alfalfa soil. *Izv. AN Kazakh SSR Ser. Biol.* 6 no. 5:43-47 '67.
- Mironov, R. A., Chelobitina, M. I. - Genesis features of Solonchak-type soils of the Pavlovsk portion of the Irtysh Valley. *Dokl. TSKHA* no. 124:11-11 '67.

631.4(574) (Continued)

- Parshina, M. M., Li, P. V. - Characteristics of the cycle of ash elements in the soils of the Northern Caspian Sea region. Dokl. TSKHA no. 124:157-161 '87.
- Parshina, M. M., Zolotareva, R. M. - Basic morphological and genetic features of the dark chestnut soils of the Kazakh steppe within the limits of Karaganda Province. Dokl. TSKHA no. 124:112-118 '87.
- Zolotareva, R. M. - Physico-geographical conditions of soil formation in the Kazakh steppe (within the limits of Karaganda Province). Dokl. TSKHA no. 124:108-112 '87.

631.4(575)—Central Asia

- Kasimov, V. T., Boshitskaya, E. N. - Ascarobol microflora of the vertical soil profile of the Trans-Ili Alatau (western Tien-Shan). Dokl. TSKHA no. 124:111-115 '87.

631.4(575.3)—Tajik S.S.R.

- Uldushev, A. I. - Washing the salt impregnated soils of the Vakhsh River Valley. Trudy Tadzh. nauch. inst. 10:106-112 '86.
- Uldushev, A. I. - Water-salt balance of a cotton field in the conditions of the arid zone ground waters of the Vakhsh River Valley: some data from lysimetric studies. Trudy Tadzh. nauch. inst. 10:98-105 '86.

631.8 Opium. Growing. Cultivation methods

- Aslanov, M. - Sowing seeds with soybeans with the use of a special device on the tractor sower. Izv. Khb. SKHI 20:170-173 '87.
- Bardakova, A. P. - Every school should have its own nursery. Izv. Vor. gos. ped. inst. 90:14-18 '87.
- Bekasov, M. A., and others. - Study of the hydroponic method of cotton growing. Trudy Sotuz NIKH no. 13: 61-104 '87.
- Chernikov, V. - Effect of the method of sowing on the yield of seed of fodder beans. Izv. Khb. SKHI 20:179-182 '87.
- Khali, B. A. - Microclimate of a cotton field treated with desiccants. Trudy Sotuz NIKH no. 13:128-130 '87.
- Krasov, V. - After-harvest sowings of extra under irrigation conditions. Izv. Khb. SKHI 20:73-74 '87.
- Parinov, V. R. - Some results of radiation and temperature measurements in hotbeds with water coverings. Trudy Tadzh. nauch. inst. 10:95-104 '86.
- Podolskaya, T. R., Krotova, A. P. - Effectiveness of under-sowing red clover on and applying mineral fertilizers to seeded perennial grasses at the experimental field of the Department of Meadow Culture. Zap. LSKH 104 no. 3:20-24 '87.
- Qasimov, F. G., Kozminskiy, A. F. - Evacuation of seed and plant distribution in a row with single grain planting. Zap. LSKH 106:140-148 '86.
- Qasimov, F. G., Tatalov, P. M. - Agrotechnical study of single seed sowing in field conditions during fodder root crop sowing. Zap. LSKH 104:151-154 '86.
- Qasimov, D. B. - Soil sowing of single seed sowing crops. Dokl. zap. Mord. gos. un. no. 63:12-15 '87.
- Karpi, V. - Effect of the processing of crops on the yield and quality of spring wheat. Izv. Khb. SKHI 20:183-187 '87.
- Kozminskiy, A. F. - Experimental checking of the evenness of the distribution of seeds and plants in a row with single seed planting. Zap. LSKH 106:147-150 '86.
- Lipov, I. U., and others. - Investigation and study of devices for the mechanization of the processes of plant growing by the hydroponic method. Trudy VNIKH 104 no. 64:13-470 '87.
- Lar'v, A. B., Bergov, V. I. - Immobilization of movement of a cultivator and its tillage of row-crop plantings. Zap. LSKH 104:137-142 '86.
- Lytov, A. M. - Some data on the properties of a soil solution in long term usage of fertilizers, crop rotation and single crop systems. Dokl. TSKHA no. 124: 129-146 '87.
- Madalinskaya, I. - Effectiveness of potassium fertilizers in crop rotations. Trudy Sotuz NIKH no. 13:47-50 '87.
- Mal'kov, V. A., Shchegolev, N. S. - Chemical weeding of cornfields. Izv. Khb. SKHI 20:34-36 '87.
- Mal'kov, G. F. - Changes in photosynthetic carbon metabolism following translocation of plants of the family Solanaceae. Dokl. zap. Mord. gos. un. no. 63:94-94 '87.
- Peterburgskiy, A. V. - Aspects of balance nitrogen in agriculture. Dokl. TSKHA no. 124:101-106 '87.
- Pliginsk, D. S., Boshakov, D. S. - Experiences in the cultivation of sugar beets with the use of directing furrows. Dokl. zap. Mord. gos. un. no. 63:12-15 '87.
- [Plant culture] Raf. zhur. (Raf. Predmestnyy otkazatel' in '87).
- Polevskiy, K. K. - Development of a photoelectric method of square-root sowing, and test results of an experimental sower. Zap. LSKH 106:174-179 '86.
- Prishchep, L. G. - Electrification of shellerod ground. Nauch. trudy VNIKH 20:344-357 '87.
- Rapra, L. M., Burlov, D. I. - Depth and means of soil tillage under winter cultures in the year of their sowing. Izv. Khb. SKHI 20:94-92 '87.
- Solov'ev, V. G. - Electrification of the mobile processes in field cropping. Nauch. trudy VNIKH 20:301-300 '87.
- Yar-Karapetian, M. A., and others. - Chemistry of the seedling fermentation of green pea mass. Biol. zhur. Arm. 31 no. 5:13-15 My '88.
- Titov, A. A., Molodtsov, S. R. - "Permanent" windbreak strips in the Akkai field. Izv. Khb. SKHI 20: 90-93 '87.
- Yul'evskiy, I. U. D., Gusev, V. I. - Effect of the raising conditions of the parent plant on the harvest qualities of the seed. Izv. Khb. SKHI 20:191-198 '87.
- Yul'evskiy, I. U., Avramenko, R. V. - Effect of legumes on the yield of wintering and subsequent cultures. Izv. Khb. SKHI 20:90-93 '87.

- Vynokovskiy, P. F., Domaratkii, P. I., Tabachuk, B. I. - Agrotechnical evaluation of the work of cultivator sweeps during interrow cultivation of row crops. Zap. LSKH 104:174-179 '86.
- Zakirov, T. S., and others. - Results of experiments in small-volume aerial spraying in cotton plant defoliation. Trudy Sotuz NIKH no. 13:121-124 '87.

631.8(575.3)—Tajik S.S.R.

- Uldushev, A. I. - Washing the salt impregnated soils of the Vakhsh River Valley. Trudy Tadzh. nauch. inst. 10:106-112 '86.

631.82 Selection. Breeding. Acclimatization

- Bandukova, V. P. - Disturbances in the embryogenesis resulting from remote interspecific hybridization of *Nicotiana glauca* L. M. resins L. Bot. zhur. 83 no. 5:633-635 My '88.
- Matveichuk, T. - Ways of overcoming the sterility of heterochromosomal cotton hybrids. Uzb. biol. zhur. 13 no. 4:63-69 '82.
- Qasimov, D. B., Leont'eva, I. U. A. - Effect of the soil on virus diseases and yield of potatoes. Izv. Khb. SKHI 20:110-116 '87.
- Khod'kov, L. N. - Characteristics of new avian varieties of barley. Vest. LGU no. 31:87-90 N '88.
- Mal'kovskiy, A. I., Shchegolev, N. S. - Parent material for the selection of winter wheat. Izv. Khb. SKHI 20: 20-23 '87.
- Vigorov, L. I. - Physiological and biochemical principles of plant acclimatization. Trudy Inst. ekol. rast. i shivots. no. 54:7-12 '87.

631.82(575.3)—Ural regions

- Kozlovskiy, M. A., Shchegolev, V. I. - Remote hybridization as a method of the acclimatization of woody plants in the Central Urals. Trudy Inst. ekol. rast. i shivots. no. 54:21-24 '87.
- Krasovskiy, P. M. - Experimental introduction of trees and shrubs on Solonchaks of the Trossk steppe. Trudy Inst. ekol. rast. i shivots. no. 54:243-248 '87.
- Matveev, S. A. - Climatic resources of the Urals in relation to plant acclimatization problems. Trudy Inst. ekol. rast. i shivots. no. 54:18-24 '87.
- Matveev, S. A., Aisenson, V. M. - Introduction of conifers of the genus *Pinus* in the Urals. Trudy Inst. ekol. rast. i shivots. no. 54:127-130 '87.
- Matveev, S. A., Legasovskiy, M. A., Pankovskiy, I. P. - Basic results of the introduction of woody plants in the Urals. Trudy Inst. ekol. rast. i shivots. no. 54:27-42 '87.
- Pankovskiy, I. P. - Increase in frost resistance as result of acclimatization. Trudy Inst. ekol. rast. i shivots. no. 54:87-91 '87.
- Vigorov, L. I. - Characteristics of the acclimatization of various woody species and their wild relatives in the Central Urals. Trudy Inst. ekol. rast. i shivots. no. 54: 101-108 '87.

631.82(575.3)—Bashkir A.S.S.R.

- Kozlovskiy, I. U. F. - Experimental dog rose breeding in Bashkiria. Trudy Inst. ekol. rast. i shivots. no. 54: 136-147 '87.
- Krasovskiy, O. A. - Introduction and utilization for landscape gardening of *Bergenia crassifolia* in the city of Ufa. Trudy Inst. ekol. rast. i shivots. no. 54:108-113 '87.
- Kocherov, M. V., Khokhlova, D. K., Odranova, I. B. - Introduction and acclimatization of medicinal plants in the Bashkir A.S.S.R. Trudy Inst. ekol. rast. i shivots. no. 54:14-22 '87.
- Kaltava, E. D. - Acclimatization of some wild ornamental grasses of Siberia and the Far West in the Botanical Garden of the Institute of Plant and Animal Ecology of the Ural Branch of the Academy of Sciences of the U.S.S.R. Trudy Inst. ekol. rast. i shivots. no. 54:181-185 '87.

631.82(575.3)—Sverdlovsk Province

- Minkasovskiy, V. E. - Gas resistance of local and introduced woody plants in Sverdlovsk Province. Trudy Inst. ekol. rast. i shivots. no. 54:88-90 '87.
- Timokhin, L. A. - Introduction of *Populus alba* pyramidalis in Sverdlovsk Province. Trudy Inst. ekol. rast. i shivots. no. 54:143-148 '87.

631.82(575.3)—White Russian S.S.R.

- Kudakov, M. A. - Lethal and critical dosage of gamma rays for some woody plants introduced in White Russia. Trudy Inst. ekol. rast. i shivots. no. 54:111-113 '87.

631.82(575.3)—Aral Sea S.S.R.

- Protopopov, M. M. - Increase in winter hardiness of introduced woody plants in Central Siberia. Trudy Inst. ekol. rast. i shivots. no. 54:73-78 '87.

631.82(574)—Kazakh S.S.R.

- Podolskaya, M. I. - Some results of experiments with high grade poplars in the northern part of Kazakhstan. Trudy KazakhSKH 6:280-313 '87.
- Korovin, Zh. M. - Scientific and practical significance of the introduction and acclimatization of fruit and berry plants in the Karaganda Industrial Region. Trudy Inst. ekol. rast. i shivots. no. 54:178-184 '87.

631.821 Seed and sowing

- Balbay, E. A. - Determination of the parameters of seed movement toward the bottom of the furrow during sowing of furrow crops. Trudy VNIKH 104 no. 64:108-117 '87.

631.822 Seed engineering

631.822(575.1)—Uzbek S.S.R.

- Balbay, E. A. - Capital investments and increasing the water supply to the irrigated lands. Khon. sa'khon. 44 no. 12:85-88 '88.

631.8(575.4)—Turkmen S.S.R.

- Pariev, M. - The house was built in the Kara Kumak. Sov. profsoyuz 24 no. 17:18 5 '88.

631.8 Fertilizers. Manuring

- Alekseyevich, Kh. M., Bagaeva, M. P., Pavlovskiy, M. M. - Effect of preliminary acclimatization of aliphatic amines on flotation separation of potassium salts. Vest. AN BSSR, Ser. khim. nauch. no. 3:97-103 '88.
- Bagaeva, M. P., Kalimullina, Kh. K. - Effect of different doses of complete mineral fertilizers on the sensitivity of the cotton to potassium. Dokl. TSKHA no. 124:161-167 '87.
- Bergman, A. G., Velikova, L. V. - The system potassium carbonate-diammonium phosphate-water. Zhur. sa'khon. 13 no. 3:537-541 F '88.
- Borshchov, V. V. - Effect of fertilizers on the intensity of photosynthesis and transpiration in single year seedlings of birch. Trudy KazakhSKH 6:161-164 '87.
- Chabotina, M. I. - Nature of desiccative action of extracts from the plant litter. Trudy Inst. ekol. rast. i shivots. no. 54:12-20 '88.
- Fedorov, L. A., Gusev, I. S. - Preparation and application of mineral fertilizer mixtures. Trudy Inst. ekol. rast. i shivots. no. 54:27-31 '88.
- Gaimin, P. M., Markovskiy, A. G. - Effect of fertilizers on the yield of spring wheat. Izv. Khb. SKHI 20:128-131 '87.
- Godolovskiy, T. R., Krotova, A. P. - Effectiveness of under-sowing red clover on and applying mineral fertilizers to seeded perennial grasses at the experimental field of the Department of Meadow Culture. Zap. LSKH 104 no. 3:20-24 '87.
- Gusev, M. M., Aronova, I. M. - Interrelationship of nitrogen and phosphorus nutrition in leguminous plants. Dokl. TSKHA no. 124:133-138 '87.
- Iarovskiy, G. I., Kir, I. M. - Effect of mineralizing and retarding doses of fertilizer and insecticide mixtures on the metabolism and yield of the cotton plant. Trudy Sotuz NIKH no. 13:81-85 '87.
- Iarovskiy, G. I., Umarov, A. A., Kir, I. M. - Effect of MFP and urea in combination with insecticides on the metabolism and yield of cotton in meadow soils. Trudy Sotuz NIKH no. 13:76-88 '87.
- Ivanov, M. P. - Effect of organic fertilizers on potassium uptake in plants. Vest. AN BSSR, Ser. khim. nauch. no. 4: 21-24 '88.
- Imailova, M. A. - Effect of ammonium sulfate, prepared from the wastes from the Novokrylginsk Petrochemical Processing Plant, on the soil microflora. Izv. Khb. SKHI 20:174-176 '87.
- Kaplan, S. A., Iarovskiy, G. I., Umarov, A. A. - Effect of the form of nitrogenous fertilizers on the biological activity and microbiological processes of meadow and forest soils. Trudy Sotuz NIKH no. 13:16-20 '87.
- Korovin, A. I., and others. - Effect of rhizosphere temperature on the absorption of mineral substances by plants. Dokl. AN BSSR 183 no. 1:287-290 '88.
- Lagim, A. I. - Effect of fertilizers on Siberian larch seedlings. Trudy KazakhSKH 6:148-154 '87.
- Lepikov, L. P. - Supplying nitrogen to plants on seeded hayfields and pastures in Leningrad Province. Zap. LSKH 104 no. 3:25-33 '87.
- Lytov, A. M. - Some data on the properties of a soil solution in long term usage of fertilizers, crop rotation and single crop systems. Dokl. TSKHA no. 124:129-146 '87.
- Madalinskaya, I. - Effectiveness of potassium fertilizers in crop rotations. Trudy Sotuz NIKH no. 13:47-50 '87.
- Mal'kov, G. F., Syroev, I. P. - Effect of the level of nitrogen, phosphorus, and potassium nutrition on the effectiveness of boron and molybdenum. Dokl. TSKHA no. 124:107-113 '87.
- Markovskiy, M. I., Markovskiy, A. G. - Effect of fertilizers on the yield of millet. Izv. Khb. SKHI 20:138-140 '87.
- Mikolayev, T. M. - Effect of mineral fertilizers on the yield of low-producing pastures in Pskov Province. Zap. LSKH 106 no. 3:73-81 '87.
- Peterburgskiy, A. V. - Aspects of nitrogen balance in agriculture. Dokl. TSKHA no. 124:101-106 '87.
- Petrov, M. G., Markovskiy, A. G. - Fertilizers as a factor in the increase of leaf area and yield of corn. Izv. Khb. SKHI 20:141-144 '87.
- Polimbelova, F. A., and others. - Effect of chlorocholine chloride (preparation TUN) on winter wheat. Vest. AN KazakhSKH, Ser. biol. 8 no. 5:88-91 8-O '88.
- Prokhorov, S., Shchegolev, I. U. - Effect of Kamfir phosphorus meal and Spharal powdered superphosphate on the yield of agricultural crops. Izv. Khb. SKHI 20:148-149 '87.
- Prokhorov, P. V. - Raising the effectiveness of fertilizers in cotton growing. Trudy Sotuz NIKH no. 13:2-18 '87.
- Rashchukova, M. V., Ildia, F. A. - Effectiveness of the use of open hearth furnace slags in combination with whole mineral fertilizers. Dokl. TSKHA no. 124:113-118 '87.
- Shchegolev, T. - Effect of the pre-sowing application of granulated superphosphate and phosphobacterin on the yield and quality of hard spring wheat. Izv. Khb. SKHI 20:158-163 '87.
- Shchegolev, T. - Effect of nitrogen on the yield and nitrogen nutrition of leguminous crops. Izv. Khb. SKHI 20:164-171 '87.
- Sergeeva, G. - Effect of trace elements on the growth, development, and yield of corn. Izv. Khb. SKHI 20: 164-167 '87.
- Shchegolev, T. - Effect of the correlation of sodium and potassium on the development of plants depending on the sodium composition of the medium. Dokl. TSKHA no. 124: 137-138 '87.
- Shchegolev, R. - Effect of fertilizers on the photosynthetic activity of corn. Izv. Khb. SKHI 20:163-168 '87.
- [Soil science and agrochemistry] Raf. zhur. (Pochv. i agrokhim. no. 10 O '88).

631.8 (Continued)

- Shraganova, M. A., Potarov, V. V. - Effect of gibberella on axon content in corn monocultiv. *Bot. zhurn.* 53 no. 5:610-614 May '68.
- Tikhomirova, I. A. - Effect of the dosage and time of nitrogen fertilizer application on the productivity of pastures at the "Chernozhny" sovchoz in Leningrad Province. *Zap. Leningr. univ.* no. 3:43-48 '67.
- Trifanov, A. - Rational dosage of nitrogenous fertilizers on spring crops. *Izv. Khab. SKKH* 20:120-123 '67.
- Zalutskiy, N. V., Khodolov, P. U. - Effectiveness of liquid and solid complex fertilizers in cotton growing. *Trudy Solus NKH* no. 13:38-46 '67.

631.8(576.1)—Uzbek S. S. R.

- Karimova, N. L., Khannayev, T. R. - Effectiveness of applications of phosphorus fertilizers to cotton plants in the meadow soils of Bukhara Province. *Trudy Solus NKH* no. 13:30-31 '67.

631.8 Agricultural entomology, ecology, etc.

- Dobrynia, O. M. - Experiments in the study of the roots of the tall rye grass plant grown in different soil and climatic conditions. *Zap. Leningr. univ.* no. 3:4-8 '67.

632 Crop damage and protection

- Antonyuk, M. V. - Effect of young windbreak tree belts on snow distribution. *Trudy Karkh. SKKH* 9:245-251 '67.
- Doditskiy, M. V., Burrov, D. I. - Effectiveness of the combination of agrochemical and chemical means of weed control in sowings of spring grain crops. *Izv. Khab. SKKH* 20:92-97 '67.
- Gerasimov, S. B., Lashchova, I. A. - Effect of the sort on virus diseases and yield of potatoes. *Izv. Khab. SKKH* 20:110-116 '67.
- Solov'ev, A. M. - Testing the action of biopreparations from *Trichoderma* fungi in the control of root fungus. *Trudy Karkh. SKKH* 9:328-337 '67.

632(471.43)—Krytyashov Province

- Bogushev, A., Lashchova, I. A. - Distribution of and damage by winter wheat mosaic in Krytyashov Province. *Izv. Khab. SKKH* 20:123-127 '67.

632(476)—White Russian S. S. R.

- Fedorov, M. L., Kuznetsov, E. S. - Change in pine phenology in an area affected by root fungus. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:43-47 '68.

632(477)—Ukraine S. S. R.

- Fishakov, A. V. - Development of necrotic forms of wood plants in the steppe of the Ukraine. *Bot. zhurn.* 53 no. 5:612-613 May '68.

632(574)—Kazakh S. S. R.

- Kalinichuk, O. T. - Aspects of the agroecology of growing windbreak tree belts in Northern Kazakhstan. *Trudy Karkh. SKKH* 9:273-277 '67.
- Makarov, I. A. - Biology of nutrition and the harmfulness of the great pine weevil (*Hyloterpes abietis* L.) in the pine forests of the Kazakh steppe. *Trudy Karkh. SKKH* 9:308-316 '67.
- Makarevich, L. A. - Experiments in the aerial chemical control of the pine looper in the Borov. Forest Tract in Kolkhar Province. *Trudy Karkh. SKKH* 9:321-324 '67.

632.8 Injurious plants

632.8(576.1)—Uzbek S. S. R.

- Zakirov, P. K., Shermatov, T. M. - Weeds of some microzones of Kysil Kumi. *Uzb. biol. zhurn.* 13 no. 4:44-46.

632.9 Crop protection. Pest control

- Bagirov, G. A. - Times for aerodusting in the control of larvae of mosquitoes of the genus *Aedes* in the Kara-Arva Lowland of Azerbaijan. *Trudy Azerb. nauch.-issled. inst. med. paraz. i trop. med.* 9:118-123 '68.
- Borotko, A. L. - Damage of fir trees by insects depending on the age in cutting areas. *Shor. rab. MLTI* no. 15:87-89 '67.
- Mozolevskaya, E. G., Tudor, I. - Effect of *Botanococcus scopae* Gloos on the condition and movement of plantings. *Shor. rab. MLTI* no. 15:14-16 '67.
- Melamed, M. O., Chikvashvili, D. V. - Comparative toxicity of new fungicides in relation to the phytopathogenic fungi of citrus plants. *Shor. rab. MLTI* no. 15:173-176 '68.
- Temporarily bactericide for the use of mosquitoes (first melaphoe) for the extermination of insects (flies, bugs, fleas). *Trudy TSNM* no. 18 pt. 2:86-88 '67.
- Vashkov, V. I., and others. - Use of methylenephos in public pediculosis; preliminary report. *Trudy TSNM* no. 18 pt. 3:177-181 '67.
- Vashkov, V. I. - Modern media and methods of control of *Arthropoda*. *Trudy TSNM* no. 18 pt. 2:12-13 '67.

632.9(471.4)—Central and Lower Volga regions

- Smolod, I. I., Gerasimov, B. A. - Some aspects of the distribution of grass beetles in the Central Volga Valley. *Izv. Khab. SKKH* 20:117-123 '67.

632.95 Pesticides and control chemicals

- Alakina, S. M., Ozerovskiy, V. I. - Regulator in the surface tension of aqueous solutions of some toxic chemicals and herbicides. *Dokl. TSKHA* no. 124:131-136 '67.

- Alina, I. A. - Effect of pesticide derivatives of carbamate acid on the metabolic metabolism in the liver and spleen of rats. *Biol. zhurn. med.* 64 no. 10:46-48 '68.

- Bagirov, V. R., Kalinichuk, O. T. - Effect of different doses of complete mineral fertilizers on the sensitivity of the carrot to propolis. *Dokl. TSKHA* no. 124:183-187 '67.
- Bagirova, R. A. - Insecticidal properties of acetic acid of Soviet production in relation to insects found in human environments. *Trudy TSNM* no. 18 pt. 3:121-123 '67.
- Dokidze, G. V. - Biological insecticide antichloris-3 and its test results against two species of leaf rollers. *Shor. rab. MLTI* no. 15:182-184 '67.
- Drozdova, V. P., and others. - Repellent activity of acetyl derivatives of 1,2,3,4-tetrahydroquinoline and 1,2,3,4-dihydroquinoline. *Trudy TSNM* no. 18 pt. 3:217-220 '67.
- Drozdova, V. P., and others. - Synthesis and study of the repellent activity of diethyl amines of fatty acids. *Trudy TSNM* no. 18 pt. 3:21-23 '67.
- Dudakov, A. A., Kharin, A. I. - Effectiveness of the treatment of premises with stable contact insecticides on the acaridiosis of the Greater Caucasus in the region of intensive silkworm breeding. *Trudy Azerb. nauch.-issled. inst. med. paraz. i trop. med.* 9:98-101 '68.
- Gonik, G. K., Shchegolev, M. S. - Use of delaps on sugar beet sowings. *Izv. Khab. SKKH* 20:98-100 '67.
- Gerasimov, O. G., Chikvashvili, D. V. - Method of analysis of organophosphorus insecticides (trichloro-2-methyl and carbophos) in aerosol cylinders and in the air. *Trudy TSNM* no. 18 pt. 3:21-24 '67.
- Gerasimov, O. G. - Effect of illumination on the absorption of carbophos, parathion and malathion by the sunflower. *Dokl. TSKHA* no. 124:151-153 '67.
- Gerasimov, O. G., Kharin, A. I. - Use of the petroleum growth substance ("MVP") in control of *Ancylostoma* larvae in the soil. *Report No. 3. Trudy Azerb. nauch.-issled. inst. med. paraz. i trop. med.* 9:43-45 '68.
- Gerasimov, O. G., Tseytlin, V. M., Kharin, A. I. - Use of the petroleum growth substance ("MVP") and the "green oil" in control of *Ancylostoma* larvae in the soil. *Report No. 1. Trudy Azerb. nauch.-issled. inst. med. paraz. i trop. med.* 9:40-43 '68.
- Karavayev, G. I., Kir, I. M. - Effect of stimulating and restricting dosages of fertilizer and insecticide mixtures on the metabolism and yield of the cotton plant. *Trudy Solus NKH* no. 13:82-84 '67.
- Katavina, V. I., and others. - Synthesis of diethyl toluamide by the catalytic method. *Trudy TSNM* no. 18 pt. 3:10-12 '67.
- Karabash, H. B., and others. - Insecticidal and acaricidal characteristics of lipophilic and its toxicity to animals. *Trudy TSNM* no. 18 pt. 3:25-27 '67.
- Karabash, H. B., Karimov, K. B., Makovskiy, V. N. - Experience in the simultaneous destruction of greater gerbil and their ectoparasites by means of aerosolization of the colony. *Trudy TSNM* no. 18 pt. 3:28-31 '67.
- Karabash, H. B., Tseytlin, V. M. - Toxicity of insecticidal sprays to bees and flies. *Trudy TSNM* no. 18 pt. 3:33-35 '67.
- Lashchova, I. A., and others. - Practical use of methylenephos and its chemical characteristics in a mixture with some organophosphates. *Trudy TSNM* no. 18 pt. 3:41-47 '67.
- Makarov, I. A., Shchegolev, M. S. - Chemical breeding of carabids. *Izv. Khab. SKKH* 20:94-98 '67.
- Makarov, I. A., and others. - Effect of some insecticides and their mixtures with carbophos on the pest of the corn of the honeyfly (*Chrysomelidae* L.) *Trudy TSNM* no. 18 pt. 3:90-94 '67.
- Makarov, I. A. - Comparative effect of carbophos and parathion and some insecticides of various groups of chemical compounds on the honeyfly *Chrysomelidae*. *Trudy TSNM* no. 18 pt. 3:84-88 '67.
- Mosin, V. I. - Early poison dressing of Scotch pine seeds with dry toxic chemicals. *Trudy Karkh. SKKH* 9:317-320 '67.
- Oskanov, A. A. - Effect of carbophos insecticide on bridge larvae. *Trudy TSNM* no. 18 pt. 3:17-19 '67.
- Oskanov, A. A. - Experiments in the use of carbophos insecticide for the control of flies. *Trudy TSNM* no. 18 pt. 3:13-17 '67.
- Pogodina, L. M., Brinkman, L. L., Kapanova, K. I. - Control of mosquitoes with the aid of potassium salt. *Trudy TSNM* no. 18 pt. 3:98-99 '67.
- Potashnikov, V. G., and others. - Use of lime salt in rat extermination measures. *Trudy TSNM* no. 18 pt. 3:38-43 '67.
- Rabinovich, M. V., and others. - Results of chemical application of diethyl toluamide in Tashkent Province. *Trudy TSNM* no. 18 pt. 3:45-48 '67.
- Schegolev, M. S. - Evaluation of the effectiveness of insect control. *Zool. zhurn.* 47 no. 2:123-128 Aug '68.
- Smolod, I. I., Gerasimov, B. A., Adzhiev, L. G. - Effect of phosphorus on the growth, development and chemical composition of citrus plants. *Shor. rab. MLTI* no. 15:27-29 '67.
- Smolod, I. I. - Aftereffects of sodium trichloroacetate on Kuzbass kinogazs for seed on the experimental field of the Department of Meadow Culture. *Zap. Leningr. univ.* no. 3:84-86 '67.
- Sokolov, M. M., and others. - Possible use of chlorophos A as a acaricide for the quality assessment of plantarop flies and increasing its effectiveness by adding food salt. *Trudy TSNM* no. 18 pt. 3:164-168 '67.
- Vashkov, V. I., and others. - Toxicity of methylenephos to warm-blooded animals. *Trudy TSNM* no. 18 pt. 3:21-23 '67.
- Vashkov, V. I., Smolod, I. I., Bogdanova, R. A. - Insecticidal characteristics of acetic acid in relation to insects found in human environments. *Trudy TSNM* no. 18 pt. 3:27-29 '67.

- Volkov, I. U., and others. - Study of pyrethrin and related compounds. Report No. 3. Ways of synthesis of ethylenediamine monocarbonyl acid. *Trudy TSNM* no. 18 pt. 3:10-16 '67.

- Volkova, A. P., Orin, N. B. - Some data on the toxicity of DDVP to warm-blooded animals. *Trudy TSNM* no. 18 pt. 3:18-21 '67.

- Vorontsov, A. I. - Criteria for designating chemical control of pests in deciduous plantings. *Shor. rab. MLTI* no. 15:20-22 '67.

- Zakirov, T. S., and others. - Results of experiments in small-volume aerial spraying in cotton plantations. *Trudy Solus NKH* no. 13:121-124 '67.

632.95(471.43)—Uzbek S. S. R.

- Vishniakov, S. V., and others. - Effectiveness of the spring forest rodent extermination in natural forest of hemlock (*Spruce*) with renal syndromes in the city of Ufa. *Trudy TSNM* no. 18 pt. 3:63-68 '67.

632.95(576.1)—Uzbek S. S. R.

- Babiyev, T. A. - Effectiveness of new organic phosphorus derivatives in Samarkand Province. *Trudy Solus NKH* no. 13:125-126 '67.

632.95(576.2)—Kazakhstan S. S. R.

- Vishniakov, S. V. - Possible causes of acanthosis plaques in mountain foci of Tyum'-Khan' and measures for its suppression. *Trudy TSNM* no. 18 pt. 3:68-69 '67.

633 Field crops. Injurious crops

- Oskanov, L. V., Turova, P. P., Vasil'eva, W. A. - Method of locating wheat embryos by using luminous mineral. *Pril. biokhim. i mikrobiol.* 4 no. 4:43-44 '68.
- 633.1 Cereals. Corn. Grain crops
- Doditskiy, M. V., Ivanov, V. V. - Study of the world collection of winter wheat. *Izv. Khab. SKKH* 20:48-51 '67.
- Devidov, I. U., Kharin, A. I. - Results of experiments in combined sowing of corn and leguminous cultures. *Izv. Khab. SKKH* 20:54-57 '67.
- Doditskiy, M. V., Burrov, D. I. - Effectiveness of the combination of agrochemical and chemical means of weed control in sowings of spring grain crops. *Izv. Khab. SKKH* 20:92-97 '67.
- Ivanov, V. V. - After-harvest sowings of corn under irrigation conditions. *Izv. Khab. SKKH* 20:73-74 '67.
- Chikvashvili, D. V., Markovskiy, A. G. - Effect of fertilizers on the yield of spring wheat. *Izv. Khab. SKKH* 20:120-121 '67.
- Chikvashvili, D. V., Markovskiy, A. G. - Study of the process of vitrification conveying of culture media. *Trudy VNIIS* no. 18:41-43 '68.
- Kargin, V. V. - Method of the pre-sowing crops on the yield and quality of spring wheat. *Izv. Khab. SKKH* 20:42-47 '67.
- Kashkov, K. D., Morozova, L. A. - Expediency of changing the methodology to determine the glassiness of wheat. *Russ. i kazh.* 33 no. 12:11-12 '68.
- Khodkov, I. M. - Characteristics of new varieties of winter wheat. *Vest. LGU* no. 3:67-68 '68.
- Kolobova, E. A. - Tetraploid rye. Report No. 1. Cytological research method. *Vest. LGU* no. 3:117-118 '68.
- Kolobova, E. A. - Characteristics of wheat bran radiation sterilization. *Trudy VNIIS* no. 18:41-43 '68.
- Kul'shova, V. A., Markovskiy, A. G. - Forecasting the wintering periods of corn by the rate of the surface force of the leaves. *Izv. Khab. SKKH* 20:122-126 '67.
- Makarov, I. A., Shchegolev, M. S. - Parent material for the selection of winter wheat. *Izv. Khab. SKKH* 20:82-83 '67.
- Makarevich, M. I., Markovskiy, A. G. - Effect of fertilizers on the yield of millet. *Izv. Khab. SKKH* 20:126-140 '67.
- Petrov, M. G., Markovskiy, A. G. - Fertilizers as a factor in the increase of leaf area and yield of corn. *Izv. Khab. SKKH* 20:141-144 '67.
- Rukhtadova, A. P., Litova, Z. A. - Colorimetric method of determining carboxylates in brass and the surface culture of mold fungi. *Trudy VNIIS* no. 18:69-72 '68.
- Rukhtadova, Z. A. - Effect of the pre-sowing application of granulated superphosphate and phosphobacterin on the yield and quality of hard spring wheat. *Izv. Khab. SKKH* 20:146-152 '67.
- Sergiyev, G. - Effect of trace elements on the growth, development, and yield of corn. *Izv. Khab. SKKH* 20:144-147 '67.
- Shchegolev, M. S., Pechkov, B. P. - Change in the activity of enzymes in ripening and germinating rye seeds. *Dokl. TSKHA* no. 124:186-190 '67.
- Shchegolev, M. S., Burrov, D. I. - Depth and season of soil tillage under winter cultures in the year of their sowing. *Izv. Khab. SKKH* 20:68-69 '67.
- Vashkov, V. I., and others. - Effect of the relative conditions of the parent plant on the harvest quantity of the seed. *Izv. Khab. SKKH* 20:101-106 '67.
- Tarbin, N. V., Dymov, L. A. - Possibility of automating in interspecific wheat crossbreeding. *Dokl. AN BSSR* 183 no. 1:241-247 '68.

633.1(471.43)—Krytyashov Province

- Machnev, A. M., Shchegolev, M. S. - Features of the raising of winter wheat on the left bank of the Volga River in Krytyashov Province. *Izv. Khab. SKKH* 20:41-47 '67.

633.1(471.5)—Ural regions
Vigort, L. I. - Characteristics of the acclimatization of various wheat ecotypes and their wild relatives in the Central Urals. *Trudy Inst. ekol. rast. i shivotn.* no. 54: 10-14 '87.

633.1 Foreign grasses and pastures
Dobrysh, G. M. - Experience in the study of the roots of the tall rye grass plant grown in different soil and climatic conditions. *Zap. LSKKH* 108 no. 2 8-9 '87.
Godevskaya, T. R., Kretova, A. P. - Effectiveness of undersowing red clover on and applying mineral fertilizers to seeded perennial grasses at the experimental field of the Department of Meadow Culture. *Zap. LSKKH* 108 no. 2 20-24 '87.
Godevskaya, T. R., Kretova, A. P. - Productivity and economic evaluation of fodder cutlures raised on the experimental field of the Department of Meadow Culture. *Zap. LSKKH* 108 no. 2 47-53 '87.
Kirshin, L. K. - Photosynthetic activity in perennial grasses. *Uch. zap. UrGU* no. 5:106-113 '87.
Martyukova, M. P. - Features of the phasic development of some perennial cereal grasses. *Zap. LSKKH* 108 no. 2 18-20 '87.
Ogorodov, V. M., Shchegolev, M. S. - Carotene content of sorghum leaves. *Izv. Khb. SKKH* 30:34-35 '87.
Klyayev, V. V. - Aftereffects of sodium trichloroacetate on Kentucky bluegrass sown for seed on the experimental field of the Department of Meadow Culture. *Zap. LSKKH* 108 no. 2 48-49 '87.
Klyayev, V. V. - Susceptibility of Kentucky bluegrass to predatory midges and the fruit fly depending on the sort and sowing time while growing it from seed on the experimental field of the Department of Meadow Culture. *Zap. LSKKH* 108 no. 2 76-77 '87.
Tikhonov, A. S., Molodtsov, S. R. - "Permanent" wind-break strips in the alfalfa field. *Izv. Khb. SKKH* 30: 66-67 '87.

633.2(438)—Poland
Mortovich, L. S. - Comparison of different means of using the grasses from cultivated pastures of the "Zeleny Gaj" state farm, Polish People's Republic. *Zap. LSKKH* 108 no. 2 63-65 '87.

633.2(471.23)—Leningrad Province
Kashkova, L. N. - Experience in the creation of cultivated pastures at the "Zhdanov" sovkhos, Lomonosov District, Leningrad Province. *Zap. LSKKH* 108 no. 2 87-88 '87.
Lepel'skaya, L. P. - Supplying nitrogen to plants on seeded hayfields and pastures in Leningrad Province. *Zap. LSKKH* 108 no. 2 23-25 '87.
Tikhonova, L. A. - Effect of the dosage and time of nitrogen fertilizer application on the productivity of pastures at the "Gomelovo" sovkhos in Leningrad Province. *Zap. LSKKH* 108 no. 2 53-54 '87.

633.2(471.25)—Pskov Province
Klimanova, T. M. - Effect of mineral fertilizers on the yield of low-producing pastures in Pskov Province. *Zap. LSKKH* 108 no. 2 73-74 '87.

633.2(619.3)—Mongolian People's Republic
Bumrugh, D. - Dynamics of yielding capacity of the association of fringed sagebrush shortgrass and feathergrass in the Mongolian People's Republic. *Zap. LSKKH* 108 no. 2 62-64 '87.

633.2(671.53)—Irkutsk Province
Dronov, L. P. - Dynamics of the dry mass yield of grass stands of the old-Bulgal region during the vegetative period. *Zap. LSKKH* 108 no. 2 44-45 '87.

633.2(674)—Kazakh S.S.R.
Sharapov, I. D., Martynov, A. I., Kise, M. L. - Results of field experiments with perennial grasses of Kyzyl-Ord Province. *Izv. AN Kazakh SSR, Ser. biol.* 8 no. 5:48-54 '86.

633.3 Leguminosae and other green fodder
Chernykh, V. - Effect of the method of sowing on the yield of seed of fodder beans. *Izv. Khb. SKKH* 30:179-183 '87.
Dudakov, I. U., Kuznetsov, V. - Results of experiments in combined sowing of corn and leguminous cultures. *Izv. Khb. SKKH* 30:54-57 '87.
Gidova, M. M., Aronova, L. M. - Interrelationship of nitrogen and phosphorus nutrition in leguminous plants. *Dokl. TSUKA* no. 124:133-136 '87.
Klimakov, I. - Effect of beet pulp moisture on the weight increase of young stock. *Miss. ind. SSSR* 20 no. 12: 36-38 '86.
Klimova, Y. - Effect of nitrogen on the yield and nitrogen nutrition of leguminous crops. *Izv. Khb. SKKH* 30:164-171 '87.
Molodtsov, V. K., Markovskaya, L. L., Agadshyan, K. G. - Respiratory activity of bean tubercles. *Dokl. TSUKA* no. 124:191-198 '87.
Pavlovskaya, M., Aronovskaya, R. V. - Effect of legumes on the yield of wintering and subsoil cultures. *Izv. Khb. SKKH* 30:80-83 '87.

633.4 Root and tuber as field crops
Bogorova, S. R. - Method of evaluating the usage of mineral fertilizers on potatoes. *Dokl. TSUKA* no. 124: 199-178 '87.
Gerasimov, S. B., Lashchova, I. A. - Effect of the sort on virus diseases and yield of potatoes. *Izv. Khb. SKKH* 30:116-118 '87.
Gerasimov, S. B., Tatarsky, P. M. - Agrotechnical study of single seed sowing in field conditions during fodder root crop sowing. *Zap. LSKKH* 108:161-165 '86.

Orlov, N. M., Golovinskiy, V. P. - Study of the work of a beet sower. *Uch. zap. Mord. gos. un.* no. 25:2-8 '87.
Pillipko, D. S., and others. - Tests of beet harvesting combines with preliminary root top cutting. *Uch. zap. Mord. gos. un.* no. 23:28-33 '87.
Pillipko, D. S., Demasov, D. S. - Experience in the cultivation of sugar beets with the use of directing furrows. *Uch. zap. Mord. gos. un.* no. 23:10-13 '87.
Yeliseyev, S. P., Semenov, M. G. - Some results of a study of isolated potato mitochondria. *Dokl. TSUKA* no. 124:197-203 '87.
Vecher, A. S., Vasil'yevich, V. K., Rashchitsky, U. M. - Isolation of polyphenoloxidase enzymes from potato tubers and the study of its composition. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:53-57 '86.

633.5 Fiber plants and crops
Akhmedov, S. A., Gerdanov, A. I., Polianskiy, O. F. - Effect of antibiotics on soluble cotton carbohydrates. *Uch. biol. zap.* 12 no. 4:49-52.
Belokobov, M. A., and others. - Study of the hydroponic method of cotton growing. *Trudy Soz. MKN* no. 12 83-106 '87.
Belokobov, M. A. - Effect of the acclimation and concentration of nutritive substances in a solution on the metabolism and water balance in the cotton plant. *Trudy Soz. MKN* no. 13:107-113 '87.
Belokobov, M. A., Isayev, B. M. - Physiology of the wither in cotton plant. *Trudy Soz. MKN* no. 13:114-123 '87.
Khalil, B. A. - Microclimate of a cotton field treated with desiccants. *Trudy Soz. MKN* no. 13:124-130 '87.
Kabanikhovskiy, T. - Ways of overcoming the sterility of heterochromosomal cotton hybrids. *Uch. biol. zap.* 12 no. 4:53-58 '87.
Izraelov, G. I., Kir, I. M. - Effect of stimulating and retarding dosages of fertilizer and insecticide mixtures on the metabolism and yield of the cotton plant. *Trudy Soz. MKN* no. 13:51-71 '87.
Izraelov, G. I., Umarov, A. A., Kir, I. M. - Effect of MFO and wax in combination with antiseptics on the metabolism and yield of cotton in meadow soils. *Trudy Soz. MKN* no. 13:72-81 '87.
Kosolov, A. L. - Effect of leaf age and desiccation on nucleic acid metabolism in absorption layer tissue cells of a cotton leaf. *Uch. biol. zap.* 12 no. 4:119-123 '86.
Khalilov, I. M. - Method of separating and determining small quantities of amino acids from the cotton plant by paper chromatography. *Trudy Tadzh. nauch. inst.* 19:111-126 '86.
Kudachinskaya, R. Kh., Pashchikov, S. - Study of heterochromosomal cotton hybrids of redcolor 328 and Marinka lines. *Uch. biol. zap.* 12 no. 4:57-58 '88.
Mugel'skiy, A. S. - The MKR-2, 4 cotton picking machine "Uzbekistan". *Trakt. i sel'khoz. mash.* no. 7:20-26 '86.
Oryshko, V. A. - Construction of a fax picking machine with a semi-binding device. *Trakt. i sel'khoz. mash.* no. 7:27-31 '86.
Mirzakhonov, T., Ilyushechikov, M. - Characteristics of nitrogen nutrition of cotton during the first year after sowing alfalfa field. *Uch. biol. zap.* 12 no. 4:81-83 '86.
Prokhorov, P. V. - Raising the effectiveness of fertilizers in cotton growing. *Trudy Soz. MKN* no. 12:3-18 '87.
Miroslav, M. M. - Future of the overall mechanization of fiber fax harvesting. *Trakt. i sel'khoz. mash.* no. 7: 20-23 '86.
Kalestov, M. M., Kizdomatov, P. U. - Effectiveness of liquid and solid complex fertilizers in cotton growing. *Trudy Soz. MKN* no. 12:34-48 '87.

633.5(476)—White Russian S.S.R.
Valyashko, A. P., Iles, A. P. - Effect of herbicides on the morphogenesis and productivity of fiber fax varieties. *Vestn. AN BSSR, Ser. Biol. nat.* no. 4:35-41 '86.

633.5(678.1)—Uzbek S.S.R.
Kerimova, M. L., Khattimov, T. R. - Effectiveness of applications of phosphorus fertilizers to cotton plants in the meadow soils of Bakhra Province. *Trudy Soz. MKN* no. 13:50-57 '87.

633.5(678.3)—Tajik S.S.R.
Matsenko, S. A. - Some problems in the postwar development of cotton growing in Tajikistan, 1948-1958. *Izv. Otd. obshchestv. nauk. AN Tadzh. SSR* no. 1:48-47 '86.

633.6 Sugar and starch yielding crops
Gond, G. K., Shchegolev, M. S. - Use of dilapso on sugar beet sowings. *Izv. Khb. SKKH* 30:98-109 '87.
Chirakov, L. V., Sorokina, K. A., Khrapov, K. I. - Methods for planting sugar beet mother roots. *Trakt. i sel'khoz. mash.* no. 7:42-44 '86.
Shtil, B. - Comparative yields of single and multiple seed sugar beets. *Izv. Khb. SKKH* 30:68-71 '87.

633.6(471.43)—Krytyayev Province
Murtazayev, M. S., Yashchikov, P. S. - Economic effectiveness of concentrating the production of industrial sugar beets in Krytyayev Province. *Izv. Khb. SKKH* 30:20-23 '87.

633.6 Vinous crops for industrial processing
Bibova, K. F., Komarova, M. N. - Pharmacopoeiotic study of *Hippocrene erectum* L. *Trudy Len. khim.-farm. inst.* 19:133-134 '86.
Borisova, M. A. - Utilization of the resources of raw materials of medicinal plants. *Trudy Len. khim.-farm. inst.* 19:13-14 '86.

Deniliseva, M. F. - Anatomical study of *Draconcephalus nodulosus* Rapp. Report No. 1. *Trudy Len. khim.-farm. inst.* 19:67-73 '86.
Gusakov, A. F., Selenskiy, L. V., Grishin, M. K. - Comparative morphoanatomical studies of *Astragalus dasyanthus* Pall. *Trudy Len. khim.-farm. inst.* 19:87-91 '86.
Oskina, K. P. - Comparative morphological studies of *Nymphopseus caudata* J. et C. Presl. and *Nymphopseus* (L.) Smith. *Trudy Len. khim.-farm. inst.* 19:63-68 '86.
Grishin, M. K., L. V. - *Panax pseudo-ginseng* Wall., a valuable medicinal plant of oriental medicine. *Trudy Len. khim.-farm. inst.* 19:108-109 '86.
Lakotsev, G. P. - Short anatomical review of the vegetative parts of the genus *Siphora* L. *Trudy Len. khim.-farm. inst.* 19:118-120 '86.
Urison, A. I. A. - Anatomical structure of some species of *Lithospermum* L. *Trudy Len. khim.-farm. inst.* 19:107-118 '86.
Kanyukova, V. I., Butnik, A. A. - Formation of wormwood seed cover. *Uch. biol. zap.* 12 no. 4:31-34 '86.
Mukasey, V. A., Shchegolev, M. S. - Chemical breeding of sorghum. *Izv. Khb. SKKH* 30:34-36 '87.
Mordukovich, M. S., and others. - Technological study of squash varieties and new canned products manufactured from it. *Trudy MNIIPF* 9:178-181 '86.
Musaeva, L. D. - Contents of manganese and other minerals in plants of the Ericaceae species used in medicine. *Trudy Len. khim.-farm. inst.* 19:141-150 '86.
Selenskiy, L. V., Byroveshko, M. V. - Diagnostic anatomy of *Potentilla arguta* L. *Trudy Len. khim.-farm. inst.* 19:88-97 '86.
Stukal, K. L., Musaeva, L. D. - Color change in the leaves of the cranberry, *Vaccinium vitis-idaea* L. during the drying process. Report No. 1. *Trudy Len. khim.-farm. inst.* 19:157-160 '86.
Teva, V. G. - Biology of *Covallaria majalis* L. *Trudy Len. khim.-farm. inst.* 19:48-54 '86.

633.5(471.13)—Komi A.S.S.R.
Grom, L. I. - Information about medicinal plants used in folk medicine in the Komi A.S.S.R. *Trudy Len. khim.-farm. inst.* 19:199-214 '86.
Grom, L. I. - Materials on the geographical distribution of medicinal plants in the Komi A.S.S.R. *Trudy Len. khim.-farm. inst.* 19:171-177 '86.

633.5(471.333)—Bryansk Province
Volkovskiy, A. G. - Materials on the study of folk medicine in Bryansk Province. *Trudy Len. khim.-farm. inst.* 19:179-184 '86.

633.5(471.43)—Krytyayev Province
Mukasey, V. I., Shchegolev, M. S. - Raising coriander in Krytyayev Province. *Izv. Khb. SKKH* 30:32-36 '87.
Tikhonov, A. S., Shchegolev, M. S. - Raising oil fax in Krytyayev Province. *Izv. Khb. SKKH* 30:37-40 '87.

633.5(471.63)—Bashkir A.S.S.R.
Kocherov, M. V., Rakhova, D. K. - Primary introduction of oil and essential oil plants in Bashkiria. *Trudy Inst. ekol. rast. i shivotn.* no. 5:43-50 '87.
Popov, G. V., Smirnov, S. I. - Some bushy-bearing wild and introduced woody plants and grasses in Bashkiria. *Trudy Inst. ekol. rast. i shivotn.* no. 5:43-50 '87.

633.5(471.53)—Komi-Permyak National Area
Derzhina, F. I. - Medicinal plants and collected species used in folk medicine in the Komi-Permyak National Area. *Trudy Len. khim.-farm. inst.* 19:223-224 '86.

633.5(471.6)—Northern Caucasus
Mikhlin, I. K. - Materials on the pharmacognostic research of some species of the family Gentianaceae Dumort growing in the northwestern Caucasus. *Trudy Len. khim.-farm. inst.* 19:37-44 '86.

633.5(471.84)—Oblast Province
Bibova, K. F., Karyayev, V. B. - Medicinal plants of Tibetan medicine used in Transbaikalia. *Trudy Len. khim.-farm. inst.* 19:152-178 '86.

633.5(471.86)—Tajik A.S.S.R.
Tatarsky, I. A. - Materials on the geographical distribution of medicinal plants in the Tajik A.S.S.R. *Trudy Len. khim.-farm. inst.* 19:56-58 '86.

633.5(478.3)—Kirghiz S.S.R.
Mavredova, R. G., Muratova, Kh. S. - Determining the localization of alkaloids in *Thalictrum foenicula* L. (L.) by fluorescence microscopy. *Izv. AN Kazakh SSR, Ser. biol.* 8 no. 5:23-25 '86.

633.5(478)—Burm.
Kolesnikov, M. L. - Medicinal resources of the flora and national medicine of Burma, and prospects for their further study and use in scientific medicine. Report No. 1. *Trudy Len. khim.-farm. inst.* 19:241-243 '86.

634.6 Forestry
Antonov, M. V. - Effect of strong windbreak tree belts on snow distribution. *Trudy KazMILKH* 6:344-371 '87.
Artyukov, A. I., Gerasimov, I. M. - Automatic line with branched-out stream. *Les. prom.* 48 no. 6:11-13 '86.
Bath, I. V., Kostik, V. M. - Chain-type handle-separating saw unit. *Les. prom.* 48 no. 6:9 '86.

634.0 (Continued)

- Bokiyev, B.I., Vorob'ev, K.M. - Schemes for the creation of technological reserves of logs at lower landings. *Trudy SMILP* no. 3 87-90 '87.
- Borisev, G.A. - Effect of gibberellins on the growth and development of trees. *Trudy KazNIIKH* 6: 278-281 '87.
- Borodin, A.L. - Damage of fir trees by insects depending on the age in cutting areas. *Sbor. rab. MLTI* no. 15, 107-110 '87.
- Borodin, A.L. - Resistance of the spruce to damage by insects under conditions of concentrated cutting. *Sbor. rab. MLTI* no. 14, 123-124 '87.
- Borikova, V.V. - Effect of fertilizers on the intensity of photosynthesis and transpiration in single year seedlings of birch. *Trudy KazNIIKH* 6 131-144 '87.
- Cherevatova, A.S. - Biology of *Hypocossus rorella* Bb. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Djagubina, G.Y. and others. - Combined use of the XPS and "deviation" methods for studying the processes of structural decomposition of wood and its components. *Izv. AN Latv. SSR, Ser. khim.* no. 4, 487-501 '88.
- Djordic, P.E. - New ways in hydraulic systems of timber processing units. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Fedorov, A., Makharov, N. - Testing of TDT-55 (rotors with different power engines). *Les. prom.* 48 no. 9, 3-4 Ag '86.
- [Forestry and forest management] *Ref. zhur.* Leningrad. 1, 1987. no. 8-12 8-O '88.
- Gerasimov, V.K. - Determination of the efficiency of reinforced concrete slabs on automobile roads. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Gilov, V.V. - Foundation of the optimum distribution of enterprises. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Gorev, G.F. - PIA (slabs for timber transportation roads). *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Gur'yeva, T.M. - Bark beetles of the Northern fir. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Izrael'skiy, K.M. - Determination of the temperature balance as one of the reasons for destruction of oaks in the forest of leaf-eating pests. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Istov, V.E. - Differentiation in tree stand. Report No. 1. Vses. LGU no. 11, 89-93 N '88.
- [Izrael'skiy, A.P. - Voprosy (zadachi) zadaniy] on the 8th anniversary of his birth. *Trudy KazNIIKH* 6: 147-154 '87.
- Kabanov, M.L. - Effect of harvesting wastes on the intensity of a forest fire. *Trudy SMILP* no. 2, 187-187 '85.
- Kabanov, M.L. - Developmental characteristics of the pine moth in different types of forests. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Kolashnikov, B.P. - Genetic classification of forest types and some taxonomic problems of the improvement. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.
- Korotkova, E.A. - Changes on the weight of the crown in connection with changes in the evolutionary features of trees in a stand. *Dokl. TSKHA* no. 124, 283-283 '87.
- Korotkova, M.M. - Approximate method of determining the load-carrying ability of an oak sapling. *Trudy SMILP* no. 2, 187-187 '85.
- Krotova, M.O. - Common plan at the forestry experiment tract of the Timiryazev Agricultural Academy. *Dokl. TSKHA* no. 124, 283-283 '87.
- Kuznetsov, K.A. - Effect of innovation and underbidding on pine growth in a Holm forest. *Trudy DGS* no. 8, 145-157 '88.
- Kuznetsov, K.A. - Methods of determining annual tree accretion by trunk volume and theoretical analysis of possible errors. *Trudy DGS* no. 8, 145-157 '88.
- Lagutina, A.I. - Effect of fertilizers on Siberian larch seedlings. *Trudy KazNIIKH* 6: 146-146 '87.
- Lilshits, L. - An hereditary trait. *WTO* 10 no. 4, 14-14 N '88.
- Luria, M.A. - Ecological differences in close species of the subgenus *Carya*. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Makharov, N. - Fertility of the large pine weevil. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Mamnev, G.T. - Use of efficiency promotion funds. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Mariyev, G.G. - Decrease of insect populations under the influence of larva parasites. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Mel'nikov, V.V. - Forest clearing. *Berezh'ye* Pribaltika no. 1, 91 '88.
- Mel'nikov, V.V. - Early pollen disease of Scotch pine stands with dry toxic chemicals. *Trudy KazNIIKH* 6: 146-146 '87.
- Mondovskaya, E.G., Todor, I. - Effect of Metolachlor on the condition and improvement of plantings. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Moskalev, V.G. and others. - Biological status of seed-bearing timber species. *Dokl. TSKHA* no. 124, 283-283 '87.
- Moskalev, V.G., Bokiyev, B.M. - Volumetric method of determination of the weight of the leaf mass of a stand. *Dokl. TSKHA* no. 124, 283-283 '87.
- Moskalev, V.G., Ljapunov, B.M. - Models of future forests of the experimental and reconstruction forestry farm "Sudzhil' Loo". *Dokl. TSKHA* no. 124, 283-283 '87.
- Moskalev, M.D., Dzhuravina, T.F., Alder, B.R. - Growth of woody plant seedlings and dry substance accumulation by them in relation to soil moisture. *Vestnik AN BSSR, Ser. biol. nat. sci.* no. 4, 12-13 '88.
- Ochalskiy, V.M. - Choice of means of rearing logs and trees from a pile. *Trudy SMILP* no. 3, 87-90 '87.
- Perley, E.A. - Foreign patents for mobile tractor saws. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Shchegolev, P.A. - Method of derivation and form of European larch seeds on the quality of nursery stock. *Trudy KazNIIKH* 6: 146-146 '87.
- Romashov, E.E. - Quality of the timber production and economic features. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Romashov, E.E. - Diagnosis of root diseases in spruce forests. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Shchegolev, A.I. - Ways to improve the technology of stacking and loading round timber at the lower landings of harvesting establishments. *Trudy SMILP* no. 2, 187-187 '85.
- Shchegolev, A.S. - Possibility of using nuclear polyhedral viruses in the control of some forest insect pests. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- Shchegolev, M.T. - Results of biological control in young stands of pine and birch. *Trudy KazNIIKH* 6: 146-146 '87.
- Sokolov, S.I.A. - Forest types and forestry. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.
- Sokolov, S.I.A. - Testing the action of biopreparations from *Trichoderma* fungi in the control of root diseases. *Trudy KazNIIKH* 6: 146-146 '87.
- Usor, S.N. - Calculation of postharvest holding ponds for storage of the winter supply of timber in water. *Trudy SMILP* no. 3, 87-90 '87.
- Usor, S.N. - Study of the basic parameters of existing grapple cranes. *Trudy SMILP* no. 3, 87-90 '87.
- Volychev, V.G. - Descriptive study of hulls in oak at the forestry experiment tract of the Timiryazev Agricultural Academy. *Dokl. TSKHA* no. 124, 283-283 '87.
- Vorob'ev, D.V. - Classification and study methodology of the types of forests in mountain forest regions. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.
- Vorob'ev, K.M., Moskalev, G.V. - Log reserves at lower landings of forest roads. *Trudy SMILP* no. 3, 87-90 '87.
- Vorob'ev, A.I. - Criteria for designing chemical control of pests in deciduous plantings. *Sbor. rab. MLTI* no. 14, 85-87 '87.

634.0(470)—European U.S.S.R.

- Luria, M.A. - Phenology and settlement conditions of bark beetles of the spruce in the forest of the southern end of the Ural. *Sbor. rab. MLTI* no. 14, 85-87 '87.
- 634.0(471.1)—Volgograd Province
- Kalashnikov, M.L., Kabanov, K.A., Izrael'skiy, V.M. - State and development of young pine forests damaged by moose. *Trudy DGS* no. 8, 145-157 '88.
- Kabanov, K.A. - First results of testing different species varieties in the Darya Preserve. *Trudy DGS* no. 8, 145-157 '88.

634.0(471.2)—Kostanay A.S.S.R.

- Borisova, N. - Books serve as a school for forest workers. *Berezh'ye* Pribaltika no. 1, 91-91 D '88.

634.0(471.3)—Kazakhstan A.S.S.R.

- Makharov, M.O. - Economic effectiveness of the first method of selective logging. *Les. prom.* 48 no. 8, 14-18 Ag '85.
- Perley, M.A., Moskalev, G.K. - Results of the operational testing of the VTM-4 unit. *Les. prom.* 48 no. 8, 14-18 Ag '85.

634.0(471.31)—Moscow Province

- Tinokova, M.S. - Optimum distribution of tree species according to natural conditions on the Orskovo-Ezovo Forestry Farm. *Dokl. TSKHA* no. 124, 283-283 '87.

634.0(471.32)—Voronezh Province

- Kurik, I.K. - Urgent problems in connection with capital repairs. *Les. prom.* 48 no. 8, 14-18 Ag '85.

634.0(471.4)—Krasnodar Province

- Moskalev, M.O., Sokolov, V.M. - Lyda statistics Chart in the Krasnodar pine forest. *Sbor. rab. MLTI* no. 14, 85-87 '87.

634.0(471.41)—Pskov Province

- Zhukov, A. - Flooding of wood without losses. *Les. prom.* 48 no. 8, 14-18 Ag '85.

634.0(471.5)—Ural regions

- Ushakov, B.A. - Forests, the beauty of the Ural. *Berezh'ye* Pribaltika no. 1, 91-91 '88.

634.0(471.54)—Sverdlovsk Province

- Pashkovskiy, I.A. - Use of stratified ground for the construction of roads for automotive timber loading in Sverdlovsk Province. *Trudy SMILP* no. 3, 87-90 '87.

634.0(471.55)—Chelyabinsk Province

- Vitkov, M.M. - Experience in the compilation of a genetic classification of forest types of the Southern Ural. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

634.0(471.56)—White Russian S.S.R.

- Alakina, B.I. - Characteristics of the growth and development of pine seedlings under different soil conditions. *Vestnik AN BSSR, Ser. biol. nat. sci.* no. 4, 12-13 '88.
- Makharov, M.O. - Geobotanical characteristics of swampy birch forests. *Vestnik AN BSSR, Ser. biol. nat. sci.* no. 4, 12-13 '88.

634.0(471.57)—Ukrainian S.S.R.

- Zhukovskiy, I.M. - Types of forests in the Bivdovets Range of the Carpathian Mountains. *Dokl. TSKHA* no. 124, 283-283 '87.
- Kabanov, K.A. - Distribution of larvae in the Ukrainian Carpathians. *Dokl. TSKHA* no. 124, 283-283 '87.

634.0(471.58)—Transcarpathia

- Pashkovskiy, I.A. - Principles of classification of the forest types of the Ukrainian Carpathians. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

634.0(471.59)—Crimea

- Pashkovskiy, P.P. - Typological regularities in the mountain forests of the Crimea. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

634.0(471.6)—Caucasus and Transcaucasia

- Gur'yeva, T.M. - *Serpophis barbatulus* Schult. as destroyer of Northern fir timber. *Sbor. rab. MLTI* no. 14, 85-87 '87.

634.0(471.61)—Oorno-Alai Autonomous Province

- Chimirov, I.D. - Types of fir forests in the Rasky Alai Mountains. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

634.0(471.62)—Soviet Far East

- Gur'yeva, T.M. - Conference on forestry research in the Far East (Vladivostok, August 21-23, 1987). *Bol. zhur.* 82 no. 8, 14-18 Ag '85.
- Sokolov, S.I.A. - Types of cedar forests in the Sikhotealin Range. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

634.0(471.63)—Magadan Province

- Boyko, G.V. - Litter and plant residue resources in forests of the Kolyma basin. *Bol. zhur.* 82 no. 8, 14-18 Ag '85.

634.0(471.64)—Khabarovsk S.S.R.

- Berezhnev, G.E. - Experience in forest management of the Borovaya Mountain forest estate on a typical basin. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Berezhnev, G.E. and others. - Forest and soil types in the ecological topographical profiles in the Borovaya forest area. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Berezhnev, G.E. - Types of forests on the peatland weathering crust in the forest of steppe pine forests of the Khabarovsk-Monastirsk hills scenery and rocky peatlands. *Trudy KazNIIKH* 6: 146-146 '87.

- Berezhnev, G.E. - Growth of introduced species in Khabarovsk Province. *Trudy KazNIIKH* 6: 146-146 '87.

- Chernykh, D.P. - Black alder and shoot regeneration in the southern Lake Baikal region. *Trudy KazNIIKH* 6: 146-146 '87.

- Drozdov, G.I., Shchegolev, M.S. - Experience in growing Scotch pine from seeds of different geographical derivation in Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Fedorov, M.I. - Some results of experiments with high grass peatlands in the northern part of Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Gur'yeva, T.M. - Forest vegetation zoning of the pine forests of Kazakhstan and types of spruce pine forest islands of the central Kazakhstan peninsula. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Gur'yeva, T.M. - Types of spruce forests of the southwestern Tien Shan. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Kabanov, K.A. - Aspects of the agroecology of growing Scotch pine in the northern Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Lagutina, A.I. - Principles of classification of the pine forests of the Kazakhstan Alai. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Lagutina, A.I. - Good bearing by Siberian larch in the southern Alai. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Improvement cutting in the thick pine forests of the Kazakh peninsula. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Biology of spruce and the larvae of the great pine weevil (*Pityodectus abietis* L.) in the pine forests of the Kazakh peninsula. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Experience in the aerial chemical control of the pine looper in the Borovaya Forest in Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O., Orlov, I.I., Pashkovskiy, G.A. - Results of studies of the intravital usage of pine forests of the Kazakh peninsula. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Some principles and methods of planting trees in rural areas of Northern Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Experience in the planting of forest belt from seedlings in Northern Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Makharov, M.O. - Classification of the tree and shrub vegetation in Kazakhstan. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Makharov, M.O., Ryzhenko, P.A. - Geographical and individual variability of the content of cellulose in poplar wood in Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Popov, I.T. - Experience in dividing forest farms on a typological basis in forest management of the larch forests of the Amur Range. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Popov, I.T. - Siberian larch trunk volume and types in the Amur Range. *Trudy KazNIIKH* 6: 146-146 '87.

- Resolution of the State Scientific and Methodological Conference on the Principles of Type Classification of the Mountain Forests of Kazakhstan. *Trudy KazNIIKH* 6 no. 8, 14-18 Ag '85.

- Romashov, E.E. - Effect of cutting methods on regeneration in the spruce-grass pine forests of the Kazakhstan peninsula. *Trudy KazNIIKH* 6: 146-146 '87.

- Romashov, E.E. - Cellulose content of the wood of poplar and willow in the Issyk-Arborium. *Trudy KazNIIKH* 6: 146-146 '87.

- Shchegolev, M.T. - Material on the introduction of trees and shrubs into the forests of northern Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

- Shchegolev, M.T. - Experience in grafting Scotch pine in Kazakhstan. *Trudy KazNIIKH* 6: 146-146 '87.

634.0374 (Continued)

Salikov, V. A. - Pine sowings on bare soils of steppe soils in the Kazakh steppe. Trudy KazMILKII 8:121-123 '87.

Salikov, V. A. - Growing introduced nursery stock. Trudy KazMILKII 8:217-230 '87.

Salikov, V. A. - Pine forests of Karaganda Province. Trudy KazMILKII 8:7-12 '87.

Salikov, V. A. - Silvicultural experiments and introduction of promising species of poplar in protective forest plantings. Trudy KazMILKII 8:232-237 '87.

Salikov, V. A., and others. - Dynamics of forest fires in the forests of the Kazakh steppe. Trudy KazMILKII 8:206-207 '87.

Salikov, V. A. - Scientific and methodological conference on the classification of the types of mountain forests of Kazakhstan. Trudy KazMILKII 8:1-11 '87.

Salikov, V. A. - Effect of grazing on the regeneration and growth of the Kyzyl-Kum oak forest. Trudy KazMILKII 8:12-14 '87.

Salikov, V. A., and others. - Results of two years of experiments in tapping Scotch pine on the Chaidai mountain forest in Pavlodar Province. Trudy KazMILKII 8:109-114 '87.

Salikov, V. A. - Creation of forest plantations by sowing in the Akai Mountains of Kazakhstan. Trudy KazMILKII 8:131-137 '87.

Salikov, V. A. - Experience in protective afforestation in Aktyubinsk Province. Trudy KazMILKII 8:127-144 '87.

Salikov, V. A. - Natural regeneration in the mountain pine forests of the Kokshetau Upland in relation to cutting. Trudy KazMILKII 8:71-74 '87.

Salikov, V. A. - Aspects of winter (transpiration and moisture dynamics in one-year poplar shoots in Northern Kazakhstan. Trudy KazMILKII 8:231-235 '87.

Salikov, V. A. - Effect of felling operations on the process of natural regeneration in the strip pine forests of Kazakhstan. Trudy KazMILKII 8:78-81 '87.

Salikov, V. A. - Principles of mountain forest classification in regions of intensive exploitation. Trudy KazMILKII 8:170-181 '87.

634.1 Fruit growing

Vikharov, I. M. - So-called plastic heterogeneity of the fruit. Dokl. Akad. Nauk, 81 no. 8:777-780 May '85.

Vikharov, I. M., and others. - Study of the fruit of the fruit for canning purposes. Trudy MNIIPP 8:184-185 '85.

Vikharov, I. M., and others. - Comparative study of the fruit of the fruit in relation to the phytopathogenic fungi of citrus plants. Soob. AN KazSSR, 81 no. 1:173-175 May '85.

Vikharov, I. M. - Characteristics of splitting in two fragments of the fruit. Vopr. I. O. no. 2:100-105 May '85.

Vikharov, I. M., and others. - Effect of phosphorus on the growth, development and chemical composition of citrus plants. Soob. AN KazSSR, 81 no. 1:201-204 May '85.

634.1(471.43)—Ulyanovsk Province

Dyachenko, V. - Production and economic evaluation of some sorts of apples grown in the orchard of the training farm of the Ulyanovsk Agricultural Institute. Izv. Kuzb. SKNI 20:776-779 '87.

634.1(471.43)—Krybyslavsk Province

Malashov, V. A. - Apricot acclimatization in the Kuzbyslavsk Province. Trudy Inst. ekol. rast. i zhivotn. no. 64:118-123 '87.

634.1(471.43)—Dushanbe S. S. R.

Salikov, V. A., and others. - Aliso apple varieties in Dushanbe. Trudy Inst. ekol. rast. i zhivotn. no. 64:127-128 '87.

634.1(471.43)—Uzbek S. S. R.

Salikov, V. A., and others. - Activity of the proteolytic enzyme of the fruit in the stalk. Uzb. biol. zhurn. 12 no. 4:3-4 '85.

634.6 Grapes. Vines. Viticulture

Kalashnikov, V. P., and others. - Studying the processes of grape juice crystallization and clarification. Trudy MNIIPP 8:145-147 '85.

Kalashnikov, V. P., and others. - Technological study of grape juice concentration by freezing-out. Trudy MNIIPP 8:132-138 '85.

Kalashnikov, V. P., and others. - Studying the composition of volatile compounds in grape products processed by gas-chromatography. Trudy MNIIPP 8:131-133 '85.

Kalashnikov, V. P., and others. - Some problems of the thermal treatment of hybrid wine concentrates in the production of port-wine. Trudy MNIIPP 8:130-134 '85.

Kalashnikov, V. P., and others. - Efficiency of some methods of tank processing designated for grape juice holding. Trudy MNIIPP 8:137-141 '85.

Kalashnikov, V. P., and others. - Preservation of concentrated grape juice by the addition of sorbitol acid in cases of juice infection by yeasts of the species. Trudy MNIIPP 8:134-145 '85.

Kalashnikov, V. P., and others. - Some technological aspects of producing grape juice with a pulp content. Trudy MNIIPP 8:147-154 '85.

Kalashnikov, V. P., and others. - Comparative study of changes in the chemical composition of grape juice during its concentration by evaporation and freezing-out. Trudy MNIIPP 8:134-133 '85.

634.6(471.51)—Udmurt S. S. R.

Salikov, V. A. - Best grape variety for the Udmurt S. S. R. and its cultivation practices. Trudy Inst. ekol. rast. i zhivotn. no. 64:126-130 '87.

634.6(471.52)—Georgia S. S. R.

Dolidze, G. V. - Biological insecticide entomofauna-3 and its test results against two species of leaf rollers. Soob. AN Gruz. SSR, 81 no. 1:183-184 May '85.

634.6 Vegetables gardening and vegetables

Salikov, V. A., and others. - Effect of different doses of complete mineral fertilizers on the sensitivity of the carrot to nematode. Dokl. TSKHA no. 134:163-167 '87.

Salikov, V. A., and others. - Oxidative enzymes of potatoes and vegetables. Prikl. biokhim. i mikrobiol. 4 no. 4:425-430 May '85.

Salikov, V. A., and others. - Effect of trace element fertilizers on the content of manganese, copper, cobalt, and molybdenum in the pea. Dokl. TSKHA no. 134:168-170 '87.

Salikov, V. A., and others. - Organization of primary processing of vegetables on kolchozes. Ekonom. sel'sk. khoz. 44 no. 12:13-14 '85.

Salikov, V. A., and others. - Increasing vegetable gardening. Izv. Vor. gos. ped. inst. 80:45-51 '87.

Salikov, V. A., and others. - Microclimatic of sheltered ground. Nauch. trudy VNIIEKH 20:344-347 '87.

Salikov, V. A., and others. - Effect of potassium on the content of carbohydrates and nitrogen in the pea. Dokl. TSKHA no. 134:184-185 '87.

Salikov, V. A., and others. - Study of vitamin activity in some vegetables. Trudy MNIIPP 8:132-138 '85.

634.1(471.43)—Volgograd Province

Kalashnikov, V. A., and others. - Brinjal and tomato in the irrigated vegetable gardening. Nauch. soobshch. 44 no. 1:73-75 '85.

634.6 Kinds fruit and seed plants

Salikov, V. A., and others. - Study of the inheritance of some characters of the fruit structure of the fruit. Vest. Mosk. univ. Ser. 8:180-181, no. 23:33-34 May '87.

Salikov, V. A., and others. - Color change in the leaves of the cranberry, Vaccinium vitis-idaea L. during the drying process. Report No. 1. Trudy Len. khim. - farm. inst. 19:157-158 '85.

Salikov, V. A., and others. - Free amino acid content in peas following natural inoculation. Soob. AN Gruz. SSR, 81 no. 1:177-178 May '85.

634.6 Ornamental horticulture. Flowers. Shrubs

Salikov, V. A., and others. - Variability of flowers and the inheritance of ornamental plants in experimental polyploidy. Vest. AN BSSR, Ser. biol. nauch. no. 4:131-132 '85.

634.6(471.44)—Saratov Province

Salikov, V. A., and others. - Outdoor planting of flowers and ornamental plants. Trudy Inst. ekol. rast. i zhivotn. no. 64:173-175 '87.

634.6(471.5)—Ural regions

Salikov, V. A., and others. - Winter hardiness of roses in relation to their acclimatization in the Central Ural. Trudy Inst. ekol. rast. i zhivotn. no. 64:136-143 '87.

634.6(471.53)—Perm Province

Salikov, V. A., and others. - Florists of Voronezhskaya. Nauch. trudy Prikl. nauch. no. 1:128-131 '85.

634.6(471.54)—Sverdlovsk Province

Salikov, V. A., and others. - Feeding from soil as an important factor of the growth, development and acclimatization of ornamental plants. Trudy Inst. ekol. rast. i zhivotn. no. 64:132-137 '87.

634.6 Domestic animals

634.6(471.5)—Lithuania S. S. R.

Salikov, V. A., and others. - Production of feed for cattle in the Lithuanian steppe. Nauch. trudy VNIIEKH 20:186-187 '87.

634.66 Stock management. Breeding. Care

Salikov, V. A., and others. - Comparative evaluation of some methods of pregnancy diagnosis. Izv. Kuzb. SKNI 20:237-239 '87.

Salikov, V. A., and others. - Complex electrocardiographic of cattle raising farms. Nauch. trudy VNIIEKH 20:186-187 '87.

Salikov, V. A., and others. - Effect of various doses of stimulants ASD and biotin 48 on the growth of weanling piglets. Biokhim. zhurn. 81 no. 8:148-153 May '85.

Salikov, V. A., and others. - Electrocardiographic of labor demanding processes in swine raising. Nauch. trudy VNIIEKH 20:187-188 '87.

Salikov, V. A., and others. - Electrocardiographic of labor in sheep raising. Nauch. trudy VNIIEKH 20:184-187 '87.

Salikov, V. A., and others. - Technology of mechanized milking of milk cows with the "Mars" milking machine. Izv. Kuzb. SKNI 20:203-207 '87.

Salikov, V. A., and others. - Economic efficiency of using vitamin D in livestock rearing. Trudy VNIIEKH 20:182-183 '87.

Salikov, V. A., and others. - Electrification of transportation work on livestock farms. Nauch. trudy VNIIEKH 20:182-183 '87.

634.66(471.43)—Krybyslavsk Province

Salikov, V. A., and others. - Characteristics of the fine and coarse rooted crosses of sheep on the kolchozes named after the 20th Congress of the CPSU, Bol'shegushtskiy District and ways to improve it. Izv. Kuzb. SKNI 20:194-201 '87.

Salikov, V. A., and others. - Organization of combined maintenance of lactating sows with suckling pigs on the "Pobeda" Kolchoz in Stavropol District. Izv. Kuzb. SKNI 20:206-211 '87.

634.666 Feeding stuffs. Feeds

Salikov, V. A., and others. - Effect of chemical preservatives on the bacterial flora of ensilage. Izv. AN Kazakh. SSR Ser. biol. 8 no. 8:66-71 '85.

634.666(471.43)—Lithuania S. S. R.

Salikov, V. A., and others. - Production of feed for cattle in the Lithuanian steppe. Nauch. trudy VNIIEKH 20:186-187 '87.

634.6 Cattle

Salikov, V. A., and others. - Morphological structure of the cattle integument as an index of adaptability. Uzb. biol. zhurn. 12 no. 4:59 '85.

Salikov, V. A., and others. - Comparative evaluation of some methods of pregnancy diagnosis. Izv. Kuzb. SKNI 20:237-239 '87.

Salikov, V. A., and others. - Effect of best milk producers on the weight increase of young stock. Nauch. trudy VNIIEKH 20:186-187 '87.

634.6 Sheep, goats

Salikov, V. A., and others. - Nitrogen metabolism changes in experimental diets of sheep. Dokl. AN Azerb. SSR, 81 no. 4:57-58 '85.

Salikov, V. A., and others. - Development of gas exchange level and some vegetative functions in kids in ontogeny. Uzb. biol. zhurn. 12 no. 4:53-53 '85.

Salikov, V. A., and others. - Microencapsulation of labor in sheep raising. Nauch. trudy VNIIEKH 20:184-187 '87.

634.6(471.43)—Krybyslavsk Province

Salikov, V. A., and others. - Characteristics of the fine and coarse rooted crosses of sheep on the kolchozes named after the 20th Congress of the CPSU, Bol'shegushtskiy District and ways to improve it. Izv. Kuzb. SKNI 20:194-201 '87.

634.6(471.53)—Armenia S. S. R.

Salikov, V. A., and others. - State of carbohydrate metabolism in the liver of sheep infected with paratyphoid fever. Biokhim. zhurn. 81 no. 8:53-57 May '85.

634.6 Swine, pigs

Salikov, V. A., and others. - Effect of lysine on the quality of meat and fat during swine fattening. Nauch. trudy VNIIEKH 20:186-187 '87.

Salikov, V. A., and others. - Losses as a result of pig translocation. Nauch. trudy VNIIEKH 20:186-187 '87.

Salikov, V. A., and others. - Electrocardiographic of labor demanding processes in swine raising. Nauch. trudy VNIIEKH 20:187-188 '87.

634.6(471.43)—Krybyslavsk Province

Salikov, V. A., and others. - Organization of combined maintenance of lactating sows with suckling pigs on the "Pobeda" Kolchoz in Stavropol District. Izv. Kuzb. SKNI 20:206-211 '87.

634.6 Poultry

Salikov, V. A., and others. - Use of fermentation preparations in poultry breeding. Trudy VNIIEKH 20:186-187 '87.

Salikov, V. A., and others. - Electrification of poultry raising. Nauch. trudy VNIIEKH 20:186-187 '87.

634.63 Animals bred for fur

Salikov, V. A., and others. - Food of zooplankton in fur farming. Nauch. trudy VNIIEKH 20:186-187 '87.

637 Dairy and other animal products

Salikov, V. A., and others. - Technical progress and growth of production effectiveness in hillside livestock processing at meat-packing plants. Za tekh. prog. 8 no. 10:43-44 May '85.

Salikov, V. A., and others. - Effect of cheese aging and storage on changes in its fatty part. Prikl. biokhim. i mikrobiol. i mikrobiol. 4 no. 4:441-443 May '85.

637.1 Dairying and dairy products

Salikov, V. A., and others. - Mechanization of milk lines on the farm and the equipment for the initial treatment of milk. Nauch. trudy VNIIEKH 20:206-211 '87.

Salikov, V. A., and others. - Electrification of milking of cows. Nauch. trudy VNIIEKH 20:187-188 '87.

637.1 (Continued)

637.1.01(471.43)—Kryvyi Rih Province
Savitsky, V. - Technology of nonstationary maintenance of milk cows with milking by the "Karusel" milking machine. *Izv. Khark. VUZ* 20:808-809 '67.

637.1.01(471.43)—Kryvyi Rih Province
Mikheev, M. - Study of the metabolic contamination of milk on the "Karusel" milking machine and the effect of the city dairy. *Izv. Khark. VUZ* 20:818-826 '67.
Tatarskaya, E. - Chemical composition of milk coming into the Khark. city dairy. *Izv. Khark. VUZ* 20:812-817 '67.

637.1.01(471.43)—Turkmen S.S.R.
Amangulov, A. - Specialized production of milk. *Khm. i tekhn.* 44 no. 12:101-102 '68.

637.4 Eggs

Leyn, M., Tarasova, L., Evstigneeva, L. - Correlation analysis of the cost of eggs. *Khm. i tekhn.* 44 no. 12:80-85 '68.
Barysheva, G. - Biochemical characteristics of an egg mixture produced by stabilization and thermal drying. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:33-34 '68.
Volynskiy, A. S., Savitskiy, S. V. - Electrophoretic study of protein fractions of poultry egg white and yolk in the process of incubation. *Uzb. biol. zhurn.* 13 no. 1:8-14 '68.

637.6 Meat, Slaughtering

Aliev, D. - Hydraulic drive system with a central pumping plant. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:35-36 '68.
Babitskiy, M. - Improved design of the cutter's blade. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:37 '68.
Barysheva, G. - Economic reform in enterprises of the meat industry. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:38-39 '68.
Decisions of the October Plenum of the CC CPSU include a wide operational program. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:39-40 '68.
Voznitskiy, I. - Utilization of meat products by radiation. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:41 '68.
Izrael, I., Mikheev, M., Kabanova, E. - Effect of lysine on the quality of meat and fat during curing. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:42-43 '68.
Larygina, G., Kozlov, A. - Free radicals in animal tissues after sublimation drying. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:43-44 '68.
Kulshreshtha, L. - Modernization of a sausage plant. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:44 '68.
Krasnitskiy, T., Ryabinin, V., Gulyaev, V. - Modification method for carrying out of hydrolysis during the determination of tryptophan and hydroxyproline in meat. *Krasn. gos. univ. Ser. biol. nauki* 30 no. 12:45-46 '68.
Krasnitskiy, T. - Brief results of carrying out the plan during the 8 months of 1968. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:46-47 '68.
Larygina, G. - Changing the shaft design of freezing machines. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:47-48 '68.
Kabanova, E. - Results of work under new conditions. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:48-49 '68.
Kabanova, E., Voznitskiy, I. - Dependence of the thermophysical properties of meat during curing on its quality and moisture. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:49-50 '68.
Mikheev, M., and others. - Controlling of the receiving and delivering departments of a sausage plant by computers. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:50-51 '68.
Obidovskiy, M. - Continuous line for the preparation of stuffing for meat ravioli. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:51-52 '68.
Orlov, P., Averin, M. - Use of a key-type calculating machine in the veterinary-sanitation inspection of carcasses. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:52-53 '68.
Petrov, A. - Books-gazettes review. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:53-54 '68.
Petrov, A. - The method of selection, technology and quality. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:54-55 '68.
Preparations for the centennial anniversary of Vladimir Il'ich Lenin's birth. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:55-56 '68.
Shchegolev, S. - Development of the new material base in the meat industry. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:56-57 '68.
Shchegolev, S. - Knife for hide rounding. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:57 '68.
Kabanova, E., Liberman, S., Pavlovskiy, M. - New continuous line technology for complete processing of bones. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:58-59 '68.
Mikheev, M., Belousov, A. - Ultrastructure of striated muscles during necrosis. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:59-60 '68.
Ternovskiy, M. I., 1921-1968: obituary. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:60 '68.
Ternovskiy, V. - Line for bone deboning. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:61 '68.
Voznitskiy, I. - Raise of the qualifications of veterinary service specialists. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:62 '68.
Winter of the All-Union socialist competition for the third quarter of 1968. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:63 '68.
Zhukov, V. - Modernization with automation of expenses. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:64-65 '68.

637.6.01(471.43)—Kryvyi Rih Province
Kashnikov, U., Myasnikov, S. - Mechanism use of industrial potatoes. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:65-66 '68.

637.6.01(471.43)—Kryvyi Rih Province
Ternovskiy, V. - Development of the meat industry in the Kryvyi Rih S.S.R. *Mosk. gos. univ. Ser. biol. nauki* 30 no. 12:66-67 '68.

637.6.01(471.43)—Kryvyi Rih Province

Mikheev, A. S. - Study of the effect of meat quality of experimentally developed triploid milkfish forms on biological milkfish indices. *Dokl. AN Azerb. SSR* 24 no. 4:40-43 '68.

637.6.01(471.43)—Kryvyi Rih Province
Dobryshin, A. A., Mikheev, A. I. - Effectiveness of the treatment of practices with stable contact insecticides on the southern slopes of the Greater Caucasus in the region of intensive silkworm breeding. *Trudy Azerb. nauch.-issled. inst. zool. i trop. med.* 5:59-101 '68.

637.6.01(471.43)—Kryvyi Rih Province
Vladov, V. - "Karyoproca-88." *NTO* 10 no. 11:44-48 '68.

637.6.01(471.43)—Kryvyi Rih Province

All-Union conference of fisheries in lakes and rivers and reservoirs. *Ryb. khoz.* 44 no. 12:71-81 '68.
Barysheva, G. - Following the glucose path of our fathers. *Ryb. khoz.* 44 no. 12:82-84 '68.
Barysheva, G. - Thirty years in fishery service. *Ryb. khoz.* 44 no. 12:85 '68.
Belashchik, L. M., Barysheva, G. - Investigation of work center planning in machine trawlers (SRT). *Ryb. khoz.* 44 no. 12:86-88 '68.
Barysheva, G., Ryabinin, V. I. - Characteristics of the distribution and biology of *Scorpaenopsis scorpa* L. *Ryb. khoz.* 44 no. 12:89-90 '68.
Commercial ichthyofauna of Gulf of Toulon. *Le Mus. Nat. Hist. Nat.* 5 no. 8:117-123 '68.
Dobryshin, A. A. - Vertical storage fish migrations used in organizing fishing operations. *Ryb. khoz.* 44 no. 12:91-92 '68.
Korotkiy, A. I. - Determining the displacement measure of vessels with trawls. *Ryb. khoz.* 44 no. 12:93-94 '68.
Korotkiy, A. I. - Modeling submergence of the lower line of purse seines. *Ryb. khoz.* 44 no. 12:95-96 '68.
Korotkiy, A. I., Savitskiy, S. V. - Urgent problems of servicing whaling flotillas. *Ryb. khoz.* 44 no. 12:97-98 '68.
Korotkiy, A. I. - Significance of the catchability of fishing gear for evaluating the abundance of fish. *Ryb. khoz.* 44 no. 12:99-100 '68.
Korotkiy, A. I. - Experimental determination of catchability coefficients of river herring. *Ryb. khoz.* 44 no. 12:101-102 '68.
Korotkiy, A. I. - Theoretical premises of fish movement on a horizontal table performing harmonic longitudinal vibrations. *Izv. TINRO* 61:262-264 '67.
Korotkiy, A. I., Savitskiy, S. V. - Bait-feeding machine TUB-62. *Ryb. khoz.* 44 no. 12:103 '68.
Korotkiy, A. I. - Principles of storage in the visible current in water. *Ryb. khoz.* 44 no. 12:104-105 '68.
Korotkiy, A. I. - Comparison and experience. *Ryb. khoz.* 44 no. 12:106 '68.
Korotkiy, A. I. - Improving the reliability of scale (seal) engines aboard *Tropicheskaya*. *Ryb. khoz.* 44 no. 12:107-108 '68.
Korotkiy, A. I. - Present state of investigation in basin operations of fish fishing lines. *Izv. TINRO* 61:265-270 '67.
Korotkiy, A. I. - "Model" operator for calculating catch losses by a group of vessels during transshipment. *Ryb. khoz.* 44 no. 12:109-110 '68.
Korotkiy, A. I. - Determining the cost of carrying refrigerated cargo by the transport fleet. *Ryb. khoz.* 44 no. 12:111-112 '68.
Korotkiy, A. I. - Ice formation of fishing vessels and how to fight it. *Ryb. khoz.* 44 no. 12:113-114 '68.
Korotkiy, A. I. - Scientific and technical symposium at the International Fishing Industry Exhibition 1968. *Ryb. khoz.* 44 no. 12:115-116 '68.
Korotkiy, A. I. - Technological characteristics of southern fish caught with trawls in shelf zones. *Izv. TINRO* 61:271-272 '67.
Korotkiy, A. I. - Air lift for unloading fish from precooling tanks. *Ryb. khoz.* 44 no. 12:117-118 '68.
Korotkiy, A. I. - How to determine operational speeds of fishing vessels. *Ryb. khoz.* 44 no. 12:119-120 '68.
Korotkiy, A. I. - We kept our word. *Ryb. khoz.* 44 no. 12:121 '68.
Korotkiy, A. I., Elbert, S. S. - Fishing transport fleet operations by dynamic programming method. *Ryb. khoz.* 44 no. 12:122-123 '68.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Averin, T. M. - Effect of temperature balance of spawning migrations and catches of Russian ruffin (herring) (*Ureca*) of the Sea of Azov. *Ryb. khoz.* 44 no. 12:123-124 '68.
Kabanova, E. - Effect of breeding conditions and physiological state of Obolotok herring on its spawning time. *Izv. TINRO* 61:273-274 '67.
Kabanova, E. - Distribution of female herring during spawning migrations. *Izv. TINRO* 61:275-276 '67.
Kabanova, E. - Some possibilities of forecasting the migration of herring to the southern Kaspian. *Izv. TINRO* 61:277-278 '67.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I., Korotkiy, V. G. - Effluent herring fisheries in the western part of the Bering Sea. *Izv. TINRO* 61:279-281 '67.

637.6.01(471.43)—Kryvyi Rih Province
Vashkov, P. V. - Institute of Fisheries and Oceanography in Varna and the Natural History Museum in Bulgaria. *Vop. ikht.* 8 no. 5:870-873 '68.

637.6.01(471.43)—Kryvyi Rih Province

Korotkiy, A. I., Kabanova, E. I., Movilova, A. I. - Possible effect of the proposed hydroelectric power station in the lower Ob' Valley upon the fisheries. *Probl. ikht.* no. 18:147-158 '67.
Kabanova, E. I. - Characteristics of fisheries in lakes of Tyumen Province as related to acclimatization of whitefish. *Izv. Gos. NIIOREKH* 63:124-125 '67.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Anpilova, V. I. - Biology and cultivation of *Coregonus leuiscus* (Walbaum) *Mechanomodular*. *Izv. Gos. NIIOREKH* 63:126-127 '67.
Kabanova, E. I., and others. - *Coregonus nasus* (Pallas) and its future utilization in fish farming. *Izv. Gos. NIIOREKH* 63:128-129 '67.
Kabanova, E. I. - Prolongation of vegetative period in rearing young-of-the-year Atlantic salmon. *Izv. Gos. NIIOREKH* 63:130-131 '67.
Kabanova, E. I. - Seasonal *Oncorhynchus gorbuscha* (Walbaum) races. *Izv. TINRO* 61:282-283 '67.
Kabanova, E. I. - Peripheral blood composition as *Oncorhynchus keta* Walbaum as an indicator of its quality and rearing conditions. *Izv. TINRO* 61:284-285 '67.
Kabanova, E. I., Lobacheva, L. I., Mikheeva, L. P. - Relationship of the growth and development of *Coregonus nasus* (Pallas) larvae and the food supply. *Izv. Gos. NIIOREKH* 63:132-133 '67.
Kabanova, E. I. - Gametogenesis and comparative analysis of the development of the reproductive system in *Coregonus* pike reared in climatologically different zones. *Izv. Gos. NIIOREKH* 63:134-135 '67.
Kabanova, E. I., Lobacheva, L. I. - Rearing young-of-the-year salmon on different food mixtures. *Izv. Gos. NIIOREKH* 63:136-137 '67.
Kabanova, E. I., Lobacheva, L. I. - Role of lipid substances in the adaptation of fish to different osmotic and ionic. *Vop. ikht.* 8 no. 5:874-875 '68.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Barysheva, G. I. - Location of fattening grounds of herring in the coastal zone of the southwestern part of the Black Sea. *Vop. ikht.* 8 no. 5:876-877 '68.
Kabanova, E. I. - Effluent culture and preparation of seed in *Oncorhynchus keta* Walbaum of the Amur basin. *Ryb. khoz.* 44 no. 12:124-125 '68.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I. - Behavior and distribution of the Obolotok herring in 1964 and 1965. *Izv. TINRO* 61:286-287 '67.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I., Lobacheva, L. I. - Rearing young-of-the-year salmon on different food mixtures. *Izv. Gos. NIIOREKH* 63:138-139 '67.

637.6.01(471.43)—Kryvyi Rih Province
Anpilova, V. I. - More on the restoration of Volga whitefish stock. *Ryb. khoz.* 44 no. 12:126-127 '68.

637.6.01(471.43)—Kryvyi Rih Province
Ternovskiy, V. K. - Utilization of starling spawners, head in full waters of Volgograd Dam, for fisheries. *Izv. Gos. NIIOREKH* 63:140-141 '67.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I. - Ligands in fishes of Volgograd Reservoir. *Ryb. khoz.* 44 no. 12:128-129 '68.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I. - Data on the biology of commercial fishes in Arakura lakes of Afghanistan. *Ryb. khoz.* 44 no. 12:130-131 '68.

637.6.01(471.43)—Kryvyi Rih Province

637.6.01(471.43)—Kryvyi Rih Province
Petrov, A. I. - Dynamics of food supply in salmon ponds of the Toms Fish Farm of the Latvian S.S.R. *Izv. Gos. NIIOREKH* 63:142-143 '67.
Petrov, A. I. - Feeding habits of *Pangloss pike* L. and its nutritional relation to young *Salmo salar* L. in ponds of the Toms Fish Farm of the Latvian S.S.R. *Izv. Gos. NIIOREKH* 63:144-145 '67.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I., Lobacheva, L. I., Kabanova, M. A. - Acclimatization of *Salmo trutta* and *Coregonus pike* in very ponds of western provinces of the Ukrainian S.S.R. *Vop. ikht.* 8 no. 5:878-879 '68.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I. - Abiotic conditions in spawning grounds of *Oncorhynchus gorbuscha* Walbaum. *Izv. TINRO* 61:288-289 '67.

637.6.01(471.43)—Kryvyi Rih Province
Kabanova, E. I. - Spawning of *Oncorhynchus gorbuscha* Walbaum. *Izv. TINRO* 61:290-291 '67.
Kabanova, E. I. - Fluvial period in the life cycle of *Arctic* pink salmon. *Ryb. khoz.* 44 no. 12:132-133 '68.

629.3(871.04) (Continued)

Yakovlev, S.P. - Causes methods and some characteristics of the behavior of migrating young *Oncorhynchus gorbuscha* Walbaum in rivers of Sakhalin. Izv. TINRO 61:104-117 '67.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY, HOUSEKEEPING, HOME AND HOTEL MANAGEMENT, CATERING, ETC.

Klyuyev, H. - Conditions which contribute to pilfering in public food serving establishments. Rad.pravo 31 no.11:94-98 N '68.

64(471.33) - [Ivanovo Province]
Smirnov, A. - Concern for the workers' daily life. Komsomol 45 no.11:92-93 Ag '68.

647 Food. Cookery. Cakes

Popovskii, V.O. - Organizing the manufacture of food products by sublimation-drying. Trudy MNTIP 6: 3-20 '68.

642 Meats. Table service and cover

642(477) - Ukrainian S.S.R.

Yamashko, M. - Advice, assistance, and control... Sov.profsoyuz 24 no.10:34 O '68.

643 The home. Household equipment

Magomedov, B.A. - Improvement of quality is the most important factor. Gor.khoz.Mosk. 43 no.2:8-10 F '68.

Isayev, V.D. - International exhibition of household equipment, our interview. Gor.khoz.Mosk. 43 no.2:3-5 F '68.

644 Furnishings. Coverings. Pillows

Pravov, K.M., Dnestrov, M.L. - Polymeric heat- and sound-insulating materials for floor coverings. Stroitel. 14 no.11:15-16 M '68.

65 MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE, BUSINESS, COMMUNICATION AND TRANSPORT

65(1) Management theory, method, system

Gol'dshmidt, I.A., Kolosov, I.V. - Discrete analog of integral equation representation and its use in solving the problem of identification of a pulse system. Avtom. i vych.tekh.(Riga.) no.11:78-86 Ja-F '68.

Larva, V.L. - Qualitative analysis of some complex systems. Part I. Mathematical model of a system. Avtom. i vych.tekh.(Riga.) no.1:67-74 Ja-F '68.

Lavrenko, V.L. and others. - Experience in conducting and using computer programming for the determination of internal potentials in coal seams. Izv. vopr. i stroit. stroit. no.4:47-53 '67.

Petrov, V.V., Petrov, I.U. - Designing effective complex systems. Avtom. i vych.tekh.(Riga.) no.1: 88-94 Ja-F '68.

Shchepet'ev, A.I. - Mathematical methods and electronic computer technology in the mechanization of construction. Mekh.stroitel. 23 no.8:15-8 My '68.

Vozgradov, O.P. - Distribution of the maximum length of a queue in a single-line queueing system. Izv. AN Arm. SSR. Mat. 3 no.2:287-292 '68.

65.0(477) - Ukrainian S.S.R.

Korotkiy, B.P. - Dissemination of economic knowledge is a very important form of the party's struggle for the successful development of industry during the seven-year plan, 1966-1983. Mekh. preisl. i let. KPIES no.10:30-34 '67.

651 Office management, position and equipment

Popov, G.L., Pavlovskiy, G.A., Shepukova, M.M. - Selection of equipment for self-keeping by the state. Sov. tekhn. no.4:87-93 '68.

Sofskii, D.L. - Communications on office management. Sov. tekhn. no.4:60-62 '68.

651(474.5) - Lithuanian S.S.R.

Shchepet'ev, V. - Prediction of the "Sigma" Canbide. Vrach. torg. 48 no.2:34 '68.

651(477) - Ukrainian S.S.R.

Rogdenov, I. - Red tape is inadmissible. Part. shkola no.12:56 Ji '68.

654.1 Use of telegraph and telephone

Klimov, M. - Endless line. Radio no.11:15-16 M '68.

Orlovskaya, M. - At the forum of leading participants of an all-round sports tournament. Radio no.11:12-14 M '68.

Third Plenum of the Central Committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no.11:8-7 M '68.

654.1(477.5) - Western Ukraine

Kryzhanov, V. - Radio competitions near Rovno. Radio no.11:3 M '68.

654.191 Radio broadcasting

654.191(477.5) - Capitalist countries of the world

Popov, V. - War without shooting. Agitator no.1:48-50 Ja '68.

654.196 Television broadcasting

654.196(471.83) - Krasnodar Territory
Rokalo, L. - On a sky-kino screen. Bibliotekar' no.12: 10-13 D '68.

655 Printing. Publishing. Book trade

Arislov, A.D. - In friendly cooperation with scholars. Vop. iz KPIES no.11:84-187 '68.

Gelis, V. Godel'skiy, V. - Toxicity of a typographic alloy. Stroj. stroit. no.10:63-67 '68.

Kirpichnikov, B. - Soviet scientific books in Latvia. Vrach. torg. no.1:44-41 '68.

Lashin, A.L. - The "Mashinostroitel" publishing house is thirty years old. Trakt. i sekh. stroit. no.1:47 Ji '68.

655(471.85) - North Ossetian A.S.S.R.

Kazakov, D.V. - History of book publishing in North Ossetia. Izv. Sov. - Oset. nauch. - kul. torg. 20:23-28 '68.

655(477) - Ukrainian S.S.R.

At the Institute for Literature. Rad. lit. 10 no.9:86 S '68.

Korolenko, V.O. - At the "Dilepro" Publishing House. Rad. lit. 10 no.9:80 S '68.

Topol', E.V. - At the "Radikalna shkola" Publishing House. Rad. lit. 10 no.9:86 S '68.

656 Transport and postal services

Alkashov, V.A. - Traffic marking of streets and highways. Gor.khoz.Mosk. 43 no.2:42-44 F '68.

[Coastal shipments and the interaction of various types of transportation] Rad. stroit. i Vrach. stroit. no.10 O '68.

Orlovskiy, B.I., Pecherkin, M.P. - Modeling inter-section traffic using an electronic computer. Gor.khoz.Mosk. 43 no.2:35-42 F '68.

[Industrial transportation] Rad. stroit. i Prom. stroit. no.12 D '68.

Ivanova, G.M. - Automobile roadwork services abroad. Gor.khoz.Mosk. 43 no.2:30-32 F '68.

Lashin, R.K. - Distribution of city automobile traffic. Gor.khoz.Mosk. 43 no.2:33 F '68.

Vakulovskiy, M. - Transverse stability. Tekhn. i voen. stroit. 24 no.2:50-51 Str '68.

656(471) - Astoria R.S.S.R.

Variants, V.K. - Problems concerning the development of means of transportation in the lowland of Western Siberia. Probl. Sov. no.12:164-172 '67.

656(477) - Astoria R.S.S.R.

Variants, V.K. - Problems concerning the development of means of transportation in the lowland of Western Siberia. Probl. Sov. no.12:164-172 '67.

656.06 Traffic accidents

Polak, A. - At a symposium in Moscow. Sov. izn. no.10:28-30 Ag '68.

656.1 Road transport, bus

[Automotive and city transportation] Rad. stroit. i Avt. i gor. stroit. no.13 D '68.

Shchepet'ev, V. - New trucks for the pipeline construction industry. Stroitel. stroit. no.10:43-44 Ap '68.

Vasiliev, A.P., Ivanov, I.U. - Securing safe driving conditions in winter. Avt. dor. 21 no.11:14-17 D '68.

Zhelezov, G.M. - Efficient organization of transport in road construction. Avt. dor. 21 no.9:18-19 S '68.

656.1(471.36) - Moscow City

Levor, I.U. - Trade transport of the capital. Sov. torg. 49 no.11:18-21 D '68.

656.1(474.3) - Latvian S.S.R.

Viktorov, E., Lilius, V.I., Poudere, V.A. - Traffic accident on the highways of Latvia. Avt. dor. 21 no.9: 8-12 S '68.

656.2 Railway transport

Abramov, A.P., Ivanova, L.A. - Cost accounting of freight in transit. Vest. TSNII MPB 37 no.2:53-54 '68.

Abramov, O.E. - Additional check of the transmission of train numbers. Avtom. i vych.tekh. 13 no.11:6-8 N '68.

Antonikh, L. - Defense of dissertations is in progress. Avtom. i vych.tekh. 13 no.10:34-36 O '68.

Automation of train traffic control. Avtom. i vych.tekh. 13 no.11:14-17 N '68.

Balashov, G.S., Shafko, L.V., Strelets, V.A. - Loading and unloading centers in an industrial region. Khel. dor. transp. 49 no.10:68-69 O '67.

Bellano, L.A., Marota, P.I. - Trackside transducers on foreign railroads. Avtom. i vych.tekh. 13 no.10: 44-47 O '68.

Bestezhina, O.V., Fokin, M.D. - Preparation time required for the simultaneous operation of magnetic rail and disk brakes. Vest. TSNII MPB 37 no.3:33-34 '68.

Boshukin, I.U.M., Chervakov, I.U.I. - Results of tests of a diesel locomotive air conditioner. Vest. TSNII MPB 37 no.3:15-28 '68.

Chelvanika, A.P. - Standardization of operations and materials in signaling and communication enterprises. Avtom. i vych.tekh. 13 no.11:11-13 N '68.

Chubakov, A.L. - Device for checking dialing units. Avtom. i vych.tekh. 13 no.10:27-28 O '68.

Chirkin, V.Y., Kud'nik, G.M. - Railroad channeling lines can be passed under city. Gor.khoz.Mosk. 42 no.2:21-26 F '68.

Chukrov, V.V. - Great history of the oldest railroad. Khel. dor. transp. 49 no.10:15-16 O '67.

Device for checking PI selectors with a bumper. Avtom. i vych.tekh. 13 no.11:18-20 N '68.

Dimitrak, P.M. - Devices for setting time intervals using pulse bridge elements. Avtom. i vych.tekh. 13 no.11:11-13 M '68.

Drusil', S.A. - Parameters of vibration meters for compressed cargo with a view to avoiding damage to freight cars. Vest. TSNII MPB 37 no.2:38-39 '68.

Dorov, A.V. - Aerodynamic problems of high speed traffic. Vest. TSNII MPB 37 no.2:30-32 '68.

Elimination of board instrument effects on a shortwave amplifier. Avtom. i vych.tekh. 13 no.11:21 M '68.

Friendship between science and railroads: an interview with M.A. Orlovskiy. Khel. dor. transp. 49 no.10:25-26 O '67.

Gavrilluk, V.V., Bania, A.R. - Grounding of the sheathing of a long-distance communication cable. Avtom. i vych.tekh. 13 no.10:8-10 O '68.

Gavrillov, V.S. - Beneficial collaboration between the Member Countries of the Mutual Economic Assistance Council. Khel. dor. transp. 49 no.10:20-25 O '67.

Germans, E.K. - For ever living traditions. Khel. dor. transp. 49 no.10:22-25 O '67.

Gusevskiy, F.M., Marochkina, L.P., Chervakov, A.M. - Technical and economic indices of the transportation of sectional concrete to the construction site of the Kiev Hydroelectric Power Plant. Energ. stroit. no.3:90-93 '67.

In P'lov's footsteps. Avtom. i vych.tekh. 13 no.10: 1-7 O '68.

In preparation for Lenin's anniversary. Avtom. i vych.tekh. 13 no.11:1-3 M '68.

Installation of a capacitor in the power supply network of a 75 cycle frequency converter. Avtom. i vych.tekh. 13 no.11:23 N '68.

Khodovskiy, P.I. - Check of the burning-out of fuses. Avtom. i vych.tekh. 13 no.10:22-23 O '68.

Korobagin, M.A., Krasnov, M.P. - VU-13, 8/5 rectifying unit. Avtom. i vych.tekh. 13 no.10:11-13 O '68.

Korlov, R.A. - Design of a wide-band television system for surveying a classification station. Vest. TSNII MPB 37 no.2:43-45 '68.

Krotkov, L.M. - Device for testing SKIA-1 code counter units. Avtom. i vych.tekh. 13 no.11:23-24 M '68.

Kryukov, M.D., Vash, A.E. - Improving long-term planning of train operations. Vest. TSNII MPB 37 no.3:47-48 '68.

Kush, M.M., Kush, R.S. - Some methods for switching in and adjusting ATSK 106/2000 exchanges. Avtom. i vych.tekh. 13 no.11:14-16 M '68.

Lashchinskii, B.M. - An important lever in the improvement of operations. Avtom. i vych.tekh. 13 no.10: 10-13 O '68.

Lashchinskii, B.M. - Exhibition "Elektronika-68." Avtom. i vych.tekh. 13 no.10:38-39 O '68.

Malinova, V.K., Anpilov, M.V. - Improvement of the synchronization of RTA-24M radio relay apparatus. Avtom. i vych.tekh. 13 no.10:22-24 O '68.

Measures for improving the organization of commercial work. Khel. dor. transp. 49 no.10:22-24 O '67.

Mel'nik, V.I. - Use of special networks for the approximation of car flows. Vest. TSNII MPB 37 no.2:60-62 '68.

Method for testing automatic cab signaling using an oscilloscope. Avtom. i vych.tekh. 13 no.11:20-21 M '68.

Mikhailovskiy, V.M. - Setup for registering the time characteristics of SVSh and VSVSh blocks. Avtom. i vych.tekh. 13 no.10:26 O '68.

Mironov, I.U.P., Borodina, A.M. - Instrument for testing of pulse counters. Avtom. i vych.tekh. 13 no.11: 27-28 M '68.

More on circuit changes in the main station in exchange of a station communication system. Avtom. i vych.tekh. 13 no.11:24-27 M '68.

Muraviev, A.V., Kachura, M.F. - Accurate train information. Khel. dor. transp. 49 no.10:46-49 O '67.

New regulations on guarding labor premises. Khel. dor. transp. 49 no.10:67-68 O '67.

On the railroads of the world. Khel. dor. transp. 49 no.10:66 O '67.

688.2 (Continued)

- Osipov, I. S., Odopozov, I. U. A., Barlagan, R. M. - Systems of remote-control protection of train sets on receiving-and-departure tracks. *Zh. dor. transp.* 48 no.10:57-59 O '67.
- Ostrov, A. B., Lazarenko, I. U. M. - Switching operations and traffic safety rated by the established size. *Elek. i tepl. dlya* 12 no.7:36-37 JI '68.
- Orcharov, A. D. - The life of the crossing alarm bell has been increased. *Avtom., telem. i avia* 12 no.11 40 N '68.
- Ovchinnikov, A. I. - We are eliminating the faults of BHP-62M and BHP-62M train radio communication equipment. *Avtom., telem. i avia* 12 no.11:78-79 N '68.
- Pavlovskiy, V. L. - Mathematical model of an information transmission system. *Vest. TSNII MPS* 27 no.5 56-59 '68.
- Petrovskiy, N. A. - Changes in the structure of a setup for recording the time characteristics of relays in D-28 stages. *Avtom., telem. i avia* 12 no.11:23-25 O '68.
- Polukhin, V. M. - Automatic equipment of traffic control. *Zh. dor. transp.* 48 no.10:25-28 O '67.
- [Railroad (transportation) Ref. chair. Zh. dor. transp. no.12 D '68.
- Rabinberg, A. N., Sikov, O. T. - Reserves in action. *Zh. dor. transp.* 48 no.10:54-56 O '67.
- Ruby-type electric clocks. *Avtom., telem. i avia* 12 no.10:43 O '68.
- Rogachevskiy, A. E., Gerasim, I. U. P. - Small shipments are unloaded in a new manner. *Zh. dor. transp.* 48 no.14:64-66 O '67.
- Semenov, M. M. - Branch of economy built new. *Zh. dor. transp.* 48 no.10:3-5 O '67.
- Shchegolev, K. B. - Study of systems for linking communication channels with electronic digital computers. *Vest. TSNII MPS* 27 no.3 58-62 '68.
- Shchegolev, L. G., Shchegolev, M. G. - Collimated braking of a set of cars on brake-shoe dropping positions. *Zh. dor. transp.* 48 no.10:34-37 O '67.
- Shchegolev, V. P. - Determining the expenditures of car-hours under different plan variants for forming sectional and pick-up freight trains. *Vest. TSNII MPS* 27 no.3 42-45 '68.
- Smolinskii, I. U. A. - Calculation of engineering and economic efficiency of centralized traffic control using digital computers. *Avtom., telem. i avia* 12 no.11 17 N '68.
- Stalen, V. L. - Use of logical circuits in the preparation of work programs in increasing operational reliability. *Avtom., telem. i avia* 12 no.10:14-19 O '68.
- Telegraph intercom communication. *Avtom., telem. i avia* 12 no.11:2-25 N '68.
- Tolstokharov, M. M., Shchegolev, B. I. - Sources of growth of labor productivity. *Zh. dor. transp.* 48 no.10:34-41 O '67.
- Vologda, V. A. - Conditions of during high-speed traffic of current collectors with contact suspensions. *Vest. TSNII MPS* 27 no.3 27-30 '68.
- Khramov, A. I. - Improving procedure of calculating braking costs. *Zh. dor. transp.* 48 no.10:79-82 O '67.
- Khramov, V. L., Osechkin, M. D. - With high speeds. *Zh. dor. transp.* 48 no.10:28-30 O '67.

688.3 (471.21)—Murmansk Province

- Pelkie, V. M. - Railroad has which transformed a region. *Zh. dor. transp.* 48 no.10:30-32 O '67.

688.3 (471.21)—Moscow City

- Kolpakchikov, G. N. - Rich Odesa. *Vop. ist. KPSS* no.11 62-67 '68.
- Plotnev, L. I. A. - Moscow should have diamond railroad lines. *Gor. khoz. Mosk.* 43 no.2:20-21 F '68.

688.3 Pipeline

- Kobarnik, S. G. - Comments on Technical Specifications and Norms for the design of hydraulic of granular materials using steel pipes. *Gidrot. stroi.* 26 no.10:38-39 O '68.
- [Pipeline (transportation) Ref. chair. Trub. transp. no. 8-12 M-D '68.

688.3 Marine, water transport

- Agapov, G. L. - Indices of vessel chartering. *MOI (Prilozh.)* no.14:94-128 '68.
- Barmavskiy, I. - International automated transport. *Voen. torg.* 48 no.2 46-47 '68.
- Garinov, K. A. - Efficiency of using various type ships and barge trains. *Trudy TSNII VVT* no.83:144-154 '68.
- Kisilovskiy, I. V. - Method of defining the influence on fuel capacity of each one of its determining factors. *Trudy TSNII VVT* no.83:144-154 '68.
- Mironov, V. P. - Optimization of fleet spacing by time for fuel location of the network of tank vessel types for prospective needs. *Trudy TSNII VVT* no.83:144-154 '68.
- Mosin, V. A., Pavlovskiy, T. A. - Economic reform and the legal situation of a shipping enterprise. *Trudy TSNII VVT* no.83:144-154 '68.
- Melodov, V. I., Kostylev, G. A. - Disciplinary responsibility according to the Code on the Discipline of workers in the U.S.S.R. Merchant Marine. *Trudy TSNII VVT* no.83:144-154 '68.
- Melodov, V. I. - Legal problems of work incentives for workers in the merchant marine. *Trudy LIT* no.83:144-154 '67.
- Ponomarev, V. M. - Method of determining the optimum capacity of vessels. *Trudy TSNII VVT* no.83:144-154 '68.

- Rez, B. S., Lavich, I. U. M. - Certain characteristics of the legal control of the crew labor organization in collective contracts with shipowners. *Trudy TSNII VVT* 14 no.20 78-87 '68.

688.7 Air transport

- [Air (transportation) Ref. chair. Vozd. transp. no.12 D '68.
- Berezovskiy, V. - Airflight to America. *Kov. vresh.* 28 no.10:28-29 D '68.
- 688.7 (73)—United States of America
- Barashkov, V. - Airflight to America. *Kov. vresh.* 28 no.10:28-29 D '68.

688.8 Mail, Post

- Krasnitskiy, V. I. U. - Capital assets of the mail service and ways of improving their use. *Vest. avia* 28 no.10:4-11 My '68.
- Papstov, I. O. - Progressive practice should be made available to all departments of the postal administration. *Vest. avia* 28 no.10:11-12 My '68.

688.830 Freight, Storage, Pilots

- Ushakov, V. - Rules of time. *Mok. khoz.* no.10:183 '68.
- Polosinskiy, V. V. - Scientists and entrepreneurs on postage stamps of the world. *Zem. i vod.* no.5:68-69 5-O '68.

687 Accountancy, Bookkeeping

- Dogulavskiy, S. A. - Pay rates for completed work in major repairs of residential buildings. *Gor. khoz. Mosk.* 43 no.10:32-33 Ja '68.
- Klimova, G. - Bank work in accounting for current operations. *Dan. i kred.* 28 no.11:32-37 N '68.
- Avstikhin, V. B., Karas, L. M., Didenko, T. V. - Organizing internal business accounting for petroleum pipelines. *Transp. i khim. sel. i les. prod.* no.9:36-39 '68.

687 (77)—Ukraine S. S. R.

- Vasilevich, K. P. - Introduction of standard accounting in enterprises of heavy machinery manufacturing. *Kom. i organ. prom. prod.* no.3:23-24 '68.

687 (78)—Moldavia S. S. R.

- Tsvetkov, M. - Consolidation of payments is the problem of today. *Dan. i kred.* 28 no.11:37-38 N '68.

687 (79.24)—Azerbaijan S. S. R.

- Akhmedov, A. I. - Development of work on interindustry balance in Azerbaijan. *Za tekhn. prog.* 8 no.10:45-47 O '68.

688 Business, work and shop management and techniques

- Asatryan, S. - The economic reform and the initiative of the enterprises. *Vop. ekon.* no.11:23-24 D '68.
- Bratkovskiy, B. A., Bratkovskiy, A. A. - Preparation of an expedition form for the "account-regulation" card used for commercial transactions. *Vop. ekon.* no.11:23-24 D '68.
- Karimov, V. A. - Quantitative analysis of the economic effect obtained by the introduction of pneumatic models. *Kov. vresh. i avia* 28 no.11:108-109 '67.
- Pavlovskiy, M. I. - Development of research in the organization of construction during the years of Soviet rule. *Kov. vresh. i avia* 28 no.11:108-109 '67.
- Papov, K. I. - Automatic control of the home-building complex at "Otkrytoy" Member Org. *Kov. vresh. i avia* 28 no.11:108-109 '67.
- Pryshchinskiy, A. P. - Methods for determining the effect of changes in assortment on the effectiveness of fixed assets in the shoe industry. *Kov. vresh. i avia* 28 no.11:108-109 '67.
- Utev, P. N., Gorkovskiy, V. I. - Signatures and special prescription blanks. *Vop. ekon.* no.11:23-24 D '68.
- Vasilevich, K. P. - Businesslike approach to party leadership. *Part. stroi.* no.11:18-20 JI '68.
- Karimov, V. - Relationship of production and warehouse stocks. *Prakt. Arm.* 28 no.10:38-41 '68.

688 (28)—Hungary

- Körm, Döry. - Economic reform in the Hungarian People's Republic. *Sov. gos. i prav.* no.11:100-119 N '68.

688 (77)—Ukraine S. S. R.

- Dorlov, B. P. - Dissemination of economic knowledge is a very important form of the party's struggle for the successful development of industry during the seven-year plan, 1960-1965. *Nauk. prots. i let.* KPSS no.14:30-34 '67.

688.1 Forms of business enterprise. Finance

- Barshchinskaya, E. - Norms for supplementary deductions to incentive funds. *Fin. khoz.* 43 no.10:32-34 Ja '68.
- Finances of a primary organization. *NTO* 10 no.11:30-31 N '68.
- Kalinyov, I. U. P. - Economic reform and effective utilization of capital assets. *Av. prom.* 24 no.8:1-3 S '68.
- Korovinich, A. - Some problems in the economic reform. *Fin. khoz.* 43 no.10:32-34 Ja '68.

- Lavin, N. - Funds and norms. *Fin. khoz.* 43 no.10:32-34 Ja '68.

- Mamseev, G. T. - Use of efficiency promotion funds. *Fin. prom.* 48 no.8:23-25 Ag '68.
- Medvedev, I. A., Kobylshikov, I. I., Ermakov, A. B. - Cost accounting interrelationship between blast-furnace plants and steel foundries. *Metallurg* 12 no.12:24-25 D '68.
- Plavov, M. - The production development fund. *Fin. khoz.* 48 no.10:45-50 D '68.
- Pasternak, I. Z. - New regulations for the financing of construction. *Stroi. i stroit. prov.* 11 no.4:24-4 Ja '68.
- Shchegolev, V. - Business accounting is a branch and production management. *Vop. ekon.* no.11:23-24 D '68.
- Shchegolev, V. - Use working capital efficiently. *Sov. prod. stroi.* 24 no.17:27-28 S '68.
- Teplovskiy, V. A. - Determining the cost of carrying refrigerated cargo by the transport fleet. *Kov. vresh.* 44 no.10:67-68 D '68.
- Zhukov, S. - Symposium of economists in the U.S.S.R. and the Democratic Republic of Germany. *Vop. ekon.* no.11:24-25 D '68.

688.1 (471.22)—Leningrad City

- Ivanov, T., Liskova, N. - "Profitable" and "unprofitable" goods. *Sov. torg.* 42 no.10:7-9 D '68.

688.1 (471.40)—Volgograd Province

- Livinskaya, K. - Unsecured loans in lending credit on the basis of turnover. *Dan. i kred.* 28 no.11:44-46 N '68.

688.3 Establishments, Works, plants and equipment

- Borisev, V. A., Gorkovskiy, I. A., Ruzhnik, G. V. - Use of capital production assets of the Uchebno-issledovatel'skiy Trust. *Energ. stroi.* no.3:63-66 '67.
- Chashchova, V. P., Goryunova, T. A. - Use of matrix models in industrial planning. Report No. 2. *Kov. vresh. i avia* 28 no.11:108-109 '67.
- Frank, G. L. - Iron foundry of mass production. *Li. prots.* no.11:13-14 M '68.
- Isakov, V. - Most important new construction sites in 1969. *Avia* 28 no.11:108-109 '67.
- Kolobov, R. N. - Determining the economic efficiency of introduction of new equipment. *Kom. i organ. prom. prod.* no.3:23-24 '68.
- Piragov, V. K. - Party guidance in initiating the publication of literature on history of factories and mills in the U.S.S.R. *Vop. ist. KPSS* no.11:108-109 '67.
- Technological organizations of youth. *Otkrytoy* 12 no.11:23-24 Ja '68.
- Vasilevich, K. P., Stepanov, V. V. - Redesigning of houses for production of different tools. *Li. prots.* no.11:13-14 M '68.
- Khachik, V. - Modernization with minimum of expenses. *Kom. i organ. prom. prod.* no.3:23-24 '68.
- 688.3 (471)—Ukraine S. S. R.
- Chetverikov, V. M. - Prevention of suppressive side diseases due to microclimate at the Dnepropetrovsk Metallurgical Plant named after Karl Liebknecht. *Kim. i fiz. khim.* no.11:46-48 Ja '68.

688.3 Personnel, Human relations

- Adams, S. - Letters, generalise, introduce. *Sov. shkol.* 18 no.10:19-20 O '68.
- Dobek, Z. - Fight against industrial noise. *Prakt. Arm.* 28 no.10:38-41 '68.
- Cherem, M. - Leader and the community of miners. *Sov. shkol.* 18 no.10:19-20 O '68.
- Dorlov, B. P. - Methods of statistical study of the movement of personnel. *Uch. zap. po stat.* 13:23-34 '67.
- Dobek, Z. - Knowledge, initiative, and responsibility. *Stroi. i stroit. prov.* 11 no.4:24-4 Ja '68.
- Gavrilov, I. - Road construction for the year of socialist labor. *Av. dor.* 21 no.8:2-3 S '68.
- Isakov, V. A. - Improving planning for the leader of basic workers and the piece-rate wage fund in the sector of large equipment with the aid of electronic computers. *Kom. i organ. prom. prod.* no.3:23-24 '68.
- Kukurin, I. M. - The telecommunication workers are improving their qualifications. *Vest. avia* 28 no.10:28-30 O '67.
- Kanilich, M. I. - The Dolzhevik Post Enterprise in the third year of the five-year plan. *Tor. prom.* 48 no.10:4-7 '68.
- Kil'matov, R. P. - Scientific organization of engineering work. *Av. dor.* 21 no.8:2-3 S '68.
- Lakhtinov, I. - Urals steel sheet makers. *Metallurg* 18 no.10:30 D '68.
- Lorenkov, V. S. - Organization of oil coating production in the group methods of labor. *Li. prots.* no.11:13-14 M '68.
- Maksimov, M. - Scientific organization of labor and the law. *Otkrytoy* 12 no.11:23-24 Ja '68.
- Mochernov, G. - Making use of all potentialities. *Sov. shkol.* 18 no.10:19-20 O '68.
- Pavlovskiy, G. F., Chislov, M. D. - Safety in gamma-ray deflection. *Mashinostroi.* no.9:38-39 S '68.
- Pavlov, L. I., Gromberg, M. B., Polosinskiy, I. M. - Industrial hygiene in using core binders of nitric acrylic acid. *Li. prots.* no.11:13-14 M '68.
- Rubev, V. I., Polosinskiy, V. A. - Our experience in introducing the scientific organization of labor. *Mashinostroi.* no.9:38-39 S '68.
- Safety rules in ammonia refrigerating plants. Part 1. *Kim. i fiz. khim.* 45 no.10:42-43 O '68.
- Shchegolev, V. - A sociologist arrives in a shop. *NTO* 10 no.11:30-31 N '68.
- Shchegolev, V., Suprun, B., Stepanovskiy, G. - Work of mine foremen should be organized. *Sov. shkol.* 18 no.10:19-20 O '68.

66.3 (Continued)

Basinger, G. E. - Use of mathematical methods in solving managerial work problems. Uch. zap. po stat. 13: 98-122 '67.
Tobiashev, M. M., Shafirich, B. I. - Sources of growth of labor productivity. Zhel. dor. transp. 49 no. 10-24: 4 O '67.

66.3.3(471.31)---Moscow Province
Gerasimov, A. - A businesslike approach. Otkr. trade i sot. struk. 13 no. 1120-22 Ja '69.

66.3.3(471.43)---Kryvykhov Province
Ivashkin, A. - Dictated by concern for the people. Sov. profsoyuzy 24 no. 174 S '68.

66.3.3(471.53)---Perm Province
Krasov, A. - Word about discipline. Otkr. trade i sot. struk. 13 no. 111 Ja '69.

66.3.3(474.3)---Kazanka S.S.R.
Maita, G. - The practice has been approved. Otkr. trade i sot. struk. 13 no. 1125-27 Ja '69.

66.3.3(477)---Ukrainian S.S.R.
Nasir, L. - Subjugators of the land. Otkr. trade i sot. struk. 13 no. 116-17 Ja '69.

66.3.3(477)---Azerbaijan S.S.R.
Time to move forward! Sov. profsoyuzy 24 no. 171-174 S '68.

66.3.3 Production management and control

Agamshyan, K. - Attention should be centered on the quality of production. Prom. Arm. 19 no. 6:60-78 '68.

Aliphat, G., Gukstein, Zh., Arustamian, R. - Neutralizing and utilization of industrial waste gases containing sulfur. Prom. Arm. 10 no. 8:20-21 '68.

Alchodjan, A. A., Oshkadi, A. A., Ashikina, M. A. - Chemical processing of the tails of Sverdlovsk-olivite are obtained by magnetic separation concentration. Part 4. Treatment of hydrochloric solutions of tails with potassium. Arm. khim. st. 19 no. 4:294-300 '68.

Alkasev, F., Mikhailova, L. - Good comsolers. NTO 10 no. 11:28 N '68.

Alkasev, V. B. - Experience in rapid mining at the "Leningradskaya" mine. Par. opyt v stroi. i ek. struk. 25 no. 4:24-27 '67.

Asanbek, I. - Work in the field of scientific organization of labor. Mias. ind. 30 no. 12:17 D '68.

Arutunov, V. - Once more on cooperation and specialization in the production of parts. Prom. Arm. 10 no. 10: 26-28 '68.

Ashov, A. I. - Important discussion. Stand. i kach. 33 no. 11:20-22 O '68.

Bukich, M. - Three propositions of the efficiency promoters of the "Ariano" OJ Prod Administration. Vest. stroi. 25 no. 11:15-16 D '68.

Berezin, N. P. - Cool and quality of general overhead of equipment. Stand. i kach. 33 no. 11:20-22 D '68.

Berestovskiy, A. - Economic reforms in enterprises of the metal industry. Mias. ind. 30 no. 11:1-4 M '68.

Berova, A. I. - Storage, registration and use of a collection of documentation of engineering standards. Stand. i kach. 33 no. 11:20-22 D '68.

Buboryk, E. P. - Experimental-technological solutions and groups, a progressive form of introducing advanced experience. Vest. stroi. 25 no. 11:27-28 M '68.

Beryshov, M. - Stand on guard of labor laws. Sov. shakhi. 18 no. 10:20-21 O '68.

Bukharin, M. L. - Increased rated capacity of basic equipment. Tsvetmet 34 no. 8:15-16 B-O '68.

Beer, I. A., Makshimov, K. A. - Calculating the cost of repair workers. Mashinostroi. 11 no. 8:48 S '68.

Bercha, G. D., Volosov, A. S. - Problems of quality improvement and active control in the machinery construction industry. Stand. i kach. 33 no. 10:43-45 O '68.

Chukov, A. L., Petrovich, V. M. - Quality of peat production established by consumer demand for 1968-1969. Torf. prom. 45 no. 10:18-11 '68.

Chibashov, A., Ildashin, V. - An inquiring mind. Vest. stroi. 25 no. 11:13-14 O '68.

Chernyshevich, V. A. - Proposals regarding production volume indices in foundries. Lit. prot. no. 10:15-17 O '68.

Dzhurava, M. L. - On the road of technical progress. Stroi. mest. 14 no. 11:7-10 M '68.

Dolichov, V. - Soviet-made products is a quality product (State inspection on the quality of export products). Stand. i kach. 33 no. 10:51-53 O '68.

Dogadina, M. S. - Capital construction in the petroleum production industry ought to be speeded up. Stroi. stroyprom. 8 no. 4:3-5 Ap '68.

Dobin, V. - Most effective way of achieving victory of socialism. Komsomol 46 no. 14:11-21 S '68.

Dobrovolskiy, V. V. - Deviations in the normative documents of the All-Russian Central Construction Office from existing standards. Stand. i kach. 33 no. 10:34-37 O '68.

Duda, V. A. - Quality problems of industrial products. Stand. i kach. 33 no. 11:23-27 D '68.

Eltsov, K., Derbisher, A., Amirdubanskaya, F. - Planning and providing economic incentives for improving the quality of industrial products. Plan. khoz. 48 no. 1:20-25 Ja '69.

Kuzin, D., Voloshin, V. - Work under new conditions. Vest. stroi. 25 no. 11:11-13 D '68.

Fedorova, B. S., Kharlamov, M. I. - Tenth member of central laboratories of ferrous metallurgy plants. Zev. zh. 34 no. 8:102-103 '68.

From a play to business. NTO 10 no. 11:13 N '68.

Galan, V. P. - Economic relations between organizations should be regulated. Stroi. stroyprom. 8 no. 4:18-24 Ja '68.

Gavrilov, P. A., Sokolov, V. I. - Quality control of abrasive products. Stand. i kach. 33 no. 10:48-49 O '68.

Geller, I. - How to organize the fight against rejects. Stand. i kach. 33 no. 11:23 D '68.

Gerasimchuk, S. I. A. - Index of the production volume in foundries. Lit. prot. no. 10:14-15 O '68.

Gorbik, V. A., Chernikov, A. A. - Regular work assigns constant production management schools. Mashinostroi. 11 no. 8:23 S '68.

Goraglad, A. - Fourth year of the five-year plan. Agitator no. 11:14-17 Ja '69.

Iakub, G. F. - System of calculating design quality. Stand. i kach. 33 no. 11:23-24 D '68.

Iakovlev, P. I. - Some problems in determining the economic efficiency of introducing high-grade tractor tires. Stand. i kach. 33 no. 11:51-52 D '68.

Izhev, I. O., Sapagin, N. K. - According to engineering charts. Avi. dor. 31 no. 8:10-11 S '68.

Ishchenko, I. A. P. - Efficiency of capital assets in the coal industry. Par. opyt v stroi. i ek. struk. 25 no. 4:71-74 '67.

Iakov, A. S., Khramenko, M. N. - Problems of the industrial organization, production quality, and profitability of wine-making enterprises. Tруды MNIIP 8:234-245 '68.

Ivanov, M. - Basic trends of machinery and technology improvement in the glass and enamel industry. Mias. ind. 30 no. 11:15-16 D '68.

Ivanov, K. G. - New method of organizing the labor of the technical personnel at the Kuybyshev telegraph office. Vest. stroi. 25 no. 8:3-6 My '68.

Kalits, O. Zh., Karamashko, V. V. - Evaluating the quality of a gas pipeline being led into operation. Stroi. stroyprom. 8 no. 4:24-26 Ap '68.

Kashchev, U., Myrdashov, S. - Maximization of industrial potentials. Mias. ind. 30 no. 11:1-13 M '68.

Khachaturian, G., Tigranov, T., Khachaturian, A. - Problems of efficient use of equipment. Prom. Arm. 10 no. 10:22-24 '68.

Khachaturian, A. M., Ivanov, L. G. - New potentials in steelmaking cost and profitability of steelmaking in a transition to new conditions of work. Metallurg 13 no. 11:29-31 D '68.

Kharuk, M. F. - Control of chain strength. Stand. i kach. 33 no. 11:24 O '68.

Kharuk, L. R. - Quality of production and effectiveness of capital investments. Stand. i kach. 33 no. 11:48-49 D '68.

Kiprovskiy, G. - Planning for production and marketing of industrial products. Plan. khoz. 48 no. 11:28-29 D '68.

Kolyuchikov, M. S., Stralov, E. I., Fedotina, P. V. - Introduction of continuous operation-production planning to repair facilities. Uch. zap. Mord. gos. un. no. 23:75-76 '67.

Komlev, A. - Growth of the industry and specialization of people controlling it. Mias. ind. 30 no. 11:13-14 D '68.

Konovskiy, R. P., and others. - Effect of the pouring method on the quality of 170G steel. Metallurg 13 no. 11:18-19 D '68.

Kopylov, V. T., Morgunova, M. S. - Rates of the increase of labor productivity in the liquor and vodka industry of the U.S.S.R. Tруды VNIIP 8 no. 11:23-27 '68.

Koshcheva, A. I., Maslov, R. L. - Experience in using a collection of documentation of engineering standards. Stand. i kach. 33 no. 11:23 D '68.

Koslov, M. M. - Some problems of the profitability of the cotton and staple fabrics production. Tekst. prom. 25 no. 10:41-13 O '68.

Krasnopol'skiy, I. A. - Brief results of carrying out the plan during the 8-months of 1968. Mias. ind. 30 no. 11:20-21 M '68.

Krasnopol'skiy, I. A. - Capital assets of the mail service and ways of improving their use. Vest. stroi. 25 no. 8:4-6 My '68.

Kutik, T. M. - Improvement of labor conditions and of industrial organization leads to increased productivity. Tekst. prom. 25 no. 10:9 O '68.

Kutkin, L. G. - Methodology for evaluating the quality of industrial production. Stand. i kach. 33 no. 11:20-21 D '68.

Kopronov, I. A. M. - Economic levers in construction. Stroi. stroyprom. 8 no. 4:13-14 M '68.

Kurik, L. K. - Urgent problems in connection with capital repairs. Lev. prom. 48 no. 8:13-14 Ag '68.

Kuznetsov, V. V. - Standardization and optimization of technological equipment in the machinery construction industry. Stand. i kach. 33 no. 10:21-26 O '68.

Lagunov, A. V. - Potential capabilities are put in action. Tsvetmet 34 no. 8:13 S-O '68.

Lekki, I. A. - Economic aspects of standardization activities of the Metallurgical Combine "V. I. Lenin". Stand. i kach. 33 no. 10:13-14 O '68.

Let us tighten the organizational structure and discipline a review of letters. Komsomol 46 no. 14:100-110 '68.

Lisovskiy, V. B. - Experience in the mechanization of material and equipment supply operations in instrument manufacturing plants. Prihorostroenie no. 8:30-33 S '68.

Listing of standards in the standardized system of engineering documentation. Stand. i kach. 33 no. 11: 63-65 D '68.

Lobashovskiy, M. - Day of the Scientific and Technical Society Activist. NTO 10 no. 11:34 M '68.

Lobashov, P. - Results of work under new conditions. Mias. ind. 30 no. 11:20-21 M '68.

Lobin, K. D. - Use of the Rating about socialist state industrial enterprises of telecommunication enterprises. Vest. stroi. 25 no. 8:20-21 My '68.

Livov, D. - Economic problems of the technical policy in machinery manufacturing. Plan. khoz. 48 no. 1:47-53 Ja '69.

Livov, M. S. - Technical conference on new processes and equipment in the arc welding of metals. Svar. prom. no. 9:56-57 S '68.

Lyubchik, I. P. - Philosophical aspects of the "quality" and "properties" concepts in industrial production. Stand. i kach. 33 no. 11:23-24 D '68.

Makalimov, I. U., Shakhmurov, V. S. - Some characteristics of network schedule graphs. Stroi. stroyprom. 8 no. 4:23 M '68.

Makalimov, M. - Efficiency coefficient. NTO 10 no. 11: 23 M '68.

Mirkin, V. I. - Experience in introducing consolidated accounts into the construction industry management. Transp. stroi. no. 8:21-23 Ag '68.

Mirskikh, Vasil. - Effect of the degree tool standardization on their production cost. Stand. i kach. 33 no. 10: 54-55 O '68.

Miroshnikov, M. V. - A system for a defect-free production of goods is in operation. Tekst. prom. 25 no. 10:12-13 O '68.

Molisev, I. U., Iarovskiy, I. - Task No. 1. Stand. i kach. 33 no. 10:22-24 O '68.

Neifeld, L. E. - RID-XIG gamma-defectoscope for control of the quality of welding joints of pipelines. Stroi. stroyprom. 8 no. 4:23 Ap '68.

Nekrasov, M. D. - Economic effectiveness of the first method of selective filling. Lev. prom. 48 no. 8: 25-27 Ag '68.

Nekrasov, M. M. - Standardization of adhesion bearing caps. Stand. i kach. 33 no. 11:24 D '68.

New from plants, factories and construction sites. Prom. Arm. 10 no. 10:70-71 '68.

Moisey, I. G. - Increasing the service life of drawing and gripping rolls on electrode-holding process. Svar. prom. no. 9:40 S '68.

Olesov, P. I. - Deficiencies in fulfilling planning objectives should be eliminated. Stroi. stroyprom. 8 no. 4:23 Ap '68.

Oshchepkov, I. A. - Immediate goals for scientific labor organizations of the building industry. Prom. stroi. 45 no. 5:2-4 '68.

Oshchepkov, I. S. - Analysis of network schedule graphs by the iteration method. Khim. i organ. prom. prof. no. 2:140-144 '68.

Ostrov, V. - Scientific Labor Organization: plans and practices. Mashinostroi. 11 no. 8:10 O '68.

Ovchinnikov, L., Orlovskiy, Kh. - Method of reclamation of industrial waste waters in carbamide resin production. Prom. Arm. 10 no. 8:15-16 '68.

Papaleko, I. G. - Progressive grades should be made available to all departments of the postal administration. Vest. stroi. 25 no. 8:11-13 My '68.

Patric, K. - The motto for science, technology and quality. Mias. ind. 30 no. 11:30-31 M '68.

Pisachov, M. M., Koshkin, K. G. - Buildings for precision machine tools. Mashinostroi. 11 no. 9:14-17 S '68.

Popovskiy, V. G., Iakov, A. S. - Economic problems of the sublimation-drying of food products. Tруды MNIIP 8:184-187 '68.

Polapenko, F. T. - Reform at the establishments of the building industry. Otkr. trade i sot. struk. 13 no. 11:24-25 Ja '69.

Preparations for the centennial anniversary of Vladimir Il'ich Lenin's birth. Mias. ind. 30 no. 11:6-8 M '68.

Proskorin, G. A. - New form of organization of the production of instruments. Tekt. i sef. Mashinostroi. no. 7:13-24 JI '68.

Radovskiy, K. - Quality criteria. NTO 10 no. 11:31 N '68.

Ratkyo, V. - Chairmen of a design office based on public participation. NTO 10 no. 11:33 M '68.

Razumova, E. L. - Quality and production of spare parts. Mashinostroi. 11 no. 8:6-7 S '68.

The Gerasimov system in action. Stand. i kach. 33 no. 10: 88-90 O '68.

Saitov, V. V., Moisey, I. U. A. - Statistical control of the level of standardized quality indices for polyvinylchloride masterbatch rubbers. Stand. i kach. 33 no. 11:31-32 D '68.

Sikonda, K. V. - An important factor to increase production efficiency. Mashinostroi. 11 no. 8:4-5 S '68.

Silovskiy, V. A., Kadishchik, T. G., Lashchinskii, I. A. - Economic efficiency of producing high-quality white wines by aging them in large hermetically sealed containers. Tруды MNIIP 8:233-234 '68.

Smirnov, S. - Development of the raw material base in the metal industry. Mias. ind. 30 no. 11:10-11 D '68.

Smolin, V. I., Trifonov, I. G. - Statistical control of refractory materials. Tsvetmet 34 no. 8:16 S-O '68.

Smolovskiy, D. I., Gerasimov, L. S. - On the increase of production of semi-brigetting plants. Torf. prom. 48 no. 10:10-11 '68.

Smolovskiy, S. V. - Determining optimal parameters of projected earthwork with the help of a network schedule graph. Avi. dor. 31 no. 11:20-21 D '68.

Socialist discipline of labor. Komsomol 46 no. 14:10-10 S '68.

Sokolov, A. A. and others. - Calculation of technical and economic efficiency of belt-and-belt-chain conveyors. Par. opyt v stroi. i ek. struk. 25 no. 4:144-151 '67.

Strel'tsov, I. G., and others. - Semiautomatic unit for nondestructive quality control in heat treatment. Avi. prom. 34 no. 8:34-36 Ag '68.

Strolyukov, V. I., and others. - Controlling the quality of the metal of heating surfaces and pipelines of the 300 MW heatwork block of the "Troitsk" State Regional Electric Power Plant during the assembly period. Energ. stroi. no. 7:15-20 '67.

Sviridovskiy, I. L. - Preparations for work under the new conditions of planning and economic stimulation. Tek. i kach. 34 no. 1:41-43 Ja '69.

Thanks to the glass and ceramic industries in 1967. Tek. i kach. 34 no. 1:1-3 Ja '69.

060.2 (Continued)

- Oskorov, I. S., Oskorov, I. U. A., Barinova, R. R. - Systems of remote-control protection of train sets on racing-and-departure tracks. *Khisl. dor. transp.* 48 no. 10:87-89 O '67.
- Oskorov, A. B., Lazarevich, I. U. M. - Switching operations and traffic safety rated by the established size. *Khisl. i spl. shpa* 12 no. 7:34-37 JI '68.
- Oskorov, A. D. - The life of the crossing alarm bell has been increased. *Avtom., telek. i svyaz'* 12 no. 11: 40 M '68.
- Ovinnikov, A. I. - We are eliminating the faults of BRP-62M and BRP-63M train radio communication equipment. *Avtom., telek. i svyaz'* 12 no. 11:35-37 M '68.
- Pavlov, V. I. - Mathematical model of an information transmission system. *Vest. TSSU MPE* 27 no. 4: 54-59 '68.
- Petrovskii, N. A. - Change in the direct of a strip for recording the time characteristics of rays in Dk-28 stages. *Avtom., telek. i svyaz'* 12 no. 10:32-33 O '68.
- Petrovskii, V. K. - Automatic equipment of traffic control. *Khisl. dor. transp.* 49 no. 10:30-35 O '67.
- [Railroad transportation] Ref. zhurn. *Khisl. dor. transp.* no. 12 D '68.
- Rubtsov, A. M., Rukov, O. T. - Reserves in action. *Khisl. dor. transp.* 49 no. 10:34-34 O '67.
- Relay-type electric clocks. *Avtom., telek. i svyaz'* 12 no. 10:43 O '68.
- Rogachevskii, A. S., Orlov, I. U. P. - Small shipments are included in a new manner. *Khisl. dor. transp.* 49 no. 10:32-34 O '67.
- Semenov, M. M. - Branch of economy built score. *Khisl. dor. transp.* 49 no. 10:3-5 O '67.
- Shchegolev, K. B. - Study of systems for linking communication channels with electronic digital computers. *Vest. TSSU MPE* 27 no. 3:58-62 '68.
- Shchegolev, L. O., Shchegolev, M. G. - Collimated braking of a set of cars on brake-shoe dropping positions. *Khisl. dor. transp.* 49 no. 10:34-37 O '67.
- Shchegolev, V. P. - Determining the expenditures of car-bowers under different plus variants for forming sectional and pick-up freight trains. *Vest. TSSU MPE* 27 no. 3: 63-68 '68.
- Shchegolev, I. U. A. - Calculation of engineering and economic efficiency of centralized traffic control using digital computers. *Avtom., telek. i svyaz'* 12 no. 11: 17 M '68.
- Shchegolev, V. L. - Use of logical circuits in the preparation of work programs in increasing operational reliability. *Avtom., telek. i svyaz'* 12 no. 10:14-19 O '68.
- Telegraph interlock computer. *Avtom., telek. i svyaz'* 12 no. 10:24-24 M '68.
- Tolstokhov, M. M., Shchegolev, B. L. - Sources of growth of labor productivity. *Khisl. dor. transp.* 49 no. 10:34-41 O '67.
- Vologin, V. A. - Conditions of during high-speed traffic of current collection with contact suspension. *Vest. TSSU MPE* 27 no. 3:27-28 '68.
- Kharashev, A. I. - Improving procedure of calculating landing costs. *Khisl. dor. transp.* 49 no. 10:70-82 O '67.
- Shchegolev, V. L., Oskorov, M. D. - With high speeds. *Khisl. dor. transp.* 49 no. 10:18-20 O '67.

064.2 (471.21)—Ukrainian Province

- Pitain, V. M. - Railroad line which transformed a region. *Khisl. dor. transp.* 49 no. 10:30-32 O '67.
- 064.2 (471.21)—Moscow City
- Kolpakchikov, G. M. - Rich Cities. *Vop. ist. KPSS* no. 1: 107-107 '68.
- Petrov, L. A. - Moscow should have diagonal railroad lines. *Gor. khoz. Mosk.* 43 no. 2:18-21 F '68.

064.3 Pipeline

- Koberev, K. G. - Comments on Technical Specifications and Norms for the design of hydraulic of granular materials using steel pipes. *Gidrot. i st. no. 10:34-35 O '68.*
- [Pipeline transportation] Ref. zhurn. *Trub. transp.* no. 11-12 M-D '68.

064.4 Marine water transport

- Agapov, D. I. - Indices of vessel chartering. *NIKI (Prilozh.)* no. 14:98-102 '68.
- Babitskii, I. - International containerized transport. *Voen. i org.* 48 no. 1:40-43 '68.
- Galkov, K. A. - Reliability of using various type ships and barge trains. *Trudy TSSU MPE* no. 2:148-144 '68.
- Kisilov, L. V. - Method of defining the influence on fuel economy of each one of its determining factors. *Trudy TSSU MPE* no. 2:104-110 '68.
- Kirdeev, V. P. - Optimization of fleet spacing by lines for justification of the network of tank vessel types for prospective needs. *Trudy TSSU MPE* no. 2: 111-115 '68.
- Miron, V. A., Padoeva, T. A. - Economic reform and the legal situation of a shipping enterprise. *Trudy TSSU MPE* no. 2:11-14 '68.
- Mironov, V. L., Kostylev, G. A. - Disciplinary responsibility according to the Code on the Discipline of workers in the U.S.S.R. *Maritime Marine*. *Trudy TSSU MPE* 14 no. 2:98-102 '68.
- Mironov, V. L. - Legal problems of work incentives for workers in the merchant marine. *Trudy LVT* no. 2: 87-90 '67.
- Mironov, V. M. - Method of determining the optimum capacity of vessels. *Trudy TSSU MPE* no. 2:14-14 '68.

Ref. zhurn. *Avtom. i svyaz'* 12 no. 10:30-32 O '67.

064.7 Air transport

- [Air transportation] Ref. zhurn. *Voen. i org.* no. 12 D '68.
- Berestov, V. - Airflight to America. *Voen. vresh.* 28 no. 20:18-20 D '68.
- 064.7 (73)—United States of America
- Berestov, V. - Airflight to America. *Voen. vresh.* 28 no. 20:18-20 D '68.

064.8 Mail Post

- Krasnitskii, F. I. - Capital assets of the mail service and ways of improving their use. *Vest. svyaz'* 25 no. 5:3-4 My '68.
- Pavlovskii, I. G. - Progressive practice should be made available to all departments of the postal administration. *Vest. svyaz'* 25 no. 5:11-12 My '68.

064.9 Printing, Stamp, Philately

- Il'inski, V. - Ratios of time. *Mol. koms.* no. 10:162 '68.
- Ponomarev, V. V. - Scientists and astrologers on postage stamps of the world. *Znan. i vesel.* no. 6:68-69 8-9 '68.

067 Accounting Bookkeeping

- Bogdanovskii, S. A. - Pay rates for completed work in major repairs of residential buildings. *Gor. khoz. Mosk.* 43 no. 1:18-22 Ja '68.
- Kislov, G. - Bank work in accounting the current operations. *Dem. i koms.* 24 no. 11:31-37 M '68.
- Savitskii, V. B., Krasnitskii, F. I., Didenko, T. V. - Organizing internal business accounting for petroleum pipelines. *Transp. i khoz. st. i delat. st. no. 2:15-22 '68.*

067 (477)—Ukrainian S.S.R.

- Vasilenko, K. P. - Introduction of standard accounting in enterprises of heavy machinery manufacturing. *Khoz. i org. prom. prov.* no. 2:22-23 '68.

067 (478)—Moldavia S.S.R.

- Troshchak, M. - Consolidation of payments is the problem of today. *Dem. i koms.* 24 no. 11:27-28 M '68.

067 (478.24)—Azerbaijan S.S.R.

- Alkhasov, A. I. - Development of work on interindustry balances in Azerbaijan. *Za izkh. prog.* 8 no. 10:43-47 O '68.

068 Business, trade and shop management and techniques

- Amirbekov, S. - The economic reform and the initiative of the enterprises. *Vop. ekon.* no. 12:38-34 D '68.
- Brilovskii, B. A., Brilovskii, A. A. - Preparation of an expedient form for the "accounting-requisition" card used for commercial pharmacies. *Pharmazie* 17 no. 4:48-47 Ji-Ag '68.
- Kishin, V. A. - Quantitative analysis of the economic effect obtained by the introduction of plasticizer models. *Inv. vva. sobsh. svy.* st. i svyaz'. 10 no. 11:103-105 '67.
- Petrovskii, M. I. - Development of research in the organization of construction during the years of Soviet rule. *Inv. vva. sobsh. svy.* st. i svyaz'. 10 no. 11: 80-100 '67.
- Popov, K. L. - Automatic control of the house-building schedule at "Otkrestov" Member Com. *Inv. vva. sobsh. svy.* st. i svyaz'. 10 no. 11:108-112 '67.
- Pyshchikov, S. P. - Methods for determining the effect of changes in a component on the effectiveness of fixed assets in the shoe industry. *Inv. vva. sobsh. svy.* st. i svyaz'. 10 no. 11:124-128 '68.
- Ufer, P. M., Gorodkovskii, V. L. - Signatures and special prescription blocks. *Pharmazie* 17 no. 4:48-50 Ji-Ag '68.
- Vasilenko, A. - Businesslike approach to party leadership. *Part. zhurn.* no. 12:18-20 Ji '68.
- Zarifina, V. - Relationship of production and warehouse stocks. *Proc. Arm.* 10 no. 10:38-41 '68.

068 (438)—Hungary

- Kisai, Dnyai. - Economic reform in the Hungarian People's Republic. *Sov. gos. i privo* no. 11:108-110 M '68.

068 (477)—Ukrainian S.S.R.

- Borisev, B. P. - Dissemination of economic knowledge is a very important form of the party's struggle for the economic development of industry during the seven-year plan, 1959-1965. *Vest. svyaz'* 14. KPSS no. 10:30-34 '67.

068.1 Form of business enterprise. Finance

- Borisevskii, M. - Norms for supplementary deductions to incentive funds. *Plan. khoz.* 43 no. 1:81-84 Ja '68.
- Finances of a primary organization. *ITO* 16 no. 11:18-31 M '68.
- Kaluzhnyi, I. U. P. - Economic reform and effective utilization of capital assets. *Avt. prom.* 24 no. 8:1-2 S '68.
- Korovin, A. - Some problems in the economic reform. *Plan. khoz.* 43 no. 12:44-46 D '68.

Levin, M. - Finance and norms. *Plan. khoz.* 43 no. 12:44-46 D '68.

- Mamonov, G. T. - Use of off-budget promotion fund. *Les. prom.* 48 no. 8:22-25 Ag '68.
- Medvedev, I. A., Kobylshov, I. I., Brudnov, A. B. Cost accounting interrelationship between blast plants and steel foundries. *Metallurg* 13 no. 12: 17 '68.
- Panova, M. - The production development fund. *Khoz.* 45 no. 12:48-55 D '68.
- Pastornak, I. Z. - New regulations for the financial construction. *Mol. i koms.* 24 no. 4:4-5 Ap '68.
- Shchedink, V. - Methods accounting in a branch in production management. *Vop. ekon.* no. 12: 24-4.
- Shchegolev, V. - Use working capital efficiently. *Sov. promyshl.* 24 no. 17:27-28 Y '68.
- Topitskii, V. A. - Determining the cost of carrying refrigerated cargo by the transport fleet. *Rys. i* 44 no. 12:87-88 Ji '68.
- Yashkov, S. - Symposium of economists in the U.S. and the Democratic Republic of Germany. *Vop. i* no. 12:47-149 D '68.

068.1 (471.23)—Leningrad City

- Kharov, T., Ilyashova, M. - "Profitable" and "unprofitable" goods. *Rov. i org.* 43 no. 12:7-9 D '68.

068.1 (471.45)—Volgograd Province

- Ivinakina, K. - Unaccounted losses in trading credit; basis of turnover. *Plan. i koms.* 28 no. 11:44-46 J

068.2 Establishments. Works, plants and equipment

- Borisov, V. A., Gorodkovskii, I. A., Reznik, G. V. - Use of capital production assets of the Ukrainian socialist Trust. *Voen. i org.* no. 3:62-66 '67.
- Chashchev, V. T., Gnyazov, T. A. - Use of matrix in intraplan planning. *Report No. 3. Inv. vva. svy.* st. i svyaz'. no. 5:18-18 '68.
- Fyumin, G. L. - From forestry of mass production. *I* prov. no. 11:15-16 M '68.
- Lasev, V. - Most important new construction sites in Agitator. *no. 12:1-10 Ja '68.*
- Kolegov, R. M. - Determining the economic efficiency of introduction of new equipment. *Khoz. i org. prom.* no. 2:18-18 '68.
- Mironov, V. K. - Party guidelines in initiating the need of literature on history of factories and mills in the U.S.S.R. *Vop. ist. KPSS* no. 1:78-80 '68.
- Technological creativity of youth. *Khoz. i org. i st. i svyaz'* 12 no. 12:2-22 Ja '68.
- Vasilenko, I. A., Kopylov, V. V. - Redesigning of the production of different loss. *Ist. i org. no. 11: 18 M '68.*
- Zhezhin, V. - Modernization with minimum of expense. *Mol. i koms.* 28 no. 11:30-32 M '68.

068.3 (477)—Ukrainian S.S.R.

- Chetvorikova, V. M. - Prevention of suppurative skin diseases due to microtrauma at the Dnepropetrovsk Metallurgical Plant named after Karl Lashchinski. *Khm. khir.* no. 1:48-40 Ja '68.

068.3 Personnel. Human relations

- Asilov, S. - Labor, generalization, introduction. *Sov. zhurn.* 16 no. 10:18-20 O '68.
- Nabatiev, N. - Night and industrial noise. *Trud. Arm.* 10 no. 8:87 '68.
- Cheremov, M. - Leader and the community of mine. *Sov. zhurn.* 16 no. 10:86-87 O '68.
- Dudkov, L. M. - Methods of statistical study of the use of personnel. *Uch. zap. po stat.* 12:122-124 '67.
- Dokoslov, V. Knowledge, initiative, and responsibility. *St. i svyaz'* 10. 30 no. 10:14-18 O '68.
- Gavrilov, I. - Road construction for many years of socialist labor. *Avt. dor.* 31 no. 2:2-3 '68.
- Ushakov, V. A. - Improving planning for the number of basic workers and the piece-rate wage fund in the use of large equipment with the aid of electronic computer. *Khoz. i org. prom. prov.* no. 3:104-104 '68.
- Klimin, I. M. - The telecommunication workers are improving their qualifications. *Vest. svyaz'* 26 no. 5:26-27 My '68.
- Kamilov, M. I. - The Dnepropetrovsk factory in the third year of the five-year plan. *Trud. prom.* 43 no. 4-7 '68.
- Kil'matov, R. P. - Scientific organization of engineering work. *Avt. dor.* 31 no. 2:18-18 A '68.
- Lakhtinov, I. - Uranian steel sheet makers. *Metallurg* 13 no. 12:30 D '68.
- Lorshikov, V. A. - Organization of shift working method in the group methods of labor. *Lit. i org. no. 11:7-11 M '68.*
- Mironov, M. - Scientific organization of labor and the law. *Khoz. i org. i st. i svyaz'* 12 no. 12:34-36 Ja '68.
- Moskharov, G. - Making use of all possibilities. *Sov. zhurn.* 16 no. 10:8 O '68.
- Parish, O. P., Chistov, B. I. - Safety in gunnery-artillery. *Mashinostroitel'* no. 9:38-39 S '68.
- Reiko, L. I., Grossberg, M. B., Polushkina, L. M. - Industrial hygiene in using core bladders of nitric acrylic acid. *Lit. i org. no. 1:48 Ja '68.*
- Reiko, V. L., Polushkina, V. A. - Our experience in strengthening the scientific organization of labor. *Mashinostroitel'* no. 9:11-13 S '68.
- Safety rules in ammonia refrigerating plants. Part 2. *Khm. i koms.* 48 no. 10:23-23 O '68.
- Shchegolev, A. - A sociological attitude in a shop. *ITO* 30 no. 11:18-11 M '68.
- Shchegolev, V., Shchegolev, B., Shchegolev, G. - Work of mine foremen should be organized. *Sov. zhurn.* 16 no. 10:11-12 O '68.

000.3 (Continued)

- Glazinger, G.E. - Use of mathematical methods in solving managerial work problems. Uda. zap. po stat. 13: 90-122 '67.
- Tolkacheva, M.M., Shadrin, B.I. - Sources of growth of labor productivity. Ekol. dor. transp. 49 no.10:34-41 O '67.
- 000.3 (471.31)—Moscow Province
Gerasimov, A. - A businesslike approach. Ochr. truda i sota, strakh. 13 no.13:20-22 Ja '69.
- 000.3 (471.43)—Krytyashev Province
Ivanov, A. - Dictated by concern for the people. Sov. profsoyuz 34 no.17:4 S '68.
- 000.3 (471.53)—Perm Province
Krasov, A. - Word about discipline. Ochr. truda i sota, strakh. 12 no.11:1 Ja '68.
- 000.3 (474.3)—Leningrad S.S.R.
Ishits, G. - The practice has been approved. Ochr. truda i sota, strakh. 13 no.12:27-28 Ja '68.
- 000.3 (477)—Ukrainian S.S.R.
Nesvii, I. - Self-organization of the specialists. Ochr. truda i sota, strakh. 13 no.11:17-18 Ja '68.
- 000.3 (571)—Astoria R.S.F.S.R.
Time to move forward! Sov. profsoyuz 34 no.17:11-14 S '68.
- 000.6 Production management and control
Aganbakhian, E. - Attention should be centered on the quality of production. Prom. Arm. 10 no.8:58-70 '68.
- Alapetian, G., Gukasyan, Zh., Arutunyan, R. - Neutralizing and utilization of industrial waste gases containing sulfur. Prom. Arm. 10 no.8:10-11 '68.
- Alashovskiy, A.A., Gukasyan, A.A., Ashikyan, M.A. - Chemical processing of the tails of sulfur iron-chromium ore obtained by magnetic separation concentration. Part 4. Treatment of hydrochloric solutions of tails with potassium. Arm. khim. zhur. 19 no.4:204-206 '68.
- Alkhasov, V., Mikhailov, L. - Good counselors. NTO 10 no.11:29 M '68.
- Alkhasov, V.B. - Experience in rapid mining at the "Lutninskaya-Sovetskaya" Mine. Pered. opyt v stroit. ekspl. shakht. no.4:24-27 '67.
- Antonuk, I. - Work in the field of scientific organization of labor. Mias, ind. SSSR. 39 no.11:7 D '68.
- Arutunov, V. - Once more on cooperation and specialization in the production of parts. Prom. Arm. 10 no.10:38-39 '68.
- Atkhey, A.I. - Important discussion. Stand. i kach. 33 no.13:54-55 O '68.
- Babich, M. - Three propositions of the efficiency promoters of the "Armenet" Oil Field Administration. Naftnik 13 no.12:5-16 D '68.
- Barenis, D.P. - Cost and quality of general overhaul of equipment. Stand. i kach. 33 no.11:80-81 D '68.
- Baryssovskiy, A. - Economic reform in enterprises of the meat industry. Mias, ind. SSSR. 39 no.11:4 M '68.
- Bevova, A.I. - Storage, registration and use of a collection of documentation of engineering standards. Stand. i kach. 33 no.13:50 D '68.
- Bobrysh, E.P. - Experimental-technological sessions and groups: a progressive form of introducing advanced experience. Mias, ind. SSSR. 39 no.11:27-28 N '68.
- Boryshov, M. - Stand on guard of labor laws. Sov. shakht. 15 no.10:20-21 O '68.
- Budshansk, M.L. - Exceeded rated capacity of basic equipment. Tsvetmet 34 no.8:15-18 S-O '68.
- Davy, I.U.S., Makshakov, K.A. - Calculating the number of repair workers. Mashinostroi. no.8:45 S '68.
- Djordjev, G.D., Volosov, S.F. - Problems of quality improvement and active control in the machinery construction industry. Stand. i kach. 33 no.10:43-48 O '68.
- Chakoy, A.I., Petrovich, V.M. - Quality of coal production established by consumer demand for 1968-1969. Torf. prom. 45 no.10:11-11 '68.
- Chelpanov, A., Radkina, V. - An acquiring idea. Naftnik 13 no.14:13-14 O '68.
- Chernomirskiy, V.A. - Proposals regarding production volume indices in foundries. Lit. protv. no.10:18-17 O '68.
- Dukhina, M.L. - On the road of technical progress. Stroit. mal. 14 no.11:7-18 M '68.
- Dolbikov, V. - Soviet-made products is a quality product (State inspection on the quality of export products). Stand. i kach. 33 no.10:91-93 O '68.
- Dogarskaya, S.B. - Capital construction in the petroleum production industry ought to be speeded up. Stroit. truboprov. 11 no.4:12-13 Ap '68.
- Dorba, V. - Most effective way of achieving victory of communism. Komsomol 46 no.14:11-21 S '68.
- Dubrovskiy, V.V. - Deviations in the normative documents of the All-Russian Central Construction Office from existing standards. Stand. i kach. 33 no.10:36-37 O '68.
- Dukis, V.A. - Quality problems of industrial products. Stand. i kach. 33 no.13:38-37 D '68.
- Efremov, K., Derbisher, A., Amirkhanov, F. - Planning and providing economic incentives for improving the quality of industrial products. Mias, ind. 46 no.1:53-49 Ja '67.
- Kashin, D., Volokh, V. - Work under new conditions. Naftnik 13 no.11:11-12 D '68.
- Kharashev, B.S., Zaitseva, M.I. - Teeth Section of central laboratories of ferrous metallurgy plants. Zav. lab. 34 no.8:1033-1036 '68.
- From a play to business. NTO 10 no.11:13 N '68.
- Oladi, V.P. - Economic relations between organizations should be regulated. Stroit. truboprov. 11 no.4:18-23 Ja '68.
- Ovchinnikov, P.A., Sokolov, V.I. - Quality control of abrasive products. Stand. i kach. 33 no.10:48-49 O '68.
- Oller, I. - How to organize the fight against rejects. Stand. i kach. 33 no.12:89 D '68.
- Orlovskiy, E.A. - Index of the production volume in foundries. Lit. protv. no.10:14-16 O '68.
- Ostrik, V.A., Cherkashin, A.A. - Regular work councils constitute production management schools. Mashinostroi. no.8:3-5 '68.
- Osvobodil, A. - Fourth year of the five-year plan. Agitator no.11:4-17 Ja '68.
- Iakub, G.F. - System of estimating design quality. Stand. i kach. 33 no.13:38-40 D '68.
- Iakovlev, V.L. - Some problems in determining the economic efficiency of introducing high-grade tractor tires. Stand. i kach. 33 no.13:81-82 D '68.
- Iglov, I.G., Sapozhnik, I.U.K. - According to engineering charts. Avt. dor. 31 no.8:14-15 S '68.
- Ilyashenko, I.A. - Efficiency of capital assets in the coal industry. Pered. opyt v stroit. ekspl. shakht. no.4:71-74 '67.
- Ishkov, A.S., Khmelenko, M.K. - Problems of the industrial organization, production quality, and productivity of wine-making enterprises. Trudy MNIIP. 8:236-248 '68.
- Ivanov, N. - Dual trends of machinery and technology improvement in the glass and ceramic industry. Mias, ind. SSSR. 39 no.11:18-19 D '68.
- Ivanov, E.G. - New method of organizing the labor of the technical personnel of the Kryptovet telegraph office. Vest. svyaz 26 no.5:5-6 My '68.
- Kalinin, O.Zh., Karmashenko, V.V. - Evaluating the quality of a gas pipeline being laid into operation. Stroit. truboprov. 11 no.4:24-26 Ap '68.
- Kashtanov, U., Myasnikov, S. - Maximum use of industrial potentials. Mias, ind. SSSR. 39 no.11:21-23 M '68.
- Khachatryan, G., Tigranov, T., Khachatryan, A. - Problems of efficient use of equipment. Prom. Arm. 10 no.10:32-34 '68.
- Khakhalia, A.M., Ivanova, L.G. - New potentials in steelmaking cost and profitability of steelmaking in a transition to new conditions of work. Metallurg 13 no.13:10-21 O '68.
- Kharashev, M.P. - Control of chain strength. Stand. i kach. 33 no.10:85 O '68.
- Khrushchev, L.R. - Quality of production and effectiveness of capital investments. Stand. i kach. 33 no.13:45-48 D '68.
- Khrushchev, G. - Planning for production and marketing of industrial products. Mias, ind. 46 no.12:10-11 D '68.
- Kolobayev, M.S., Burdakov, E.L., Fedotina, P.V. - Introduction of continuous operation planning to repair facilities. Uda. zap. Mord. gos. un. no.6:175-81 '67.
- Konin, A. - Growth of the industry and specialization of people controlling it. Mias, ind. SSSR. 39 no.11:12-15 D '68.
- Konov, R.P., and others. - Effect of the pouring method on the quality of 1708 steel. Metallurg 13 no.13:18-19 D '68.
- Kopylov, V.T., Kozlov, N.B. - Rates of the increase of labor productivity in the leather and rubber industry of the U.S.S.R. Trudy VNIIS. 39 no.13:13-17 '68.
- Krasovskiy, A.I., Krasovskiy, R.L. - Experience in using a collection of documentation of engineering standards. Stand. i kach. 33 no.13:54 D '68.
- Kozlov, M.M. - Some problems of the profitability of the cotton and staple fabrics production. Tekst. prom. 33 no.10:11-13 O '68.
- Krasovskiy, I.A. - Brief results of carrying out the plan during the 8-months of 1968. Mias, ind. SSSR. 39 no.11:20-21 M '68.
- Kryukovskiy, F.I. - Capital assets of the small services and ways of improving their use. Vest. svyaz 26 no.5:6-7 My '68.
- Kulik, T.M. - Improvement of labor conditions and of industrial organization leads to increased productivity. Tekst. prom. 33 no.10:8 O '68.
- Kulits, L.O. - Methodology for evaluating the quality of industrial production. Stand. i kach. 33 no.13:30-31 D '68.
- Kuperman, I.A.M. - Economic levers in construction. Stroit. trub. 11 no.3:2-5 Mr '68.
- Kurik, I.E. - Urgent problems in connection with capital repairs. Les. prom. 46 no.8:13-14 Ag '68.
- Kuznetsov, V.V. - Standardization and utilization of technological equipment in the machinery construction industry. Stand. i kach. 33 no.10:31-34 O '68.
- Lagunov, A.V. - Potential capacities are put in action. Tsvetmet 34 no.8:13 S-O '68.
- Laidi, I.A. - Economic aspects of standardization activities at the Metallurgical Combine "V.I. Lenin". Stand. i kach. 33 no.10:85-86 O '68.
- Lit. as lighted the organizational structure and discipline a review of letters. Komsomol 46 no.14:108-110 S '68.
- Lisitsyn, V.B. - Experience in the mechanization of material and equipment supply operations in instrument manufacturing plants. Priboirostroenie no.8:28-33 S '68.
- Listing of standards in the standardized system of engineering documentation. Stand. i kach. 33 no.13:38-37 D '68.
- Lobachevskiy, M. - Day of the Scientific and Technical Society Activist. NTO 10 no.11:34 M '68.
- Lokash, P. - Results of work under new conditions. Mias, ind. SSSR. 39 no.11:21-21 N '68.
- Lukin, K.D. - Use of the falling about socialist state industrial enterprises at telecommunication enterprises. Vest. svyaz 26 no.8:20-21 My '68.
- L'vov, D. - Economic problems of the technical policy in machinery manufacturing. Mias, khim. 46 no.1:47-48 Ja '68.
- L'vov, M.S. - Technical conference on new processes and equipment in the arc welding of metals. Svar. protv. no.9:66-67 S '68.
- Lysobagla, I.P. - Philosophical aspects of the "quality" and "properties" concepts in industrial production. Stand. i kach. 33 no.13:16-28 D '68.
- Makshakov, I.U.L., Shchegolev, V.M. - Some characteristics of network schedule graphs. Stroit. trub. 11 no.3:23 Mr '68.
- Makshakov, M. - Efficiency coefficient. NTO 10 no.11:23 N '68.
- Minkina, V.L. - Experience in introducing consolidated accounts into the construction industry management. Transp. stroit. no.8:11-22 Ag '68.
- Mironov, V.I. - Effect of the degree of standardization on their production cost. Stand. i kach. 33 no.10:86-87 O '68.
- Mironov, M.V. - A system for a defect-free production of goods in operation. Tekst. prom. 33 no.10:13-13 O '68.
- Molisev, I.U., Krasovskiy, I. - Task No.1. Stand. i kach. 33 no.10:88-88 O '68.
- Mel'nikov, I.R. - RID-RIG gamma-defectoscope for control of the quality of welding joints of pipelines. Stroit. truboprov. 11 no.4:30 Ap '68.
- Mikrasov, M.D. - Economic effectiveness of the first method of selective filling. Les. prom. 46 no.8:23-27 Ag '68.
- Mekrasov, M.M. - Standardization of self-rotation bearing caps. Stand. i kach. 33 no.13:49 D '68.
- Nov. from plants, factories and construction sites. Prom. Arm. 10 no.10:70-71 '68.
- Novikov, I.G. - Increasing the service life of drawing and gripping rolls on electrode-biting presses. Svar. protv. no.9:40 S '68.
- Olesov, T.I. - Difficulties in fulfilling planning objectives should be eliminated. Stroit. truboprov. 11 no.4:13 Ap '68.
- Ostrikov, I.A. - Immediate goals for scientific labor organizations of the building industry. Prom. stroit. 45 no.8:2-4 '68.
- Ostrikov, L.S. - Analysis of network schedule graphs by the Horvath method. Khim. i argum. prom. protv. no.7:140-144 '68.
- Ostrov, V. - Scientific Labor Organization plans and practices. Naftnik 13 no.11:9 O '68.
- Ovchinnikov, L., Grigorov, R. - Method of roasting of industrial waste waters in certain resin production. Prom. Arm. 10 no.8:18-18 '68.
- Papirnikov, I.G. - Progressive practices should be made available to all departments of the postal administration. Vest. svyaz 26 no.5:11-12 My '68.
- Peiris, K. - The motto is science, technology and quality. Mias, ind. SSSR. 39 no.11:20-21 N '68.
- Plisinsk, M.M., Katskhala, K.O. - Buildings for precision machine tools. Mashinostroi. no.9:14-17 S '68.
- Pokrovskiy, V.G., Ishkov, A.S. - Economic problems of the substitution-drying of food products. Trudy MNIIP. 8:104-117 '68.
- Potapenko, F.T. - Reform at the establishments of the building industry. Gos. khim. Mosk. 48 no.1:24-28 Ja '68.
- Preparations for the centennial anniversary of Vladimir Ilich Lenin's birth. Mias, ind. SSSR. 39 no.11:5-5 M '68.
- Proskurnik, G.A. - New form of organization of the production of instruments. Trakt. i avtomatiz. no.7:33-34 Ji '68.
- Radovskiy, K. - Quality criteria. NTO 10 no.11:31 N '68.
- Radyko, V. - Chairman of a design office based on public participation. NTO 10 no.11:33 M '68.
- Razumov, E.I. - Quality and production of spare parts. Mashinostroi. no.8:5-7 S '68.
- The Parov system in action. Stand. i kach. 33 no.10:88-90 O '68.
- Shitov, V.V., Melnikov, I.U.A. - Statistical control of the level of standardized quality indices for polyvinyl chloride mastic rubber. Stand. i kach. 33 no.13:31-34 D '68.
- Shkoda, X.V. - An important factor to increase production efficiency. Mashinostroi. no.9:4-5 S '68.
- Shchegolev, V.A., Raditskiy, Y.G., Lyubimovskiy, I.A. - Economic efficiency of producing high-quality white wines by aging them in large harmonically sealed casks. Trudy MNIIP. 8:233-234 '68.
- Smirnov, S. - Development of the raw material base in the meat industry. Mias, ind. SSSR. 39 no.12:30-31 D '68.
- Shubin, V.L., Triakina, I.I. - Efficient use of refractory materials. Tsvetmet 34 no.8:18 S-O '68.
- Shukhman, D.I., Greshkov, L.B. - On the increase of production of post-briquetting plants. Torf. prom. 45 no.10:19-21 '68.
- Skoropiatova, E.V. - Determining optimal parameters of projected cartwork with the help of a network schedule graph. Avt. dor. 31 no.12:10-11 D '68.
- Socialist discipline of labor. Komsomol 46 no.14:18-10 S '68.
- Solov'ev, A.A. and others. - Calculation of technical and economic efficiency of belt-and belt-chain conveyors. Pered. opyt v stroit. ekspl. shakht. no.4:144-151 '67.
- Stral'cov, I.G., and others. - Semi-automatic unit for nondestructive quality control in heat treatment. Avt. prom. 34 no.8:84-86 Ag '68.
- Strel'kov, V.I., and others. - Controlling the quality of the metal of heating surfaces and pipelines of the 300 MW power block of the "Troitsk" State Regional Electric Power Plant during the assembly period. Energ. stroit. no.7:16-20 '67.
- Svetlovskiy, I.L. - Preparations for work under the new conditions of planning and economic stimulation. Stak. i kar. 34 no.1:41-43 Ja '67.
- Tasks facing the glass and ceramic industries in 1967. Stak. i kar. 34 no.1:1-3 Ja '67.

688.6 (Continued)

- Tatarikov, V. S., D'chanko, I. A. P. - Influence of coal mining technology on technical and economic indices of coal preparation plants. *Parad. opyt v stroit. ekol. shikst* no. 4:42-44 '67.
- Telegra, L. G. - Use of network schedule graphs in the construction of the line portion of pipelines. *Stroitel'stvo*, II no. 4:30-33 Ap '64.
- Veterin, E. V. - Specialization of precision casting plants in hot production. *Lit. protv* no. 1:3 Ja '60. This can be adopted to your enterprise. *Mashinostroi'tel'* no. 9:20-21 S '68.
- TKee, R. E., and others. - Potentialities for increasing the efficiency of gravity cyclic-action concrete mixers. *Engrg. stroit.* no. 3:48-48 '67.
- Vinokurov, M. A. - Manufacturing of spare parts should be improved. *Mashinostroi'tel'* no. 6:7-8 S '68.
- Tomilov, V. - Striving for high quality and reliability of products. *Stroitel'stvo*, II no. 12:48-51 D '68.
- Tkachenko, P. - Concentration of production in the milk industry. *Przem. Arm.* 10 no. 6:39-48 '68.
- Tsoli, S., Gorbachko, V. M. - Scheduling the completion of operations in a mining area. *Trudy Inst. gor. del* AN Kazakh SSR 32:23-23 '68.
- Thyris, R. - New Concepts of planning and management. *Mir, ekon. i mashinostroi'tel'* no. 11:53-73 '68.
- Turamov, S. - Development of the meat industry in the Kirgizia S.S.R. *Khim. ind. SSSR* 39 no. 10:24-28 M '68.
- Usheva, F. Kh. - Technical conference on production quality. *Stroitel'stvo*, II no. 10:35 O '68.
- Valberg, G. S. - Increased productivity of rotary kilns at higher rotation speed. *Tekhnika* 14 no. 5:13-14 S-O '68.
- Vartanov, V. G. - Analysis of network models with distributed resources. *Trudy Inst. gor. del AN Kazakh SSR* 33:111-112 '68.
- Vasil'eva, E. E. - The activity of an enterprise should be evaluated by taking into consideration the quality of production. *Stroitel'stvo*, II no. 10:48-49 O '68.
- Veger, L. L. - Efficiency of centralizing production of standardized articles to be used in a single industry. *Stroitel'stvo*, II no. 12:44-46 D '68.
- Viller, F. G. - Responsibility of design organizations for their work should be increased. *Stroitel'stvo*, II no. 10:77 O '68.
- Vladimirova, A. A. - Economic efficiency of using vitamin D3 in livestock rearing. *Trudy VNIIP* no. 10:10-12 '68.
- Vozrozhden, E. M. - Modern forms of organization of the pharmaceutical industry in capitalist countries. *Khim. i farm. shur* 2 no. 11:83-84 '68.
- Volkov, A. G., Viktorov, L. A. - They are getting ready to use a new system of management. *Vost. vestnik* 30 no. 5:7-10 My '68.
- Work time should be effectively utilized. *Part. shikst'* no. 3:44-45 M '68.
- Zakharov, M. Sh. - Interplant quality indices and the new program of incentives at enterprises of the tire industry. *Stroitel'stvo*, II no. 10:47-48 O '68.
- Zhelezova, L. G. - Growth of labor productivity and increase of equipment in a flax-spinning factory. *Tekhn. prom.* 39 no. 10:23-25 O '68.
- Zhitov, M., Pogorelov, P. - Foremost among the best. *NTO* 10 no. 11:35 M '68.
- Zil'berg, L. D. - Business accounting is the basic method of improving the work of telecommunication enterprises. *Vost. vestnik* 30 no. 4:10-11 My '68.
- Zlata, V. L. - Experience in scientific labor organization at plants of the Vishnevoporsk Ore Administration. *Tekhn. met.* 41 no. 11:14-18 M '68.
- Kolotarev, A. M., Shagay, Yu. V., Shchegolev, V. L. - Network methods as a means of operations planning and management in assembly shops. *Ekonom. i organ. prom. protv.* no. 3:46-52 '68.

688.8 (434)—Poland

- Grabowski, Bogdan. - Improving the preparation of production through industrial standardization. *Stroitel'stvo*, II no. 10:8-12 O '68.
- Grabowski, Edward. - Effect of standards on organization and quality of production. *Stroitel'stvo*, II no. 10:3-17 O '68.

688.8 (471.12)—Vologda Province

- Shivinskii, V. - Koshchik's reform and some problems of party work. *Part. shikst'* no. 31:84-89 M '68.

688.8 (471.1)—Northwestern R. S. S. R.

- Babushka, A., Marinova, F., Likhin, B. - Industrial standards under the new conditions of management. *Pha. khoz.* 46 no. 12:40-47 D '68.

688.8 (471.21)—Karelia A. S. S. R.

- Korshin, A. - An earned "Mark of Quality". *Stroitel'stvo*, II no. 11:50 D '68.

688.8 (471.31)—Moscow Province

- Abramov, L. - Honor of the trademark of a plant. *Sov. protvody* 34 no. 17:8-8 S '68.
- Koshchik, V. - Role of party groups in raising the activity of Communists. *Part. shikst'* no. 31:44-50 M '68.
- Makarov, V. - Increasing business accounting on the basis of labor intensity. *Pha. khoz.* 46 no. 12:48-51 D '68.

- Lomashov, V. - Party committees and the scientific organization of labor. *Ekonomist* 45 no. 14:94-98 S '68.

688.8 (471.34)—Corky Province

- Poper, V., Moroz, Z. - Corky skilled craftsmen. *NTO* 10 no. 12:36 M '68.

688.8 (471.4)—Tatar A. S. S. R.

- Makshakov, A. - On an oil-bearing section. *Part. shikst'* no. 13:49-50 JI '68.

688.8 (471.55)—Orenburg Province

- Kochurov, Yu. - Activities of the Scientific and Technical Council. *NTO* 10 no. 11:37-37 M '68.

688.8 (471.61)—Moscow Province

- Koshkurova, A. - Difficulties at the Taganrog Combine Plant. *Stroitel'stvo*, II no. 10:81 O '68.
- Work of the Party secretariat party committees on carrying out the decisions of the Plenum of the Central Committee of the CPSU in September 1968 on introduction of the new methods of industrial management. *Part. shikst'* no. 31:24-28 M '68.

688.8 (471.67)—Dagestan A. S. S. R.

- Kirlov, D. V. - Work efficiency promoters in the Makhachkala petroleum storage terminal. *Transp. i khoz. stroit. i stroitvo*. no. 5:30-31 '68.

688.8 (471.77)—Ukrainian S. S. R.

- Aldokha, I. P. - Analysis of using working time in machinery manufacturing enterprises. *Ekonom. i organ. prom. protv.* no. 3:2-9 '68.
- Aldokha, I. P. - Determining optimal conditions of the work of equipment in foundry production. *Ekonom. i organ. prom. protv.* no. 3:10-12 '68.
- Alex, V. A., Rataikov, M. K., Tkachenko, M. K. - Potentialities of increasing labor productivity in large shops. *Ekonom. i organ. prom. protv.* no. 3:18-21 '68.
- D'Achok, A., Melnik, A. - Technology came to the workshop. *Sov. protvody* 34 no. 11:17-18 O '68.
- Orlovskiy, E. V. - Indices of the specialization of machinery manufacturing production. *Ekonom. i organ. prom. protv.* no. 3:12-15 '68.
- Orlov, G. M. - Calculating the progressive percentage of fulfilling the output norm. *Ekonom. i organ. prom. protv.* no. 3:30-42 '68.
- Kirpichnikov, L. A. - Developing a standard base for the mechanization of planning and economic work. *Ekonom. i organ. prom. protv.* no. 3:70-77 '68.
- Kozlov, V. - Overseas Interprovincial State Control Laboratory. *Stroitel'stvo*, II no. 11:74-78 D '68.
- Kuznetsov, K. B., Kulish, S. A., Medvedev, V. M. - Improving the use of capital production funds in the coal industry of the Ukrainian S. S. R. *Ekonom. i organ. prom. protv.* no. 3:103-125 '68.
- Parfuta, L. - Workshop of craftsmen. *Sov. protvody* 34 no. 10:10-20 O '68.
- Potapenko, S. E. - Method of figuring out schedules for manufacturing parts with the aid of electronic computers. *Ekonom. i organ. prom. protv.* no. 3:88-93 '68.
- Skala, K. A., Orlovskiy, A. M., Prilutskiy, L. L. - Method of planning and organization of the repair of blast furnaces. *Ekonom. i organ. prom. protv.* no. 3:173-180 '68.

688.8 (471.8)—Donetsk Basin

- Igryumenko, P. A. - Efforts of party organizations in the Donetsk Basin to draw the miners into mass management. 1960-1966. *Mash. stroit. i tekhn. shikst'* no. 10:100-120 '67.
- They carry on plans for the scientific organization of labor. *Part. shikst'* no. 31:45 M '68.

688.8 (471.9)—Western Ukraine

- Gushakov, V. - Cybernetics service production. *Other. stroit. i tekhn. shikst'* 12 no. 11:8-8 Ja '68.

688.8 (471.8)—Moldavia S. S. R.

- Koshchik, E. - Encouragement should be extended. *NTO* 10 no. 11:4 M '68.

688.8 (471.4)—Turkmen S. S. R.

- Gushakov, L. V. - Use of working time, and important part of the scientific organization of labor. *Trudy AN Turk. SSR, Ser. obshchestv. nauk* no. 1:3-8 '68.

688.887 Utilization and control of waste, scrap, old material

- Abramov, M. - Reprocessing of sweater shags. *Przem. Arm.* 10 no. 10:83-85 '68.
- Babushka, M. A., Mikhailov, A. M. - Oxidative delustering of chromium-based leather wastes. *Izv. vyz. shkoly. khim. i tekhn. leg. prom.* no. 8:84-88 '68.
- Chapchagova, A. G., Isakov, S. I. - Determining the degree of contamination of nonferrous scrap metal. *Trudy met. i met. no. 11:88-89 M '68.*
- Chistov, A. - Let us spare the fruits of people's labor. *Agitator* no. 1:34-38 Ja '68.
- Moskalev, M. V. and others. - Planned slag installation with a tilting tank. *Stroitel'stvo*, II no. 11:8-10 M '68.
- Shchegolev, V. M., Gel'dshteyn, T. P. - Products made by oxidative leaching from the waste of copper sulphide ore dressing. *Stroitel'stvo*, II no. 11:31 M '68.
- Zhelezova, D., Stukolova, I. - Important national economic problems. *Pha. khoz.* 46 no. 11:77-83 D '68.

688.8 Commercial and trading business technique

- Bekhtemirov, L. V. - For excellent service industries. *Ger. khoz. Mosk.* 43 no. 11:10-13 Ja '68.
- For high efficiency in servicing. *Ger. khoz. Mosk.* 43 no. 11:1-1 M '68.

688.7 Buying, processing and management of stock

- Leonova, M. - Economic efficiency of direct contacts in the processing of cattle. *Mias. ind. SSSR* 39 no. 12:11-13 D '68.
- Solov'yevskiy, E. E., Dobrynya, Yu. L. - Mechanization of livestock warehousing management. *Mashinostroi'tel'* no. 9:4-10 S '68.

- Dachauer, I., and others. - Modern arrangements of storagehouses for cement and mineral fillers. *Stroitel'stvo*, II no. 10:20-23 O '68.

688.7 (471)—Ukrainian S. S. R.

- Chesnak, V. M., Strolota, A. I., Novitskiy, G. I. - Organization and planning for supplying plants with scrap metal. *Ekonom. i organ. prom. protv.* no. 3:158-172 '68.

688.6 Marketing, Selling, Distribution

- Kipornan, G. - Planning for production and distribution of industrial products. *Pha. khoz.* 46 no. 12:1-12 D '68.
- Kristalnikov, G. - How does one find an answer to the question? *Sov. long.* 42 no. 11:106 D '68.
- Malyavko, P. - Improve payment in the trade. *Ekonom. i organ. prom. protv.* no. 11:55-57 M '68.
- Podgornaya, M. - Principles of consumer policy. *Sov. long.* 42 no. 11:10-14 D '68.
- Tarivordiev, I. - On the mechanism of trade production. *Sov. long.* 42 no. 12:1-12 D '68.

688.6 (471.9)—White Russian S. S. R.

- Tsachok, S. - Polymers for the rubbers. *Ekonom. i organ. prom. protv.* no. 11:58-61 M '68.

689 Publicity, Information

- Pastorov, ID. - "Public relations" in the system of influencing the customer. *Vozrozhden* 39 no. 43 '68.

689 (403)—Machorhanda

- Chebolarevskaya, T., Imkhov, L. - In "germ" of Nov. vrom. 27 no. 3:27-28 Jan. '68.

68 CHEMICAL INDUSTRY, CHEMICAL TECHNOLOGY

- Anshelias, O. I., Chelodanov, A. A. - Study of the composition of bookbinder's leather products. *Pha. khoz.* 39 no. 6:1603-1656 Ag '68.
- Malibandias, For the expanded chemical industry. *Pha. khoz.* 39 no. 5:70-80 '68.
- Pavlov, M. - Polyurethane in chemistry. *Tekhn. i nauka* 39 no. 3:44 M '68.
- Petrov, G. - Correlation with the metallurgical and chemical industry. *Dokl. Akad. Nauk SSSR* 24 no. 11:11-12 '68.
- Arshavskiy, I. I. - The quality of acrylonitrile should be improved. *Stroitel'stvo*, II no. 11:1-12 D '68.

68 (471.18)—Kord A. S. S. R.

- Anshelias, O. I., Chelodanov, A. A. - Some problems in the development of the chemical industry in the Kord A. S. S. R. *Probl. Sov. no. 12:117-122 '67.*

68 (471)—Ukrainian S. S. R.

- Haidukov, L. Y. - Concern of Ukrainian party organizations for the intensification of production and the laboring classes during the seven years plan 1966-1990. *Mash. stroit. i tekhn. shikst'* no. 10:100-120 '67.

68 (471.36)—Armenian S. S. R.

- Koshchikov, M. - The chemical industry should be further developed. *Przem. Arm.* 10 no. 4:11-12 '68.

68.9 Chemical engineering

- Aliphan, A. E., Badalov, V. E., Arkhimen, D. S. - Continuous washing of polyvinylalcohol. *Pha. khoz.* 19 no. 4:108-110 '68.
- Andronov, M. A., Melnikov, K. M., Pavlov, I. A. - Purification of carbon tetrachloride by removing mineral impurities by ion-exchange chromatography. *Trudy IREA* no. 20:223-224 '68.
- Bromskhain, B. I., Khokhlovskiy, A. S. - Absorption of acetone by fast processing elements in the absence of mixing in phases. *Khim. i tekhn. no. 4:1222-1228 Ap '68.*
- Chernikov, V. M., Koshchikov, L. V. - Thermodynamic properties of tellurium by rectification. *Zhur. prikl. khim.* no. 4:769-770 Ap '68.
- Dobrynya, D. P. and others. - Modeling of the process of an aluminum-silicate cracking catalyst in industrial reactor during replacement of catalyst. *Zhur. prikl. khim.* no. 4:773-782 Ap '68.
- Dvornik, A. D., Obolenskiy, M. V., Il'inskiy, A. I. - Effect of flow speed on heat emission during the denaturation of propene vapors. *Dokl. Akad. Nauk SSSR* 240-41 Ja '68.
- Kamornik, K. M. and others. - Coefficients of denaturation in some semiconducting materials. *Izv. AN Azerb. SSR, Ser. fiz.-mat. nauk* 4 no. 5:1768-1769 My '68.
- Kislov, M. M. - Summary on the problem "Thermodynamic properties of chemical technology". *Tekhn. i nauka* 39 no. 3:44-47 M-D '68.
- Latugina, M. V., Molodtsov, P. Y., Orlovskiy, P. I. - Rectification processes in the system carbon tetrachloride-benzene-butyl acetate. *Zhur. prikl. khim.* no. 4:780-784 Ap '68.
- Melnikov, B. G. - Control calculation of the separation of multicomponent mixtures in a rectifying column. *Zhur. prikl. khim.* 41 no. 4:818-821 Ap '68.
- Rozov, A. M., Rozovskiy, A. I. - Mass transfer in a droplet. *Tekhn. i nauka* 39 no. 3:44-47 M-D '68.
- Resnikov, L. P. and others. - Chemical thermodynamics of complex coatings on metals. *Izv. AN Azerb. SSR, Ser. fiz.-mat. nauk* 4 no. 5:1711-1713 My '68.

60.0 (Continued)

- 60.01. M. A., Engelman, S. N., Gabrielian, R. S. - Drying of carbonized calcium metaloxide in a fluidized bed. Part I. Deduction of the diffusion equation. *Ann. khim. khim.* 19 no. 6:459-466 '68.
- 60.02. G. G., Pavlova, M. V., Titova, S. A. - Spectrophotometric microdetermination of phosphorus in the ultraviolet as a molybdovanadophosphate complex. Report No. 5. *Trudy IREK* no. 33 75-83 '68.
- 60.03. V. L., Livanova, V. P. - Process of peaking of cellulose by fractionation. *Zhur. prikl. khim.* 41 no. 4:597-603 Ap '68.
- 60.04. A. G., Melikyan, R. A., Voskresenskiy, A. N. - Acetylene sorption from products of oxidizing methane pyrolysis by copper chloride solutions. *Ann. khim. khim.* 19 no. 3:338-340 '68.
- 60.05. V. I. A., and others. - Unit for continuous thermal washing of anapoles and for cooling them with sterile air. *Khim.-farm. zhur.* 2 no. 12:43-45 D '68.
- 60.06. A. K. - Evaporator for liquid propene or butane using indirect heating. *Trudy MINKHIMP* no. 47:172-180 '64.

60.03 Chemical processes and plant generally

- 60.03. V. V. - Macrocyclic characteristics of heterocyclic catalytic reactions decolorized by conversion products, and concerning on porous catalyst grains. *Teor. osnovy khim. tekhn.* 3 no. 5:575-578 N-D '68.
- 60.04. I. M., Melnik, I. A., Shevchuk, D. B. - Erection of reaction towers by the BK-1000 lower crane with the aid of a swiveling crane. *Mosk. i spets. rab. v stroit.* 30 no. 6:12-13 Jo '68.
- 60.05. I. A., Horikawa, I. A. - Kinetics of phase interaction in a moving bed of granular material during endothermal reactions in the thermal regime. *Teor. osnovy khim. tekhn.* 3 no. 5:140-143 N-D '68.
- 60.06. M. P., Krasovskiy, V. K. - Lifting column-type apparatus with partial holds. *Mosk. i spets. rab. v stroit.* 30 no. 6:10-12 Jo '68.
- 60.07. V. I., Kravtsov, L. N. - Use of sectional plate heat exchangers in the production of antibiotics. *Khim.-farm. zhur.* 2 no. 12:38-41 D '68.

60.04 Heat transfer treatments. Furnaces

- 60.04. P. M., Viktorov, V. L., Kolosovskiy, R. K. - Studying technical, thermal, and aerodynamic parameters of a cyclonic heat exchanger system. *Trudy Giprotermo* no. 34:72-80 '68.
- 60.05. F. N. - Use of twin electric heaters for the passage delivery of refractories. *Mosk. i spets. rab. v stroit.* 30 no. 11:20-21 N '68.
- 60.06. I. E., Borodov, L. A. - Evaluating the methods for representing multicomponent mixtures as pseudobinary ones. *Teor. osnovy khim. tekhn.* 3 no. 5:235-244 N-D '68.
- 60.07. A. G., and others. - Drying of chromo-tanned leathers using infrared gas lamps. *Izv. vyz. ucheb. zav., tekhn. i tekhn. nauch. issled.* no. 5:88-101 '68.
- 60.08. I. A., V. S., and others. - Development of linking technology in the cement industry. *Trudy Giprotermo* no. 34:89-94 '68.
- 60.09. R. I., Likhov, V. A., Melnikov, V. A. - Vapor-phase mass transfer in film condensation. *Teor. osnovy khim. tekhn.* 3 no. 5:531-533 N-D '68.
- 60.10. R. F., Kuznetsov, I. G. - Experiment in building the coatings of converters for a 60 to 110 ton charge. *Mosk. i spets. rab. v stroit.* 30 no. 5:27-31 My '68.
- 60.11. M. P., Chelovach, L. L. - On the optimum design of heat exchangers. *Dokl. AN SSSR* 163 no. 1:154-155 '63.
- 60.12. V. O., Kondratyuk, G. B. - Studying the thermal field of a condenser during the condensation of water vapor in a vacuum. *Trudy MINKHIMP* 8:12-14 '68.
- 60.13. M. S. - Technological system of amylase sorption by silica gel. *Trudy VNIIP* no. 18:3-4 '68.
- 60.14. L. L., Melnik, R. M. - Using new methods in the analysis of the service life of rotary kiln linings. *Trudy Giprotermo* no. 34:126-133 '68.
- 60.15. L. V., Polivenskiy, I. A., Zhavoronkov, M. M. - Equation of the nonstationary condensation process with complete reflux and with periodic withdrawal from the reboiler. *Teor. osnovy khim. tekhn.* 3 no. 5:623-628 N-D '68.
- 60.16. V. M., Andruschenko, V. A., Stetskov, V. M. - Comparing hydrodynamic characteristics of rotary plates of various sizes. *Teor. osnovy khim. tekhn.* 3 no. 5:94-120 N-D '68.
- 60.17. P. L. - Refining the optimum thickness insulation for tanks. *Transp. i khim. nefi i nefteprod.* no. 10:11-14 '68.
- 60.18. L. R. - Use of the method of preliminary thermal treatment of coal for increasing the share in the gas coal charges. *Zhur. prikl. khim.* 41 no. 7:130-145 '67.
- 60.19. V. P., Krylov, V. S., Levich, V. G. - Numerical method of computation of turbulent boundary layer in a gas flowing around a laminar liquid film. *Dokl. AN SSSR* 163 no. 1:154-157 '63.
- 60.20. V. A., Rykova, V. D., Chelovach, E. K. - Automatic control system for the Voigt type type cooler. *Thermot* 34 no. 5:18-19 S-O '68.
- 60.21. I. T., Mikhovskiy, I. N. - Refraction effect in shockwave alignment of the axis of rotation in a rotary kiln. *Thermot* 34 no. 5:19-19 S-O '68.
- 60.22. R. Kh. - Assembly of drying drums by the rolling-on method. *Mosk. i spets. rab. v stroit.* 30 no. 11:13-13 N '68.
- 60.23. A. A. - Repairing the foundation of a furnace without shutting it down. *Thermot* 34 no. 5:19-19 S-O '68.

60.06 Working with liquids: handling, treatment

- 60.06. Baryshev, I. I. and others. - Preparation of chemically pure synthetic camphor. *Vestn. AN SSSR. Ser. khim. nauch.* no. 3:111-113 '68.
- 60.07. L. L., Baryshev, V. V. - Ionization of 3-carbene under the effect of $AlCl_3$ activated by $AlCl_3$. *Zhur. prikl. khim.* 41 no. 4:585-588 Ap '68.
- 60.08. Baryshev, D. G. and others. - Effect of coprecipitation conditions on the coefficient of microcomponent coprecipitation in the system $Kol-RbCl-H_2O$. *Radiochimia* 10 no. 3:145-150 '68.
- 60.09. Koshakov, M. P., Vasil'eva, Z. M. - Effect of dilution on the course of reaction and activity of triethoxysilane plates in the dehydration process of 1-cyclohexene-2-ol. *Vestn. AN SSSR. Ser. khim. nauch.* no. 3:88-88 '68.
- 60.10. P. V., Anisov, S. A. - Studying the processes of grape juice crystallization and clarification. *Trudy MINKHIMP* 8:145-147 '68.
- 60.11. Koshakov, V. V., Khabibov, V. A. - Stochastic model of a cascade of imperfect mixers. *Teor. osnovy khim. tekhn.* 3 no. 5:904-911 N-D '68.
- 60.12. Koshakov, V. V. - Polymer filtering devices for centrifugal machines. *Khim. mashinost.* no. 5:38-41 '68.
- 60.13. Koshakov, V. V., Mendelev, M. A. - Liquid-liquid extraction in the inversion regime. *Teor. osnovy khim. tekhn.* 3 no. 5:936-938 N-D '68.
- 60.14. Mikhov, R. A., Shchirakov, M. P., Shchirakova, T. I. - Selection of diluent in quantitative spectral analysis. *Uch. zap. Perm. gos. un.* no. 11:107-113 '64.
- 60.15. Mikhov, R. A. - All-Union scientific council on the problems of mass and heat transfer in technological processes. *Izv. fiz. khim.* 9 no. 3:273-274 Ag '68.
- 60.16. Mikhov, V. I., Petrashchik, K. A., Tregubova, T. M. - Method for depositing isomorphous surface layer. *Radiochimia* 10 no. 3:271-273 '68.
- 60.17. Mikhov, V. I., Baryshev, D. G. - Equilibrium distribution of impurities between the solid and liquid phases. Part 5: Use of the forced recrystallization method in a study of the system $Kol-RbCl-H_2O$. *Radiochimia* 10 no. 3:137-146 '68.
- 60.18. Mikhov, V. I., Mikhov, G. - Impact recrystallization and its effect on sorption. *Radiochimia* 10 no. 3:138-137 '68.
- 60.19. Mikhov, V. I. - Use of sodium pyrosulfate in the production of fermentation preparations. *Trudy VNIIP* no. 18: 1-3 '68.
- 60.20. Mikhov, A. I., Pirogov, T. A., Veselov, L. S. - Separation of small quantities of mercury and thallium by coprecipitation of thallium with iron hydroxide. *Radiochimia* 10 no. 3:239-240 '68.
- 60.21. Oskovskiy, M. V., Franko, G. T., Abramson, A. A. - Some regularities of spontaneous surface convection during extraction in the liquid-liquid system. *Zhur. prikl. khim.* 41 no. 4:503-510 Ap '68.
- 60.22. Popov, V. D., Tregub, V. G. - Crystallization kinetics from solutions in separators and crystallizers with cooling. *Khim. mashinost.* no. 5:114-115 '68.
- 60.23. Shapiro, K. I., Karov, Z. G., Koshakov, V. V. - Transport of organic compounds. *Zhur. neorg. khim.* 13 no. 3:457-461 '68.
- 60.24. Smolov, V. K., Shchirakov, I. S., Baryshev, M. K. - Use of collagen-containing waste products from leather production for the filling of chromium tanned leathers. Report No. 1. Study of the properties of acid-dissolving products and alkaline dispersions of collagen. *Izv. vyz. ucheb. zav., tekhn. i tekhn. nauch. issled.* no. 5:170-173 '68.
- 60.25. Smolovskiy, P. T. - Effect of vibrations on the heat and mass transfer in a capillary-porous material. *Khim.-farm. zhur.* 9 no. 3:207-210 Ag '68.
- 60.26. Tsubolina, A. F., Mikhovskiy, L. P., Tsubolina, E. S. - Description of gases of average solubility under foaming conditions. *Zhur. prikl. khim.* 41 no. 4:787-794 Ap '68.
- 60.27. Ushakov, L. K., Oskovskiy, P. A. - Use of ultrasound in measuring the characteristics of dispersed suspensions. *Zur. lab.* 34 no. 5:990-994 '68.
- 60.28. Zakharenko, A. S. - Optimum distance between plates in extraction columns. *Zhur. prikl. khim.* 41 no. 4:232-233 Ap '68.

60.07 Working with gases: handling, treatment

- 60.07. A. M., Goltz, B. K., Kostovskiy, E. M. - Perforation of isotactic acrylamide by the ion exchange method. *Zhur. prikl. khim.* 41 no. 4:583-583 Ap '68.
- 60.08. Belikov, M. I. - Method for technical and economical comparison of power drives in gas-pipeline compressor stations. *Trudy MINKHIMP* no. 47:134-133 '64.
- 60.09. Mikhovskiy, R. M. - Developing the methods for determining the operational indicators of gas-turbine units used for driving centrifugal superchargers. *Trudy MINKHIMP* no. 47:160-171 '64.
- 60.10. Bogatyrev, I. O., Zaboronko, K. B., Malygina, M. L. - Radiochemical analysis using ion exchange resins in mixed and nonaqueous solvents. Part 3. Comparison of conditions of anion exchange separation of some radioactive rare earth elements and yttrium-81 in aqueous-alcohol solutions containing nitric acid or methyl acetate. *Radiochimia* 10 no. 3:283-285 '68.
- 60.11. Bogatyrev, I. O., Zaboronko, K. B. - Radiochemical analysis using ion exchange resins in mixed and nonaqueous solvents. Part 3: Separation of thorium-234-uranium-144 and neptunium-237 on AV-17 anion-exchange resin in aqueous-alcohol solutions of nitric acid. *Radiochimia* 10 no. 3:280-283 '68.
- 60.12. Dykshinskiy, I. U., Brachovskiy, N. S. - Some problems of absorption of CO_2 by water in a film flow. *Teor. osnovy khim. tekhn.* 3 no. 5:248-249 N-D '68.
- 60.13. Koshakov, V. M. - Static electricity in the petrochemical and gas industries. *Trudy MINKHIMP* no. 47:113-113 '64.
- 60.14. Oskov, L. L., Tikhomirova, G. S. - Separation of trace-plutonium elements from rare earth elements on anion-exchange resin in the system ammonium rhodanide-alcohol-water. *Radiochimia* 10 no. 3:248-248 '68.

- 60.15. Ketov, A. M. and others. - Dry lime method of recovering sulfuric acid anhydride from heat and power heat. *Zhur. prikl. khim.* 41 no. 4:725-729 Ap '68.
- 60.16. Koshakov, V. G. and others. - Building welding of packing surfaces of gate valves in a shield of CO_2 . *Svar. prosv.* no. 11 32-48 N '68.
- 60.17. Removal of nitrogen oxides, sulfur dioxide and sulfuric acid mist and sprays from exhaust gases using peat-alkali sorbents under plant conditions. *Zhur. prikl. khim.* 41 no. 4:720-723 Ap '68.
- 60.18. Tsubolina, A. F., Mikhovskiy, L. P., Tsubolina, E. S. - Description of gases of average solubility under foaming conditions. *Zhur. prikl. khim.* 41 no. 4:787-794 Ap '68.

60.08 Physical and physical-chemical operations

- 60.08. G. M., Zakharenko, M. I. - Technological study of grape juice concentration by freezing-out. *Trudy MINKHIMP* 8:133-133 '68.
- 60.09. Koshakov, M. D., Koshakov, K. R. - Determining the dimensions of absorption apparatus on the basis of laboratory testing data. *Khim. mashinost.* no. 6: 103-114 '68.
- 60.10. Lutsyk, R. V., Kasanik, M. F., Shchirakova, T. I. - Study of the leather-drying process in a forced flow with simultaneous action of sound vibrations. *Izv. vyz. ucheb. zav., tekhn. i tekhn. nauch. issled.* no. 5:98-94 '68.
- 60.11. Zakharenko, M. I., Goltz, G. M. - Comparative study of changes in the chemical composition of grape juice during its concentration by evaporation and freezing-out. *Trudy MINKHIMP* 8:134-133 '68.

60.09 Special chemical processes, treatments

- 60.09. Alekperov, A., Babayeva, K. E. - Distribution of impurities in electrodeposition of molybdenum and tellurium from alcohol solutions of their chlorides compounds. *Azerb. khim. zhur.* no. 5:127-131 '64.
- 60.10. Aliev, S. M. and others. - Determination of constants of copolymerization of chloroprene on organometallic complex catalysts. *Azerb. khim. zhur.* no. 5:88-88 '68.
- 60.11. Aliev, S. M. and others. - Determination of constants of copolymerization of isopropylacetylene and styrene. *Azerb. khim. zhur.* no. 5:74-75 '68.
- 60.12. Aliev, V. E. and others. - One-step dehydrogenation of methylcyclopentane to methylcyclopentadiene over industrial catalyst K-5. *Azerb. khim. zhur.* no. 5:3-3 '68.
- 60.13. Akinov, M. A., Dzhahova, E. A., Mirzalova, M. A. - Synthesis of hydrophobic and hydrophilic surface active agents based on residues of thermal cracking of waste. *Azerb. khim. zhur.* no. 5:9-13 '68.
- 60.14. Baskakov, A. P., Goltz, L. G. - Critical resistance and critical rate of fluidization of fine-grained material in conical apparatus. *Khim.-farm. zhur.* 9 no. 3:217-220 Ag '68.
- 60.15. Brodskiy, A. M., Sontskiy, I. U. K. - Method of calculation of optimum profile of temperatures in a one-directional reactor. *Izv. vyz. ucheb. zav., tekhn. i tekhn. nauch. issled.* no. 5:973-973 '68.
- 60.16. Bronskiy, B. I. - Method for calculating the height of countercurrent packed and plate columns in the processes of selective dissolution of two-component dispersed phases. *Zhur. prikl. khim.* 38 no. 8:1733-1740 Ag '68.
- 60.17. Chernikov, A. I., Medvedev, S. S. - Kinetic polymerization of methyl methacrylate in the presence of polymers as emulsifiers. *Dokl. AN SSSR* 163 no. 5:1308-1313 '68.
- 60.18. Chelov, V. A., Mikhovskiy, M. V. - Some properties of a vibrating fluidized bed. *Khim.-farm. zhur.* 9 no. 3:190-200 Ag '68.
- 60.19. Dzhahova, E. A. and others. - Relationship between catalytic activity and adsorbability of aluminum-oxovanadium catalysts. *Azerb. khim. zhur.* no. 5:112-114 '68.
- 60.20. Dzhahova, E. A. and others. - Modeling of regeneration process of an ammonium sulfate cracking catalyst in an industrial reactor during replacement of catalyst and change of the reactor design. *Zhur. prikl. khim.* 41 no. 4:773-783 Ap '68.
- 60.21. Koshakov, A. G., Koshakov, V. E., Koshakov, E. G. - Effect of chemical composition and pH medium of precipitation on activity of chromium aluminum-oxovanadium catalysts of dehydrogenation of butane into butylene. *Azerb. khim. zhur.* no. 5:88-88 '68.
- 60.22. Goltz, A. V., Kondratyuk, M. B., Vorobey, Kh. S. - Structure and stability of a spouting fluid bed oxide apparatuses. *Teor. osnovy khim. tekhn.* 3 no. 5:979-983 N-D '68.
- 60.23. Koshakov, I. M., Shchirakov, F. I., Oskov, E. M. - Concentration of aluminum on oxysulfate from dilute solutions. *Trudy po khim. i khim. tekhn.* no. 3:190-190 '68.
- 60.24. Koshakov, T., Ryndak, V., Goltz, V. - Modification method for carrying-out of hydrolysis during the determination of tryptophane and hydroxyproline in meat. *Mikro. i tekhn.* 30 no. 12:11-12 D '68.
- 60.25. Kuliev, A. M. and others. - Synthesis and some transformations of p-bromothiolphenol. *Azerb. khim. zhur.* no. 5:77-79 '68.
- 60.26. Kuliev, V. G. and others. - Study of the polymerization of chloroprene on organometallic complex catalysts. *Azerb. khim. zhur.* no. 5:88-88 '68.
- 60.27. Mikhov, M. A., Akhmedov, I. M., Chelov, M. M. - Catalytic addition of silicon hydrides to o-2-chlorobromobenzene-2,1,1,1-tetrafluoroethane. *Azerb. khim. zhur.* no. 5: 93-97 '68.
- 60.28. Mikhov, S. D., Loshin, M. M., Shchirakov, M. Kh. - Alkylation of o-xylene by tri- and tetraalkylsilanes. *Azerb. khim. zhur.* no. 5:82-82 '68.

64.09 (Continued)

- Moravskaya, M. M., Abdullayev, M. G. - Synthesis of the ester of the acid form of trimethylsilyl oxide. *Uch. zap. Perm. gos. univ.* no. 5:45-50 '68.
- Kuznetsov, V. N., and others. - Thermal decomposition of chromic anhydride and its mixtures with crystal hydrate of iron nitrate. *Izv. vuz. khim. tekhn.* no. 9:1038-1043 '68.
- Pukhachev, V. V., Blazhkov, A. P. - Studying some statistical properties of a fluidized bed. *Teor. osnovy khim. tekhn.* 2 no. 6:822-828 N-D '68.
- Melamandzade, B. F., and others. - Study of a capacity of the vinyl esters of naphthalene acids to polymerization and copolymerization. *Azerb. khim. zhurn.* no. 5:91-93 '68.
- Mankunova, V. G., Kiseleva, S. A. - Effect of some factors on the activation of the biosynthesis of biocryol by heptylthiolanide. *Trudy VNIIS* no. 10:119-123 '67.
- Kavtashov, E. L., and others. - Dependence of the dispersion of oxide particles on the degree of deviating of artificial catalysts during the fusion. *Tsvet. med.* 11 no. 11:56-61 N '68.
- Khakhabdinakli, G. B., Odiev, A. I. - Reduction of sulfur dioxide with carbon monoxide in the presence of reduced alkalis as catalyst. *Azerb. khim. zhurn.* no. 6:133-137 '68.
- Sik, G. L., Shakhmurov, T. N., Saidov, S. - Certain kinetic regularities of dehydrochlorination of dihaloacetates and vinyl chloride on γ -aluminum oxide. *Azerb. khim. zhurn.* no. 6:103-106 '68.
- Shikhov, L. A., and others. - Synthesis and transformations of some organic and organosilicon derivatives of isopropylacetylenecarbinol. *Azerb. khim. zhurn.* no. 6:44-46 '68.
- Khalilov, E., Bekasov, A. - Ultrastructure of striated muscles during amolysis. *Mus. bel. SSR.* 39 no. 11:28-33 D '68.
- Shadrinsk, S. L. - Chlorination of titanium alloys in fused chloride salts. *Tsvet. med.* 12 no. 11:68-71 N '68.
- Strat'kov, V. V., Bilalov, V. N. - Regularities of absorption of wet materials during their treatment in a fluidized bed. *Teor. osnovy khim. tekhn.* 3 no. 6:897-903 N-D '68.
- Strizhnev, S. F., Titov, V. A. - Synthesis of trioxolobenzylidene. *Trudy po khim. i khim. tekhn.* no. 3:233 '68.
- Tomskova, M. K., Kuznetsova, L. V. - Reaction kinetics of triphenylmethyl with hydrogen peroxide. *Trudy po khim. i khim. tekhn.* no. 3:123-128 '68.
- Dzhanikov, B. A., Pyrkova, S. V., Laxarova, A. M. - Fermentation hydrolysis of starch in the production of alcohol from starch raw materials. *Trudy VNIIS* no. 10:139-149 '68.
- Vasil'eva, M. A., Proskurnikov, V. A., Chistakov, A. M. - Phosphorus oxides and of them formation from it in aqueous-alkali medium. *Zhur. prikl. khim.* 41 no. 4:582-587 Ap '68.
- Kabotina, K. P., Bozhdestvennaya, E. M. - Study of aging of polymethyl acrylate and of film formation from it. *Trudy po khim. i khim. tekhn.* no. 3:144-148 '68.
- Zelazkov, B. K., Aliev, R. M. - Synthesis of esters/plasticizers from synthetic acids. *Azerb. khim. zhurn.* no. 6:10-14 '68.
- Karavayev, E. F., Melnikova, I. K. - Phase diagrams of ternary liquid systems containing three heavy dissolving regions with upper critical temperatures of dissolution. Part 2. *Uch. zap. Perm. gos. univ.* no. 11:10-17 '68.
- Saltugurov, Z. G., Morozov, A. A., Alimov, G. I. - Study of peroxide-structural characteristics of aluminum and aluminum-strochion silicate carriers and aluminum oxide catalysts. *Azerb. khim. zhurn.* no. 6:70-73 '68.

64.10 Special chemical industries. Fine chemicals

- Alkharovskiy, Kh. M., Buzova, M. P., Vasilchenko, M. M. - Effect of preliminary acidification of aliphatic amines on flotation separation of potassium salts. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:97-101 '68.

- Chukhlova, A. V., Markina, X. M., Eshova, N. K. - Effect of solubilization of hydrocarbons on the rheological properties of aqueous solutions of saturated acid sodium salts at different temperatures. *Khisl. zhurn.* 30 no. 4:813-820 Ji-Ag '68.
- Deberg, V. A., and others. - Synthesis and study of the properties of macromolecular carboxylic ion exchange resins with N N'-alkylene diaminecarboxylic acids as cross-linking agents. *Zhur. prikl. khim.* 41 no. 4:801-807 Ap '68.
- Dobrychla, D. P., and others. - Modeling of regeneration process of an aluminum chloride cracking catalyst in an industrial reactor. *Design. Zhur. prikl. khim.* 41 no. 4:773-782 Ap '68.
- Krivosheina, M. V., Litvin, G. P. - Structure and sorption properties of aluminum chloride. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:83-88 '68.
- Krivosheina, M. V., Litvin, G. P., Shchegoleva, S. M. - Adsorption of some organic acids on oxides treated by acids and alkalies. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:120-123 '68.
- Pliginskaya, M. B., Karshik, S. A. - Use of surface-active substances in the synthesis of artificial spinning agents. *Izv. vuz. khim. tekhn.* no. 9:1038-1043 '68.
- Gromov, M. V., and others. - Stabilization of styrene monomer and pre-polymer drops in aqueous solutions of partly acetylated polyvinyl alcohols. *Khisl. zhurn.* 30 no. 4:808-813 Ji-Ag '68.
- Krokhin, V. V., Volyn, A. I. - Ion exchange chromatographic synthesis of some quaternary ammonium bases. *Zhur. prikl. khim.* 35 no. 6:1890-1897 Ag '63.
- Kotler, A. M., and others. - Effect of the moisture of silica gels and activated oxides on their adsorptive capacity. *Azerb. khim. zhurn.* no. 6:86-102 '68.
- Kaliev, R. Sh., and others. - Evaluation of the adsorbents for oil purification. *Azerb. khim. zhurn.* no. 6:13-17 '68.
- Melikhov, S. D., Aliev, S. F., Karimov, G. A. - Cationization of water with strongly alkaline ion-exchange substances. *Azerb. khim. zhurn.* no. 6:50-55 '68.
- Nagayev, V. P., Litvin, G. P., Agayev, M. M. - Study of some quaternary ammonium salts as inhibitors of steel corrosion in the system petroleum-aqueous solutions of salts. *Korr. i zakh. v neft. prom.* no. 3:10-13 '68.
- Rustanov, S. M. - Dynamics of ion-exchange sorption of heterovalent ions at steady state. *Azerb. khim. zhurn.* no. 6:87-98 '68.
- Shirayev, V. K. - Dynamics of ion exchange sorption on mixed bed with cation exchanger in salt form. *Zhur. prikl. khim.* 41 no. 4:758-773 Ap '68.
- Solov'ev, V. S. - Selective properties of polycondensation action exchangers. Selectivity of the exchange of some ions. Part 2. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:18-14 '68.
- Solov'ev, V. S., Kravtsov, L. V., Pankov, R. M. - Surface tension isotherms of solutions of ionic and nonionic surface active substances. *Khisl. zhurn.* 30 no. 4:817-821 Ji-Ag '68.
- Spasenko, R. L., Kharashevili, S. M. - Interaction of urea with ammoniacal salts in the presence of silica gel. *Zhur. prikl. khim.* 35 no. 6:1843-1844 Ag '63.

64.12 Salts and compounds

- Osipov, I. V., Zaslavskiy, I. I., Kondrachina, S. I. - Obtaining elementary sulfur 34 of high specific activity. *Zhur. prikl. khim.* 41 no. 4:836-781 Ap '68.

64.13 Potassium and sodium compounds

- Riabikov, D. I., Vagina, M. S., Yakina, L. K. - Study of products of the reaction of rare earth oxides with alkoxide aqueous solutions. *Zhur. neorg. khim.* 13 no. 3:374-375 F '68.
- Verkhovskiy, E. M., Shchuk, I. M., Kuznetsova, A. G. - Degree of the hydration of nitric acid in isopropyl and n-butyl alcohols. *Izv. vuz. khim. tekhn.* no. 9:1038-1043 '68.
- Shigayev, V. A., and others. - Desorption of lyes obtained by electrochemical production of sodium chlorate. *Zhur. prikl. khim.* 41 no. 4:734-748 Ap '68.
- Zelkova, V. I., Jankov, J., Valenta, R. - Production of TMSO salt from gypsum, calcium hydroxide and ammonium hydroxide. *Trudy AN Lit. SSR, Ser. D* no. 3:44-45 '68.

64.15 Nitrogen compounds

- Epifanov, M. S., Dabova, L. A. - Production of calcium cyanide in a fluidized bed of limestone (lime). *Azerb. khim. zhurn.* no. 6:453-455 '68.
- Novitskiy, V. G., Ushakov, M. V. - Synthesis of $(NH_4)_2SO_4 - H_2O$ at 25°C. *Zhur. neorg. khim.* 13 no. 3:445-448 F '68.
- Terebenko, L. A., Podin, M. E., Puzov, V. P. - Method of calculating conditions of equilibrium and reaction of nitrogen oxides with nitric acid solutions. *Zhur. prikl. khim.* 41 no. 4:783-798 Ap '68.

64.16 Various inorganic and compounds

- Pliginskaya, M. B. - Using retort coal in the production of crystalline silicon. *Tsvet. med.* 12 no. 11:71-73 N '68.
- Osipov, A. I., Andreeva, V. V. - Corrosion and electrochemical behavior of aluminum, titanium, and alloys of aluminum - titanium in phosphoric and nitric acid solutions. *Zhur. prikl. khim.* 35 no. 6:1779-1788 Ag '63.

- Kobak, G. G., Popov, L. V. - Chromatographic method of quantitative determination of silicic acid. *Uch. zap. Perm. gos. univ.* no. 11:178-181 '68.
- Maslova, L. D. - Contents of manganese and iron in minerals in plants of the Kirovskaya steppe. *Trudy Len. khim. - farm. inst.* 1971 no. 4.
- Popov, L. V., Kobak, G. G. - Sorption of silicic acid in silicic rocks with different content of silicic acid. *Uch. zap. Perm. gos. univ.* no. 11:138-142 '68.
- Shala, I. A., Andrusenko, I. P. - Reaction of silicic acid with sodium triphosphate in aqueous solution. *Zhur. neorg. khim.* 13 no. 3:347-351 F '68.
- Volkov, V. M. - Effect of temperature on the properties of soil and plant communities. *Tsvet. med.* 41 no. 11:81-84 '63.

64.17 Organic substances

- Arutunov, I. A., Daltin, M. A. - Low temperature copolymerization of ethylene with propylene in the presence of $[VCl_4 + (C_6H_5)_2 AlCl_3]$. *Azerb. khim. zhurn.* no. 6:50-51 '68.
- Bageev, A. M., Vokorotnikov, N. A. - Synthesis of isopropylalcohol yield in the preparation of different pentose-containing raw materials. *Izv. SSR, Ser. khim.* no. 4:471-473 N '68.
- Belikov, M. L., and others. - Study of the decomposition of urea. *Khisl. zhurn.* 30 no. 4:817-821 Ji-Ag '68.
- Bardinskii, I. S., Anvarova, G. A. - Reduction of oxides of hydroxycarboxylic acids. Part 2. *Trudy Tadzh. nauch. inst.* 10:388-394 '68.
- Khalilov, N. P., Melnikova, I. K. - Synthesis of secondary alcohols of different molecular weights in the bed of a catalyst. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:78-81 '68.
- Lavoslavskiy, N. G., Kozlov, V. V. - Infrared absorption spectra of crystalline and amorphous polypropylene and triacetyl cellulose. *Zhur. prikl. khim.* 41 no. 4:832-836 Ap '68.
- Khatamov, I. M. - β , β -pentamethylpentane and its propylololone and products of its transformation. *Tadzh. nauch. inst.* 10:387-394 '68.
- Khatamov, I. M. - Synthesis of biologically active amino acids on the basis of β -lactone and β -keto acids. *Trudy Tadzh. nauch. inst.* 10:388-394 '68.
- Kochetov, L. M., Molodtsov, I. V., Shchuk, I. M. - Study of the diffusion of methyl alcohol in the water solutions of the urea in near critical region. *Strukt. i rol' vody v khim. org.* no. 1:104-105 '68.
- Kolobov, I. M., and others. - Kinetic equation of the action of alkylates of ketones by peroxide in the presence. *Azerb. khim. zhurn.* no. 6:88-93 '68.
- Korotkov, I. A., Novotorny, M. P., Litvin, G. P. - Study of the diffusion of methyl alcohol in the water solutions. Report No. 1. *Trudy po khim. i khim. tekhn.* no. 3:110-111 '68.
- Kucharskiy, V. L., Kiselev, G. M., Koshchik, S. M. - Equilibrium between liquid and vapor in the ammonia-carbon dioxide-urea-water system at 60 and temperatures from 160 to 180°C. *Tsvet. med.* 41 no. 4:832-833 Ap '68.
- Lovtchik, I. N., Trunova, M. A., Il'minskaya, M. A. - Method for obtaining the wool wax alcohol. *Zhur. prikl. khim.* 33 no. 3:24-27 '60.
- Osipov, I. V., Jylina, G. G., Melnikova, I. K. - Studies in the field of oxy peroxide. Study of the oxidation products of aliphatic alcohols in the case of diacid chlorides. Part 2. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:110-111 '68.
- Osipov, I. V., Melnikova, I. K., Jylina, G. G. - Studies in the field of oxy peroxide. Synthesis of diacid chlorides. Part 2. *Vestnik AN BSSR, Ser. khim. nauk.* no. 3:110-111 '68.
- Plamandzade, B. F., and others. - Study of a capacity of the vinyl esters of naphthalene acids to polymerization and copolymerization. *Azerb. khim. zhurn.* no. 6:91-93 '68.
- Rodionova, K. V., Chetverikova, O. P. - Mass transfer of organic matter in rocks and their formation and composition of asymmetric. *Geol. nauch. zap.* 18 no. 10:48-53 (I) '68.
- Markov, V. L., Loranova, V. P. - Production of cellulose by fractionation. *Zhur. prikl. khim.* 41 no. 4:804-810 Ap '68.
- Sokolov, M. A. - Preparation and some properties of lithium-oxyl- and lithium-ethyl peroxide. *Trudy po khim. i khim. tekhn.* no. 3:110-111 '68.
- Shchuk, I. M., Shchuk, V. I., Pyrkova, S. V. - Isolation of glucose acid from calcium phosphate ion-exchange method. *Prikl. biokhimi. i khim. tekhn.* no. 4:440-442 Ji-Ag '68.
- Khatamov, I. M., and others. - Synthesis of naphthalene acids by a direct oxidation of naphthalene hydrocarbons. *Azerb. khim. zhurn.* no. 6:37-40 '68.
- 64.18 Metallic compounds. Mineral pigments
- Alfons, V. Kh., Kharashevili, V. P. - Complex compounds of zinc and cadmium with diantipyrilmethane. *Uch. zap. Perm. gos. univ.* no. 11:161-163 '68.
- Dzhanikov, B. A., Tronova, N. M. - Structural analysis of aluminum solutions and pulp of red mud. *Zhur. prikl. khim.* 35 no. 6:1661-1664 Ag '63.
- Chapurin, V. V., Agladze, R. I. - Treatment of the alkaline manganese solutions in order to obtain the potassium alkali. *Zhur. prikl. khim. i khim. tekhn.* AN Gruz. SSR, no. 7:61-68 '67.
- Dzhanikov, B. A., Portoladze, Kh. G. - Kinetic chemical activity of manganese dioxide obtained from manganese carbonate ores. *Zhur. prikl. khim. i khim. tekhn.* AN Gruz. SSR, no. 7:6-14 '67.

601.8 (Continued)

- Kochergin, V.P., Davydova, V.G. - Iron corrosion in alloys containing fluorides and chlorides of alkali metals and calcium. *Zhur. prikl. khim.* 30 no. 8:1708-1771 Ag '82.
- Kurik, V.T., Burkov, I.U. - Reduction of briquetting sodium sulfide by gases of propene-butane mixture pyrolysis. *Izv. vuz. otech. sav., Khim. i khim. tekhn.* 11 no. 9:1844-1847 '82.
- Kholodov, L.G., Bagdasarian, R.V. - Kinetics of the consumption of mesoporous during emulsion polymerization of chloroprene initiated by potassium persulfate. *Ann. khim. zhur.* 10 no. 4:383-385 '82.
- Vladimirova, M.G., Mikhalevich, V.V. - Scale formation on iron-cobalt alloys in atmospheric air at high temperatures. *Zhur. prikl. khim.* 35 no. 8:1741-1748 Ag '82.
- Kul'garov, Z.G., Sharifova, E.B., Novrasov, A.A. - Study of porous structural special features of chloroan-methylbenzene oxide polymerization catalysts. *Azerb. khim. zhur.* no. 5 80-84 '82.

601.9 Various industrial gases

- Alekseev, M. - Drying carbon monoxide. *Tekhn. i voormak* 28 no. 3:43-45 Mr '82.
- Dobsonova, L.M., Mosonakova, O.M. - Effect of liquid propane on polyamide film. *Korr. i zashch. v nedobro. prom.* no. 3:19-21 '82.
- Kakabadze, V.M., Danilova, E.R., Chaganova, M.F. - Purification of isobutyl alkyne by way of oxygen hydrogenation by ammonia. *Sov. AN Odesk. SSR.* 81 no. 1:111-114 Ji '82.
- Kononov, V.G., and others. - Building welding of packing surfaces of gate valves in a shield of CO₂. *Svar. protov.* no. 11:39-40 N '82.
- Kosharskiy, M.M. - Carbon dioxide welding with wires of 1.6 to 2 mm in diameter. *Svar. protov.* no. 11:40-41 N '82.
- Ostrovskiy, V.K., Khachaturov, G.G. - Reduction of pollutants in severe forms of carbon monoxide poisoning. *Voen.-med. zhur.* no. 11:66-67 N '82.
- Rabstev, M.I., Stropilev, I.A., Troshin, A.K. - Testing a jet evaporator of liquefied gases. *Gas. prom.* 13 no. 8:117-119 Je '82.
- Spektor, O.Sh., Balchuk, G.K. - Oxygen-flux cutting of four-layer bimetal rolled products. *Svar. protov.* no. 11:34-36 N '82.
- Kashchov, D.Kh., Tarasovskiy, M.A., Koshchikov, A.V. - Equipment for automatic welding of flanges to pipes in a shield of CO₂. *Svar. protov.* no. 11:45-46 N '82.

602 Explosives. Powd.

- Kalita, N. - Efficiency of using fuel. *Plan. khoz.* 45 no. 1:88-91 Ja '82.
- Mol'nikov, M. - Problems of developing the fuel industry. *Plan. khoz.* 45 no. 1:13-15 Ja '82.

602.8 Kinetics. Mechan. Lightn.

- Moskova, G.V., Paskratov, M.S. - Change of the acidity of selenic acid during self-heating. *Vestn. AN BSSR. Ser. khim. nav.* no. 3:113-114 '82.

602.9 Powd. Composition. Heat energy

- Berengiy, L.P., Ostrovskiy, I.A.M. - Thermal decomposition of coals under rarefaction. *Met. i kokshchik.* no. 8:11-13 '82.
- Brak, I.U.G., Pogorila, A.U. - Studying a stoker-injector device for gas recirculation furnaces. *Gas. prom.* 13 no. 8:124-126 Je '82.
- Drak, L.A., Lapina, M.A. - Vibration mixing in the thermal preparation of coal in a continuous coking process. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:184-186 '82.
- Drak, L.A. - Large laboratory experimental equipment for heating coal by a solid heat carrier. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:184-186 '82.
- Dubovitskiy, P.N., Drak, L.A., Dubovitskiy, M.Sh. - Coking of low-coking coals under the pressure of their own volatile matters. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:184-186 '82.
- Dubovitskiy, P.N., Drak, L.A. - Production of metallurgical coke briquet from gas and low-coking coals with the use of solid heat carrier (coke). *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:117-118 '82.
- Gerbatskaya, A.D., and others. - Distribution of combustion products in the burning of meat with small zones of air. *Tekhn. i voormak* 28 no. 9:33-35 S '82.
- Kondratyev, V.B. - All-Union seminar on the use of gas in agriculture. *Gas. prom.* 13 no. 8:43-44 Je '82.
- Kols, I.D. - Construction of coal feeders for large thermal electric power plants. *Enorg. stroi.* no. 3:3-10 '82.
- Lapshina, L.P. - Influence of temperature on the results of determining dynamics of coal swelling. *Met. i kokshchik.* no. 8:18-19 '82.
- Levov, N.V., Evlanov, S.F. - Normal combustion speeds of rich methane-oxygen and methane-air mixtures. *Gas. prom.* 13 no. 8:43-44 Je '82.
- Malyukova, G.V. - Influence of thermal transmission conditions on the reproducibility of indices related to the dynamics of coal swelling. *Met. i kokshchik.* no. 8:18-21 '82.
- Maslov, V.M., and others. - Operation of a boiler with pulverized coal concentrators. *Enorg. stroi.* 18 no. 11:3-5 N '82.
- Tsvetkov, L.R. - Process of crushing and its effect on the properties of ground coal. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:186-188 '82.
- Vasilevich, A.V., Mikhayev, V.P. - Injection burners with an active airflow for industrial units. *Gas. prom.* 13 no. 8:46-48 Je '82.
- 602.9(474.3)—Estonian S.S.R.
Varikolmeyer, V. - Town of Estonian miners. *Sov. shakht.* 15 no. 10:100-101 p. 4-26 O '82.
- 602.9(479.23)—Georgian S.S.R.
Ade, V.L., Landau, I.N. - Production of coal briquets for coking from Tifliss coal without the utilization of special binders. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:184-186 '82.
- Dubovitskiy, P.N., Gagnidze, A.M., Landau, I.N. - Production of coke briquet from Tifliss coal ground in the atmosphere of gas coking products. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:186-188 '82.
- Gagale, V.G., Dzhuganidze, M.K. - Composition of lower phenols in coal tar of Georgian coals. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:174-181 '82.
- Gagale, V.G., Gagnidze, M.K., Dzhuganidze, O.O. - Chemical products of coking of Tifliss coals under the pressure of their own volatile matters. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:182-186 '82.
- 602.9 Thermally or chemically processed fuels
Bel'kevich, P.I., and others. - Studying kinetics of low temperature decomposition of eucalypt. *Vestn. AN BSSR. Ser. khim. nav.* no. 3:87-81 '82.
- Bliznikov, I.U.V. - Dynamics of the formation and transformation of baking coal thermal decomposition products during coking. *Met. i kokshchik.* no. 8:20-24 '82.
- Brak, I.A., Kovalevskiy, V.P., Pishchik, S.I. - Method of estimating dynamic strength of metallurgical coke. *Met. i kokshchik.* no. 8:20-24 '82.
- Certain relations between indicators of the index of swelling and properties of coals in plastic state. *Met. i kokshchik.* no. 8:23-18 '82.
- Chesak, V.M. - Improving planning for the consumption of coke in an important potentiality for reducing the cost of iron. *Khoz. i organ. prom. protov.* no. 3:187-188 '82.
- Chudakovskiy, V.M., and others. - Investigating properties of coke coke structures. *Met. i kokshchik.* no. 8:24-27 '82.
- Chudakovskiy, V.M. - Using pseudolinear relationships in determining surface hardness of coke. *Met. i kokshchik.* no. 8:28-30 '82.
- Dobrov, V.I., and others. - Improving the method of photometric analysis of coals based on a computer automation of apparatus. *Met. i kokshchik.* no. 8:35-38 '82.
- Drak, L.A., Lapina, M.A. - Vibration mixing in the thermal preparation of coal in a continuous coking process. *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:182-186 '82.
- Dubovitskiy, P.N. - Using a combination of indicators in ore flotation. *Tekhn. i voormak* 41 no. 11:10-14 N '82.
- Dubovitskiy, P.N., Drak, L.A. - Production of metallurgical coke briquet from gas and low-coking coals with the use of solid heat carrier (coke). *Sov. Inst. neorg. khim. i elektrokhim. AN Odesk. SSR.* no. 7:117-118 '82.
- Filippov, B.N. - Using melt coal in the production of crystalline silicon. *Tekhn. i voormak* 41 no. 11:71-73 N '82.
- Gerbatskaya, A.D., and others. - Experiments gained in measuring metal and electrical glass making. *Stek. i ker.* 24 no. 1:18-19 Ja '82.
- Grozdeva, M.A., and others. - Composition of impurities in phenolates. *Koks i khim.* no. 11:39-42 '82.
- Kal'nikov, K.G. - Thermal conditions of a coke-oven bank and the arrangement by series of the drawing of coke; open for discussion. *Koks i khim.* no. 11:14-25 '82.
- Kolodinskii, I.Z., and others. - Separation of cyclopentadiene from the main fraction of crude benzene. *Koks i khim.* no. 11:32-34 '82.
- Khrush, I.M., and others. - Optimal conditions for construction processes in the production of ammonium sulfate. *Met. i kokshchik.* no. 8:28-29 '82.
- Kolodinskii, I.Z., and others. - Treatment of distillation residues. *Koks i khim.* no. 11:34-38 '82.
- Kononov, M.D., Movtisl, P.L., Orlovskiy, A.P. - Certain problems in the hydrodynamics of controlled moving fluidized bed at the drying of coal concentrates. *Met. i kokshchik.* no. 8:37-44 '82.
- Lapina, M.A. - At the Scientific Council on the problem: "New Processes in the Coke and Coke Chemical Industry." *Koks i khim.* no. 11:60-61 '82.
- Lavitskiy, M.S., Shuklov, A.K. - Prospects for the production and demands of coke by-products. *Koks i khim.* no. 11:37-38 '82.
- Maslov, A.D., and others. - Problem of controlling hydrodynamic conditions of coke ovens. *Koks i khim.* no. 11:13-18 '82.
- Pakter, M.K., and others. - Mercury in coke by-products. *Koks i khim.* no. 11:43-48 '82.
- Paylov, I.U.S. - Influence of hydrocarbon additions on thermal decomposition of charges containing an iron ore concentrate. *Met. i kokshchik.* no. 8:63-71 '82.
- Pishchik, S.I., Kovalevskiy, V.P. - Comparing aerodynamic properties of coke coke bulk changes with indices of a blast furnace course. *Met. i kokshchik.* no. 8:23-24 '82.
- Shchegolev, V.G., Rybchik, M.I. - Numerical calculation of temperature in the course of coking period in various sections of a heating partition wall. *Met. i kokshchik.* no. 8:61-68 '82.
- Shor, B. - Coke and coke chemicals at the Exhibition of Achievements of the National Economy of the U.S.S.R. *Koks i khim.* no. 11:61 '82.
- Solov'ev, V.P., Maslov, M.S. - Using induction consumption gauges for liquid coal tar pitch. *Koks i khim.* no. 11:67-68 '82.
- Troshchinskii, M.F., and others. - Equipment for controlling the filling of silos. *Koks i khim.* no. 11:64-67 '82.

Tsarov, M.M., and others. - From the rostrum of the all-Union conference of coke industry workers. *Koks i khim.* no. 11:48-50 '82.

Ustambayev, O.G., Gofman, M.S. - Dust formation under the impact of hammer crushers. *Koks i khim.* no. 11:40-44 '82.

Zalazhko, V.O., Gofman, M.V., Sudzhichuk, I.P. - Effect of chemical reagents on the output and physico-chemical properties of pitch coke. *Tekhn. i voormak* 41 no. 11:84-88 N '82.

603 7(477)—Ukrainian S.S.R.

Kiladze, V.P. - Using the theory of correlation for the analysis of the quality of coke. *Khoz. i organ. prom. protov.* no. 3:14-16 '82.

603.8 Mechanically produced (artificial) fuels

- Bakusheva, V.L. - Dynamics of nitrate nitrogen in peat-mineral and ammonia fertilizers. *Tekhn. i voormak* 45 no. 10:33-35 '82.
- Gavrilov, I.U.M. - Certain peculiarities in the operation of MK-1, 8P-dish diggers. *Tekhn. i voormak* 45 no. 10:7-8 '82.
- Gushchenko, V.V. - Literature on peat 2d quarter (1982) (to be continued). *Tekhn. i voormak* 45 no. 10:31-37 '82.
- Isaevskiy, I.S. - Wear of cyclones of the peat-briquetting plants. *Tekhn. i voormak* 45 no. 10:18-19 '82.

603.8(479)—Hungary

Sokolos, L., Nemcsik, M.L. - Mining and use of peat in the Hungarian People's Republic. *Tekhn. i voormak* 45 no. 10:36-31 '82.

603.9 Furnace and combustion engineering

- Artem'ev, V.P. - Heat transfer peculiarities of layer-type and gas fuel stokers in low and medium-capacity boiler units. *Enorg. stroi. i mash. stroi.* 14 no. 8:4-7 S '82.
- Dagdanova, M.M., Gerasimova, V.I. - New types of heat insulation covering with plastic and fiber glass as base material. *Enorg. stroi.* no. 7:22-23 '82.
- Brak, I.U.G., Pogorila, A.U. - Studying a stoker-injector device for gas recirculation furnaces. *Gas. prom.* 13 no. 8:124-126 Je '82.
- Dubovitskiy, P.N., Potokar, I.M. - Industrialization of heat-insulating work in the construction of an oxygen-converter complex. *Mosh. i spets. rab. v stroi.* 22 no. 5:8-10 My '82.
- Vil'monov, S.L., and others. - Calculation of average temperatures and thermal resistance of heat recovering surfaces of furnace chambers. *Tekhn. i voormak* 45 no. 9:25-28 S '82.
- Fedor, I.R. - Improving the design of hydraulic safety valves of gas-distributive stations. *Gas. prom.* 13 no. 8:123-124 Je '82.
- Gubakovskiy, S.P., and others. - Automatic system for gas-operated heating boilers. *Gas. prom.* 13 no. 8:18-19 Je '82.
- Golubov, A.M. - Some improvements of tunnel kilns for stabilizing the firing process of insulator porcelain. *Stek. i ker.* 24 no. 1:30-33 Ja '82.
- New developments in the glass heat engineering. *Stek. i ker.* 24 no. 1:4-14 Ja '82.
- Koshchinskii, A.I., and others. - New high-temperature heat-insulating products made of basalt staple fiber with an inorganic base. *Enorg. stroi.* no. 7:64-67 '82.
- Stankov, P.P. - Study and adjustment of heat-treatment furnaces operated with gaseous fuel. *Gas. prom.* 13 no. 8:28-31 Je '82.
- Stepanova, N.M. - Protection of stacks. *Mosh. i spets. rab. v stroi.* 22 no. 5:11-13 My '82.
- Stokhar, A.M. - Experience in adjusting sectional furnaces for the heat treatment of electrically welded pipes. *Gas. prom.* 13 no. 8:31-34 Je '82.

603 Beverages. Stimulants. Water

- Avakian, B.P. - Effect of ultraviolet rays on the variability of basic characters in wine microorganisms. *Stek. i ker.* 24 no. 1:66-67 My '82.
- Berida, G.L., Derzhavina, T.G. - Utilization of acetic acid in winemaking. *Pril. biokhimi. i mikrobiol.* 4 no. 4:420-426 Ji-Ag '82.
- Cherny, A.I., and others. - Combination of powerful atomic power stations with desalination plants. *Atom. energ.* 25 no. 6:384-403 N '82.
- Dubovitskiy, M.M., Pavlenko, M.M. - Protein composition of the meat of different grape varieties. *Pril. biokhimi. i mikrobiol.* 4 no. 4:471-475 Ji-Ag '82.
- Kudakov, M.V. - Complete use of distillery wastes. *Trudy VNIIP* no. 16:127-133 '82.
- Oreshchinskaya, O.K. - Present world production of ethyl alcohol. *Trudy VNIIP* no. 16:134-138 '82.
- Isakov, A.S., Khimchenko, M.M. - Problems of the industrial organization, production quality, and profitability of wine-making enterprises. *Trudy VNIIP* 8:238-245 '82.
- Kolodkov, S.P. - Effect of temperature and moisture on the thermophysical characteristics of new materials and semifinished products of the distilling industry. *Trudy VNIIP* no. 16:139-143 '82.
- Kopytin, V.T., Morgunova, N.S. - Rates of the increase of labor productivity in the liquor and vodka industry of the U.S.S.R. *Trudy VNIIP* no. 16:133-137 '82.
- Kurganova, G.V. - Gas exchange during film-free preparation of cherry wine. *Pril. biokhimi. i mikrobiol.* 4 no. 4:468-471 Ji-Ag '82.
- Lipin, B.V., and others. - Studying the composition of volatile compounds in grape products prepared by gas-chromatography. *Trudy VNIIP* 8:215-220 '82.

663 (Continued)

- Mal'tsev, V. M., Kompaneitseva, I. S., Kozlovskaya, I. M. - Some problems of the thermal treatment of hybrid wine materials in the production of port-wine. *Trudy VNIIPP* 8:130-134 '68.
- Martakov, A. A., Kiktev, P. B. - Transformation of glutaric acid to succinic acid. *Pril. biokhim. i mikrobiol.* 4 no. 4:478-479 JI-Ag '68.
- Mironova, N. S. - Use of medium pyrolysis in the production of fermentation preparations. *Trudy VNIIPP* no. 10:7-9 '68.
- Mukhin, P. I., Sokolov, D. P. - Kinetic relationships in cultivation process of microorganisms. *Pril. biokhim. i mikrobiol.* 4 no. 4:335-337 JI-Ag '68.
- Ostrovskiy, G. L. - Change in the optical density of alcohol-water solutions depending on the strength of alcohol. *Trudy VNIIPP* no. 10:114-119 '68.
- Oshman, G. L., Savits, A. V. - Determination of the activity of activated carbon in the production of vodka. *Trudy VNIIPP* no. 10:100-110 '68.
- Peckhamer, G. M. - Automatic optimization of the process of continuous cooking of starchy materials. *Trudy VNIIPP* no. 10:12-16 '68.
- Prishch, G. M., Gogolevskaya, D. V., Bolokhova, M. A. - Comparative study of the chemical composition of dry concentrates of black currant tea. *Pril. biokhim. i mikrobiol.* 4 no. 4:475-480 JI-Ag '68.
- Rukhovich, V. A., Asanov, S. A., Mukherjee, T. G. - Automatic method for the filling-up of wine. *Trudy VNIIPP* 8:130-132 '68.
- Sushakov, V. A., Kozlovskaya, T. G., Ledyanskii, I. A. - Economic efficiency of producing high-quality white wine by aging them in large immovably sealed containers. *Trudy VNIIPP* 8:131-134 '68.
- Sudakov, M. S. - Technological systems of enzyme sorption by silica gel. *Trudy VNIIPP* no. 10:3-6 '68.
- Stroganova, M. A., Polov, V. V. - Effect of gibberellin on starch content in corn mesocotyl cuttings. *Russk. zh. biokhim.* 10 no. 5:670-674 May '68.
- Tkachenko, P. - Concentration of production in the milk industry. *Pril. biokhim. i mikrobiol.* 4 no. 4:475-480 JI-Ag '68.
- Ushakov, B. A., Pyrkova, S. V., Lashina, A. N. - Fermentation hydrolysis of starch in the production of alcohol from starchy raw materials. *Trudy VNIIPP* no. 10:130-140 '68.
- Vakulko, G. G., Gerasimova, L. M. - Study of discoloration of red wines. *Pril. biokhim. i mikrobiol.* 4 no. 4:464-467 JI-Ag '68.
- Zaitov, K. Z. - Characteristics of pea protein concentrates and the possibility of enriching wheat flour with them. *Pril. biokhim. i mikrobiol.* 4 no. 4:413-419 JI-Ag '68.

663(478-24)—Azerbaijan S.S.R.

- Kalash, T. A., Nakhodov, F. D., Iusheva, E. M. - Aging of the Madira-type wine in a heat exchanger. *Zh. tekhn. prog.* 8 no. 10:41-43 O '68.

663.99 Microbes

- Artsov, G. A. - Toxic and allergenic effects of raw oyster extracts under experimental conditions. *Sbor. nauch. rab. KGBR* 43:101-103 '67.

664 FOOD INDUSTRIES. PRESERVATION

- Merchinskaya, E. - Norms for supplementary deductions to livestock farms. *Pril. biokhim. i mikrobiol.* 4 no. 4:475-480 JI-Ag '68.
- Bobrovskiy, B. P., and others. - Macerated carrots with removable covers. *Trudy VNIIPP* 8:298-304 '68.
- Bobrovskiy, B. P., Sirova, M. A. - Rigging and preparation of large containers for aseptic canning. *Trudy VNIIPP* 8:304-310 '68.
- [Equipment of the food industry] *Russk. zh. biokhim.* 10 no. 5:670-674 May '68.
- Popovskiy, V. G., Zaitov, K. Z. - Economic problems of the canning industry of food products. *Trudy VNIIPP* 8:304-310 '68.
- Popovskiy, V. G., Kondratyuk, G. N. - Studying the thermal field of a condenser during the condensation of water vapor in a vacuum. *Trudy VNIIPP* 8:311-315 '68.

664.1 Sugar Industry

- Shvachinskaya, L. - The sugar market and the problem of overproduction. *Vysk. i izv.* 48 no. 1:51-52 '68.

664.2 Breads. Other bakery products

- Peckhamer, G. M. - Automatic optimization of the process of continuous cooking of starchy materials. *Trudy VNIIPP* no. 10:12-16 '68.
- Radetskaya, V. I., Polov, S. N. - Transglycosylation enzymes in cultures of mold fungi. *Trudy VNIIPP* no. 10:12-16 '68.

664.3 Baking, bread and flour confectionery

- Zaitov, K. Z. - Characteristics of pea protein concentrates and the possibility of enriching wheat flour with them. *Pril. biokhim. i mikrobiol.* 4 no. 4:413-419 JI-Ag '68.

664.4(471.22)—Oral Province

- Mikhailov, V. - Bread of Klavdia Doroshkina. *Part. shkur.* no. 1:104-107 JI '68.

664.5 Preservation of animal products. Fruit and vegetable products

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

664.5(471.22)—Oral Province

- Belitskiy, L. A., Gerasimov, V. S. - Devices for the control and automatic recording of the sublimation-drying process of fruit, berries and products processed from them. *Trudy VNIIPP* 8:311-315 '68.

666 (Continued)

Gravimetric, I. L. - Preparation for work under the new conditions of planning and economic stimulation. *Stek. i ker.* 24 no. 1:41-43 Ja '67.

Travels during the glass and ceramic industries in 1967. *Stek. i ker.* 24 no. 1:1-3 Ja '67.

666.1 Glass industry and technology

Asropov, B. P. - Corroborating a method for planning the economic efficiency of wholesale prices for glassware. *Vestn. AN BSSR, Ser. khim. nav.* no. 4: 17-23 '63.

Antasova, M. S., Khazimov, V. K. - Influence of quartz fiber forming on its strength. *Stek. i ker.* 24 no. 1: 22-26 Ja '67.

Bakikova, M. M., Trumova, I. A., Batsova, E. G. - Change of the density of glasses under different glass-melting conditions. *Vestn. AN BSSR, Ser. khim. nav.* no. 3:45-49 '63.

Dagdasarova, G. S., Bolitsin, A. A., Pliatavskii, A. M. - Electrode properties of lithium iron silicate glasses. *Elektrokhimiya* 4 no. 11:1326-1330 N '68.

Kobrin, V. S., Kalmykova, L. P., Shal'va, M. M. - Stability of electrode characteristics of alkali silicate glasses. *Elektrokhimiya* 4 no. 11:1331-1337 N '68.

Borodil, F. A., Kharchenko, M. I. - On the most widespread impurities in optical vacuum compressed quartz glasses. *Stek. i ker.* 24 no. 1:24-27 Ja '67.

Dombrovskaya, V., and others. - Study of the systems $P_2O_5-SiO_2-R_2O$ ($R=Cr, V, Ti, Fe$). Part II. Glass formation in the systems $P_2O_5-SiO_2-Cr_2O_3$ - Cr_2O_3 . *Izv. AN Latv. SSR, Ser. khim.* no. 4:367-381 '68.

Carotomskaya, L. G., and others. - Experiences gained in casting glass and electrical glass making. *Stek. i ker.* 24 no. 1:18-19 Ja '67.

Kolomo, M. P. - Shielding of tank furnaces for reducing heat losses and improving working conditions. *Stek. i ker.* 24 no. 1:17-19 Ja '67.

Kota, M. E. - Powder method in manufacturing optical glass tiles. *Stek. i ker.* 24 no. 1:38-40 Ja '67.

Lipatov, I. U., Khoroshko, R. P. - Study of the interaction of polymers with fillers. Part 3: Thermomechanical properties of polystyrene filled with fiberglass. *Vysokom. soed.* 4 no. 1:37-41 Ja '63.

Masov, K. E., Indo, S. S., Iakimovich, V. L. - New composition of opal glass for lighting engineering. *Stek. i ker.* 24 no. 1:18-21 Ja '67.

New developments in the glass heat engineering. *Stek. i ker.* 24 no. 1:4 Ja '67.

Osmad, A., and others. - Effect of Na_2O , SiO_2 , ZnO additives on the stability of some neutralized aluminum silicate glasses. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3: 87-94 '67.

Ploro, L. S., and others. - Heat exchange in molten glass when bubbling and contact burning. *Stek. i ker.* 24 no. 1:13-17 Ja '67.

Radman, V. M. - Analytical method of determining the electric resistance of glass. *Stek. i ker.* 24 no. 1: 11-13 Ja '67.

Stral'nyy, G. S. - Surface properties of quartz. *Koll. zhur.* 30 no. 4:691-695 Ji-Ag '68.

Tykhonchik, I. D., Fedorovskii, I. A. - Study of initial stages of catalyzed crystallization of some lithium aluminosilicate glasses. *Izv. AN BSSR, Ser. khim. nav.* no. 3:751-754 My '63.

666.2 Enamel and glass

Bakikova, M. M., Trumova, I. A., Batsova, E. G. - Change of the density of glasses under different glass-melting conditions. *Vestn. AN BSSR, Ser. khim. nav.* no. 3:45-49 '63.

Khizantsev, L. G., Gopriadevich, G. G., Tshayeva, T. B. - New composition of low temperature glasses from volcanic rocks. *Stek. i ker.* 24 no. 1: 115-118 Ji '68.

666.3 Clay and ceramic ware

Dickson, G. A. - Single firing of glazed firing tiles. *Stek. i ker.* 24 no. 1:23-30 Ja '67.

Osk, B. M., Baranovskii, P. I. - High-speed drying of small-size faience tiles. *Stek. i ker.* 24 no. 1:32-35 Ja '67.

Kharchenko, P. F. - Automatic baking of the molding powder for the manufacture of suggers. *Stek. i ker.* 24 no. 1:40-41 Ja '67.

Shelkin, K. I., Belostotskaya, M. S. - Influence of technological parameters on the qualitative characteristics of ceramic products manufactured by the hydrostatic pressing method. *Stek. i ker.* 24 no. 1:36-38 Ja '67.

666.3(472.33)—Ukrainian S. S. R.

Abraham, A. V. - Mineralogical and chemical composition of some ceramic products of ancient Armenia. *Arm. khim. zhur.* 19 no. 6:419-429 '68.

666.6 Porcelain and china

Golitsyn, A. M. - Some improvements of tunnel kilns for stabilizing the firing process of insulator porcelains. *Stek. i ker.* 24 no. 1:30-33 Ja '67.

666.7 Heavy dryers and refractories

Belov, I. U., Shal'va, M. M. - Electromagnetic heat for lifting dies in brick manufacture. *Stek. i ker.* 24 no. 1: 37 N '68.

Bedalov, P. P., and others. - Dilatometric studies of ceramic samples in the system $CaO-SiO_2$ at temperatures 20-1500°C. *Izv. AN BSSR, Ser. khim. nav.* no. 3: 753-756 My '63.

Kata, M. E. - Automatic unloading of cob bricks from dryer carts. *Stek. i ker.* 24 no. 1:36-37 N '68.

Kuzina, G. L., Arapov, V. P. - Heat resistant concrete from burnt rock. *Stek. i ker.* 24 no. 1:38-39 N '68.

Bostenko, K. V., Dolob, M. T. - Production of colored lime bricks by the treatment with monorganic salts. *Stek. i ker.* 24 no. 1:17-18 N '63.

666.7(477)—Ukrainian S. S. R.

Tshatkin, M. I., Zaporozhets, V. N., Senkin, S. T. - Mechanization of labor-consuming processes at the Zaporozh'ye brick and tile works. *Stek. i ker.* 24 no. 1:34-35 N '68.

666.8 Gypsum and other plaster

Orlov, I. A., Dzanis, V. V., Khatov, V. B. - Studying hardening kinetics of the plaster of Paris considering sound velocity variations, strength and hydration grades of samples. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3: 81-88 '67.

Mosolov, K. V. and others. - Formed slag installation with lifting tank. *Stek. i ker.* 24 no. 1:36-38 N '68.

Shapovalov, V. M., Golitsyn, T. P. - Products made by autoclave hardening from the waste of copper sulphide ore dressing. *Stek. i ker.* 24 no. 1:41 N '68.

Stetsenko, L. M., Zavgornich, N. A., Budin, L. K. - Intonation of the slaker grinding process. *Tshumsk. 34* no. 3:4 3-5 '68.

Volchinskii, A. V., Vassets, A. E., Feodorovskii, A. V. - Obtaining a semi-hydrate high-strength gypsum in liquid media. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1: 71-74 '67.

666.8(474)—Ukrainian S. S. R.

Khatov, V. K. - Electric furnace slabs from the Karatuz. *Stek. i ker.* 24 no. 1:32-33 N '68.

666.9 Lime, cement, mortar, concrete

Alapov, U. - Evaluation of the quality of raw material and production of roman cement from it. *Khur. prif. khim.* 35 no. 8:1648-1653 Ag '63.

Alensberg, I. A., Sholokovskii, M. A. - New technological lines and machines for the manufacture of pre-cast reinforced concrete. *Stek. i ker.* 24 no. 1:4-7 Ja '68.

Alensberg, I. A., and others. - Effect of the addition of the aqueous dispersion of divinylbenzene on physicochemical properties of gypsum sand-cement concrete. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 169-173 '67.

And, R., Galla, K., Kuznetsov, G. A. - Kinetics of thermal strength and strength of steam cured large gas-concrete panels considering relative density. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 147-150 '67.

Belikov, P. K. - Methods of mechanizing the production of pre-cast reinforced concrete. *Stek. i ker.* 24 no. 1:1-4 Ja '68.

Berail, L. L. - Development of asbestos cement production. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1:11-12 '67.

Burkov, A. V., Pavlov, T. A. - Porosion of gas concrete structures during the autoclave process at the different temperatures of isothermal aging. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3:10-17 '67.

Borodil, F. A. - Set of instruments for automatic multiple-point measurements of the resistivity of concrete. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3:24-33 '67.

Bogdanova, I. V., and others. - Developing photometric methods of the automatic control in cement manufacture. *Trudy Giprotsment. no. 34:213-230 '68.*

Dovik, G. P. - Improvements to water concrete and mortars with chemical thickening admixtures. *Energ. stroit.* no. 3:73-78 '67.

Brakman, A. I. - Effect of additives on the strength of crumbly stone mixtures hardening at subfreezing temperatures. *Avt. der.* 21 no. 12:11 B '68.

Budniker, M. I. - Exceeded rated capacity of banded composition. *Tshumsk. 34* no. 5:15-16 3-5 '68.

Chorap, L. L. - Loading cement on railroad cars with simultaneous weighing. *Tshumsk. 34* no. 5:20 5-6 '68.

Danilovskii, S. I., Levin, M. L., Liozovskii, R. L. - Research on quality improvement and production of special cements. *Trudy Giprotsment. no. 35:173-195 '68.*

Dinot, P. M. - Improving processes and equipment for kilning portland-cement clinker. *Trudy Giprotsment. no. 35:151-171 '68.*

Dzhur, P. M., Viktorov, V. I., Solovnikov, M. E. - Studying technical, thermal, and aerodynamic parameters of a cyclonic heat exchanger system. *Trudy Giprotsment. no. 35:13-20 '68.*

Dolzhikov, I. U. P. - Gypsum paste mixer. *Trudy Khim. politekh. inst.* no. 7:30-41 '67.

Draikina, G. S., Klobkina, E. E. - Automating of mixer firing process and its mathematical simulation. *Trudy Giprotsment. no. 35:61-68 '68.*

Dubrovskii, V. B., Mironov, A. F., Pospelov, V. P. - Heat-insulating concrete for biological protection of atomic electric power plants. *Energ. stroit.* no. 7:8-11 '67.

Dzsis, V. V., Plamenov, V. V., Goldstein, A. I. - Velocity changes of longitudinal sound waves in the cement paste with different water content. *Izv. po mekh. stroit. mat.* 1 konstr. no. 2:71-84 '67.

Egorov, K. I., Dierdin, R. L. - Some conditions for the correction of silicon - epoxy coating to steel. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1:120-126 '67.

Egorov, G. R., Belov, L. V. - Improving methods of preparing raw-material mixes of a prescribed formula. *Trudy Giprotsment. no. 36:36-54 '68.*

Plak, B. G., Lel'kin, A. I., Kabanenko, T. I. - Brand 800 concrete with carbonite fillers. *Energ. stroit.* no. 3:80-73 '67.

Folostey, A. A. - Economizing steel in the production of reinforced concrete. *Stek. i ker.* 24 no. 1:15-17 Ja '68.

Okulchikov, V. D., Pakhomov, V. A., Sokolov, I. S. - Bearing structural members from soil cement concrete. *Trudy Khim. politekh. inst.* no. 7:78-84 '67.

Goltshtein, L. A., and others. - Production of blocking materials by the method of smelting. *Trudy Giprotsment. no. 35:204-231 '68.*

Ivanov, G. S., Palagin, E. V., Karanyshev, I. A. - Optimal gravity increases in compacting rigid concrete mixtures. *Trudy, stroit.* no. 8:43-45 Ag '68.

Kalla, I. - Effect of the distribution of porosity in concrete on its frost resistance. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 167-168 '67.

Kirichikov, I. A., and others. - Development of lining technique in the cement industry. *Trudy Giprotsment. no. 35:13-14 '68.*

Korotkiy, V. A. - Effect of drying on the creep on concrete. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 87-93 '67.

Korotkiy, V. A., Shchegolev, V. V. - Stress state of concrete tubes under radial pressure. *Stek. i ker.* 24 no. 1: 44-45 '68.

Kryukhin, G. S., Mikhalev, V. - Guiding row material in ball mills with simultaneous drying. *Tshumsk. 34* no. 5:7 5-6 '68.

Kuznetsov, G. A., Lapas, V., Solovnikov, A. B. - Relaxation phenomena in swelling gas concrete mix. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 33-36 '67.

Kapreyev, G. F. - Sectional automated concrete-mortar plant. *Biol. stroit. i ker.* 24 no. 1:36-38 O '67.

Lavrina, E. L., and others. - Effect of the structure of gas concrete on its heat conductivity. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 179-180 '67.

Lapas, V. - Estimating the strength of hardening gas concrete by the velocity of transverse wave propagation in it. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3:12-13 '67.

Lapas, V., Kuznetsov, G. A., Zorin, L. Y. - Studying pore formation process in gas concrete by the method of supersonic impulses. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3:3-8 '67.

Larion, E. A. - Production of pre-cast reinforced concrete. *Stek. i ker.* 24 no. 1:15-17 Ja '68.

Logashov, A. V. - Potential capacities are put in action. *Tshumsk. 34* no. 5:13 5-6 '68.

Lipatov, I. U., Sholokovskii, M. A. - Intensification of wet heat treatment processes in the manufacture of concrete and reinforced concrete products. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 140-148 '67.

Lishinskii, D. A., Osmad, A. P. - Using radioactive isotopes for investigating the regularities of vibrational movement of concrete masses. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1:100-101 '67.

Livshits, Z. A., Liozovskii, R. L. - Effect of the preheating of dolomite on its calcining ability. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1:104-105 '68.

Molodtsov, M. M., Korotkiy, V. A. - Calculating changes of rheological coefficients of concrete. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 139-148 '67.

Methods for determining the strength of heavy concrete. *Biol. stroit. i ker.* 24 no. 1:10-12 O '67.

Nikiforov, I. U. V. - Concrete with the high content of magnesium oxide. *Trudy Giprotsment. no. 35:104-105 '68.*

Plamenov, V. V., and others. - Effect of geometric dimensions of hardening concrete samples on the propagation velocity of longitudinal waves. *Izv. po mekh. stroit. mat.* 1 konstr. no. 3:34-44 '67.

Politsanov, V. M. - Necessary for more rapid implementation of completed research. *Tshumsk. 34* no. 5:10 5-6 '68.

Rolay, G. S., and others. - Concrete with an emulsion of CKZ-04 composition polymer used in various stabilizers. *Trudy, stroit.* no. 8:43-45 Ag '68.

Shal'va, M. M., and others. - Preheat-day methods of physicochemical tests of cement. *Trudy Giprotsment. no. 35:37-38 '68.*

Shtaris, V. I. and others. - Electron microscope and thermographic studies of hydration processes in quick hardening slag portland cements. *Tshumsk. 34* no. 5:15-16 5-6 '68.

Shternikova, I. A., Chuprikova, M. I. - Technical consultation. *Tshumsk. 34* no. 5:21 5-6 '68.

Shternikova, I. A., and others. - Improving technology and equipment of cement plants. *Trudy Giprotsment. no. 35:13-15 '68.*

Bergslev, O. K. - Determining dynamic moduli of longitudinal and transverse elasticity, Poisson's ratio, and decrements of concrete. *Izv. po mekh. stroit. mat.* 1 konstr. no. 2:64-78 '67.

Shubin, V. I., Trushkina, I. U. - Efficient use of refractory materials. *Tshumsk. 34* no. 5:15 5-6 '68.

Shchegolev, E. D. - Intensifying the process used for cutting seams in freshly poured concrete concrete pavement. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1: 116-120 '67.

Shchegolev, E. D., and others. - Using new methods in the analysis of the service life of rotary kiln linings. *Trudy Giprotsment. no. 35:124-130 '68.*

Solovnikov, A. B. - A composite field in concrete mix under vibratory action. *Izv. po mekh. stroit. mat.* 1 konstr. no. 1: 17-22 '67.

Sokolov, V. I. - Increasing the working cycles of molds at reinforced concrete plants. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 10 no. 1:78-85 '67.

Sokolov, I. G., Shchegolev, E. D. - Use of vibration conveyors for transportation stiff concrete masses. *Stek. i ker.* 24 no. 1:32-37 Ja '68.

Sapozov, V. M. - Phosphoric sludge in cement production. *Tshumsk. 34* no. 5:17 5-6 '68.

Solovnikov, V. V., Liozovskii, R. L. - Evaluating the uniformity of hydraulic engineering. *Energ. stroit.* no. 3: 40-48 '67.

048.8 (Continued)

- Kol'tnikov, V. V. - Recommendations on use of surface-active additives to concrete in large dams. *Gidr. stroit.* 35 no. 10-11 O '68.
- Syober, M. A., Kopina, O. I., Khabukhvala, A. P. - Properties of liquid phase and the structure of cements. *Trudy Giprotekhn.* no. 35-37-278 '68.
- Telere, V., Litsa, G. - Effect of the microstructure of foamed concrete on its strength. *Izvestiya, stroit. mat. i konstr.* no. 1 p. 88-88 '67.
- Tilley, R. S., and others. - Possibilities for increasing the efficiency of gravity cyclic-action concrete columns. *Energ. stroit.* no. 3 46-48 '67.
- Titcher, V. V. - Improving the grinding technology. *Trudy Giprotekhn.* no. 35-37-278 '68.
- Teygakov, I. I. - Economic indices of a mechanized molding of pre-cast reinforced concrete products. *Stroitel'stvo* 23 no. 5:77-79 Je '68.
- Volberg, G. S. - Increased productivity of rotary kilns at higher rotation speed. *Tekhnika* 34 no. 5:113-14 S-O '68.
- Vod, E. I., Ngan Van Thien. - Study of the liquid phase of hydrated portland cement with inorganic salt additives. *Tekhnika* 34 no. 5:67-7 R-O '68.
- Vinogradov, B. M., Ilyashenko, A. K. - Some processes of autoclave hardening of concrete. *Izv. vuzov, stroit. i arkh.* 10 no. 11:74-78 '67.
- Volkovskii, B. V., and others. - Investigating conversion kinetics of a portland cement charge by physicochemical methods. *Trudy Giprotekhn.* no. 35-37-278 '68.
- Volkovskii, B. V. - Technical progress and development of research work in the All-Union State Scientific Research and Planning Institute of the Cement Industry. *Trudy Giprotekhn.* no. 35-37-278 '68.
- Volkov, V. A., Gorbachev, D. E., Kim Kh. Be. - Full-scale investigation method on the condition of reinforced concrete shells of water cooling towers. *Energ. stroit.* no. 3-52-54 '67.
- Voskresenskiy, V. A. - Dispersion analysis of concrete with varying degree. *Trudy Khim. polim. i met.* no. 7 18-26 '67.
- Zeleni, I. T., Nikol'skiy, I. M. - Refraction effect in checking alignment of the axis of rotation in a rotary kiln. *Tekhnika* 34 no. 5:10-10 S-O '68.
- Zolotarev, A. A. - Repairing the foundation of a furnace without shutting it down. *Tekhnika* 34 no. 5:12-29 S-O '68.
- Zoshchik, N. I., Krasova, M. P. - Efficiency of using slag portland cement. *Tekhnika* 34 no. 5:14 S-O '68.

048.9(471.82)—Krasnodar Territory

- Vyal'fer, M. I., Pater, K. K. - Efficient methods for assembling technological equipment of a cement plant. *Izv. i spets. rab. v stroit.* 28 no. 5:7-9 Je '68.

048.9(471.82)—Krasnodar Territory

- Mikhaleva, L. M., Krasova, O. I., Karpova, E. M. - Study of the analogs of solid and antiradiation dyes containing large alkyl radicals. *Khim. i tekhn. i met.* 30 no. 8:1237-1243 Ag '68.
- Polyakov, N. A., Furman, I. A. - Amperometric determination of dyes using phosphomolybdic acid. *Izv. vuzov, stroit. i arkh.* 11 no. 11:237-244 '68.
- Rastvorov, K. V., Dolob, M. T. - Production of colored fine bricks by the treatment with nonsoluble salts. *Stroitel'stvo* 24 no. 5:117-18 '68.

048.9(471.82)—Krasnodar Territory

- Orlov, L. M., Zabolina, K. A. - Determining the content of the dyes substances in commercial types of red dyes. *Tekhn. prom.* 28 no. 10:43-48 O '68.
- Mikhaleva, L. M., Krasova, O. I., Karpova, E. M. - Study of the analogs of solid and antiradiation dyes containing large alkyl radicals. *Khim. i tekhn. i met.* 30 no. 8:1237-1243 Ag '68.
- Phiss, G. B. - Carotene-like properties of dyes forming a covalent bond with cellulose (the resorcinol group). *Trudy Kazansk. nauch. i med. inst. im. I. I. Mechnik.* 3:23-26 '67.

048.9(471.82)—Krasnodar Territory

- Bar'yakov, I. I., and others. - Chemical composition of turpentine oil as the indicator of biological forms of *Pinus silvestris* L. *Dokl. AN SSSR* 23 no. 3:244-246 Itr '68.
- Osipovskiy, L. A., Kravtsov, I. I. - Prospects for using metal glasses. *Prilozheniya* no. 4:39 Ap '68.
- Shestakov, M. P., Kryukov, I. A., Tolstov, E. L. - Solubilization of natural resins and synthetic high-molecular compounds. *Koll. zh.* 23 no. 4:230-234 Ji-Ag '68.

048.9(471.82)—Krasnodar Territory

- Pravov, E. - Basic trends of machinery and technology improvement in the glue and gelatine industry. *Mash. i met.* 30 no. 10:18-18 D '68.
- Kozlov, A. - Growth of the industry and specialization of people controlling it. *Mash. i met.* 30 no. 13:13-16 D '68.
- Krasova, M. - Operation of enterprises under new economic conditions. *Mash. i met.* 30 no. 13:16-17 D '68.

048.9(471.82)—Krasnodar Territory

- Chiriyev, M. A., Dzizachev, A. K., Pecherova, V. A. - Neutral substances of the resin of *Abies milleriana*. Part 3: Structure of oxygenated compounds. *Khim. prirod. sost.* no. 2:168-68 '67.

048.9(471.82)—Krasnodar Territory

- Gromov, V. V., Apilyay, V. I. - Adsorption of some organic dyes from aqueous solutions by precipitates of BaSO₄ of high radioactivity. *Radiofizika* 4 no. 5 332-333 '68.

048.9(471.82)—Krasnodar Territory

- Dalitskiy, E. A., Tsvetkovskiy, B. Z., Sergeev, V. I. - Scrubbing fine gases of the installation for iron decarburization in the ladle. *Met. i koksholm.* no. 9-154-155 '68.
- Khmara, E. M., and others. - Hard alloy dies for cold die punching. *Mashinostroitel'* no. 8:31-33 S '68.
- Dykhov, V. F. - Reducing the decarburization of steel. *Metalurg* 11 no. 10:23-24 O '68.
- Lebedev, B. F., Kuznetsov, L. G. - Experience in building the castings of converters for a 60 to 120 ton charge. *Mosh. i spets. rab. v stroit.* 28 no. 5:27-31 My '68.
- [Metalurgy] Ref. zhurn. *Met.* nos. 9-10 S-O '68.
- Fernan, K. E., Cherkashina, T. V. - Determination of gallium in an alloy on silicon bars. *Zav. lab.* 34 no. 5: 577 '68.
- Pravov, E. - Credit ties with the metallurgical and the chemical industry. *Dokl. i izv.* 28 no. 10:10-18 M '68.
- Prokoshin, D. A., Bakhtinskiy, A. G., Vasil'eva, A. G. - Basic trends in the development of methods for increasing the strength of structural alloys. *Izv. vuzov, stroit. i arkh.* no. 11:75-188 '68.
- Rogulev, B. A. - Vacuum treatment of steel in the ladle. *Metalurg* 11 no. 10:23-24 O '68.
- Savitskiy, E. I., and others. - Dependence of the dispersion of oxide particles on the degree of deoxygenation of artificial crucibles during its fusion. *Tsvet. met.* 41 no. 11:55-51 M '68.
- Shchukin, M. F. - Economics of quality. *Metalurg* 11 no. 10:23-24 O '68.
- Daglashev, E. M., Bogdanov, D. A. - Use of polymeric materials in hydrometallurgy. *Stroitel'stvo, mash. i elektromet.* AN SSSR 30 no. 7-48-51 '67.
- Vasnerova, A. M., and others. - Determination of oxygen in steels by reduction melting in an argon flow using the "Kakomskiy O" apparatus. *Zav. lab.* 34 no. 5:123-121 '68.

048.9(471.82)—Lipetsk Province

- Donitskiy, M. P., Potcher, I. M. - Industrialization of heat-insulating work in the construction of an oxygen-converter complex. *Mosh. i spets. rab. v stroit.* 28 no. 5:4-18 My '68.

048.9(471.82)—Lipetsk Province

- Brachkov, A. - Distilled by means for the people. *Sov. profsoyuz* 34 no. 17:4 S '68.

048.9(471.82)—Lipetsk Province

- "Metalurgy" Period. *Proizv. i met.* 30 no. 10:11-14 '68.

048.9(471.82)—Lipetsk Province

- Garin, S. - The forests from Tagil. *Okolish'* no. 9: 173-174 S '68.

048.9(471.82)—Lipetsk Province

- Krasovskiy, V. M., Krasova, V. E. - Structure of oxide particles produced by cathode sputtering. *Izv. AN SSSR, Ser. fiz.* 33 no. 5:1804-1807 Je '68.
- Petrov, I. M., Andreeva, L. M. - Study of the physico-mechanical properties of iron precipitates from sulfate-chloride electrolytes. *Trudy Khim. i tekhn. i met.* 30 no. 8:1237-1243 Ag '68.
- Shchukov, V. K., Kozlovskiy, I. A., Rykova, L. M. - Polymorphism of molybdenum dihydride. *Dokl. AN SSSR* 23 no. 5:1237-1241 '68.
- Ukrashev, U. S., Pravov, E. D., Galka, B. D. - Electron optical investigation of the structure of films of titanium produced by cathode sputtering. *Izv. AN SSSR, Ser. fiz.* 33 no. 5:1804-1807 Je '68.

048.9(471.82)—Lipetsk Province

- Oslov, L. B., Kaprtov, V. A., Krasovskiy, A. P. - Methods of high-temperature testing of high-melting metals in vacuum. *Zav. lab.* 34 no. 5:280-283 '68.
- Kryukov, V. V., and others. - Production of secondary magnesium alloys containing strontium. *Lit. protyv.* no. 1:22-28 Ja '68.

048.9(471.82)—Lipetsk Province

- Lidskii, V. B. - Acetate-manganese cast iron as a material for parts working under conditions of increased wear. *Trudy Tskh. i tekhn. i met.* 10:2-8 '68.

048.9(471.82)—Lipetsk Province

- Lidskii, V. B., Fedina, A. I. - Wear resistance of construction machines sliding bearings made from acetate-manganese cast iron. *Trudy Tskh. i tekhn. i met.* 10:14-19 '68.

048.9(471.82)—Lipetsk Province

- Lidskii, V. B., Melnitskiy, M. U., Tashay, S. - Effect of annealing on the hardness and resistance of acetate-manganese cast iron to abrasive wear. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Lidskii, V. B., Stanchev, D. I. - X-ray study of the surface layers of acetate-manganese cast iron subjected to wear from sliding friction with lubricants containing abrasives. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Lidskii, V. B. - Wear resistance of acetate-manganese cast iron during sliding friction without lubrication. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Reshetnikov, L. A. - Form of the dependence of heat of formation on the composition of the homogeneity region of high-melting compounds. *Izv. AN SSSR, Ser. fiz.* 4 no. 5:708-710 My '68.

048.9(471.82)—Lipetsk Province

- Shchukov, D. I., Lidskii, V. B. - Technical and economic evaluation of the effectiveness of replacing bronze slide bearing with acetate-manganese cast iron bearings in excavators. *Trudy Tskh. i tekhn. i met.* 10:43-43 '68.

048.9(471.82)—Lipetsk Province

- Manchev, D. I. - Wear testing of acetate-manganese cast iron on excavators. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Volkov, A. M. - Effect of annealing after tempering on abrasive wear resistance of manganese cast iron modified with magnesium and Cu. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Volkov, A. M., Lidskii, V. B., Tashay, S. - Abrasive wear resistance of acetate-manganese cast iron. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Volkov, A. M., Tashay, S. - Effect of the manganese content on the abrasive wear resistance of acetate-manganese cast iron. *Trudy Tskh. i tekhn. i met.* 10:23-23 '68.

048.9(471.82)—Lipetsk Province

- Barin, A. L. - Analysis of gas flow distribution along the periphery of a blast furnace. *Mosh. i spets. rab. v stroit.* 28 no. 5:44-48 '68.

048.9(471.82)—Lipetsk Province

- Dobrov, V. P., Strizhenko, L. G., Cherepov, I. A. - Dynamics of the drive of bells, and resistance of a charging equipment of blast furnaces. *Mosh. i spets. rab. v stroit.* 28 no. 5:13-14 '68.

048.9(471.82)—Lipetsk Province

- Gerasimov, A. A. - Heat balance of blast furnace smelting in melting ores and slimes of various reducibility. *Mosh. i spets. rab. v stroit.* 28 no. 5:76-79 '68.

048.9(471.82)—Lipetsk Province

- Gerasimov, A. A., Madvedev, M. M. - Influence of gas flow distribution over a given section on the heat balance in a blast furnace. *Mosh. i spets. rab. v stroit.* 28 no. 5:76-79 '68.

048.9(471.82)—Lipetsk Province

- Gorbanov, I. O. - Principles of calculating roller and gear drives for the feed of electric drives. *Mosh. i spets. rab. v stroit.* 28 no. 5:144-150 '68.

048.9(471.82)—Lipetsk Province

- Kozlov, S. K. - Problem of increasing the wear resistance of blast furnace charging equipment. *Mosh. i spets. rab. v stroit.* 28 no. 5:144-150 '68.

048.9(471.82)—Lipetsk Province

- Kozlov, S. K. - Possibilities of increasing air blast temperature, and moistening the blown in all during intensive operation of blast furnaces using natural gas. *Mosh. i spets. rab. v stroit.* 28 no. 5:30-44 '68.

048.9(471.82)—Lipetsk Province

- Lapa, A. M. - New principles in calculating blast furnace. *Mosh. i spets. rab. v stroit.* 28 no. 5:70-88 '68.

048.9(471.82)—Lipetsk Province

- Lapa, A. M., Khramov, M. D., Kozlov, S. K. - Using the feed mass for blast furnaces. *Mosh. i spets. rab. v stroit.* 28 no. 5:88-91 '68.

048.9(471.82)—Lipetsk Province

- Laptev, V. I. - Using gas and the working volume of a blast furnace. *Mosh. i spets. rab. v stroit.* 28 no. 5:84-92 '68.

048.9(471.82)—Lipetsk Province

- Laptev, V. I., Myasnikov, G. A., Tsvetkov, V. I. - Combustion furnace for the processing of molten concentrates. *Tsvet. met.* 41 no. 11:23-28 N '68.

048.9(471.82)—Lipetsk Province

- Orlovskiy, L. V. - Investigating the temperature of refractory made along the blast furnace iron work before the tapping of cast iron. *Mosh. i spets. rab. v stroit.* 28 no. 5:112-118 '68.

048.9(471.82)—Lipetsk Province

- Pokrasov, V. V., and others. - Controlling and regulating the distribution of gas flow in blast furnaces. *Mosh. i spets. rab. v stroit.* 28 no. 5:88-91 '68.

048.9(471.82)—Lipetsk Province

- Prishchikov, V. M. - Improving the work of blast furnace capacity open hearth plants with combined oxygen and flux. *Khoz. i organ. prom. i stroit.* no. 3:40-44 '68.

048.9(471.82)—Lipetsk Province

- Sedukh, V. A. - Investigating clay gases for the tapping of iron nodules. *Mosh. i spets. rab. v stroit.* 28 no. 5:112-118 '68.

048.9(471.82)—Lipetsk Province

- Sedukh, V. A. - Physicochemical properties of the waste slag. *Mosh. i spets. rab. v stroit.* 28 no. 5:112-118 '68.

048.9(471.82)—Lipetsk Province

- Stetskiy, D. A. - Controlling the diameter of blast furnace charging equipment in connection with the increase of the angle of inclination of contact materials. *Mosh. i spets. rab. v stroit.* 28 no. 5:112-118 '68.

048.9(471.82)—Lipetsk Province

- Tokhtogly, A. V., and others. - Heat transfer from the melt and slag to the cast-iron-protected surface. *Tsvet. met.* 41 no. 11:23-28 N '68.

048.9(471.82)—Lipetsk Province

- Volkov, A. M., Lapa, A. M. - Distribution of melt between the phases forming ore and slag mixtures. *Mosh. i spets. rab. v stroit.* 28 no. 5:70-88 '68.

048.9(471.82)—Lipetsk Province

- Khramov, M. D., Tsvetkov, V. I., Tsvetkov, M. I. - Efficient design of blast furnace strokes. *Mosh. i spets. rab. v stroit.* 28 no. 5:112-118 '68.

048.9(471.82)—Lipetsk Province

- Franchik, V. - Headquarters and a blast furnace. *Mosh. i spets. rab. v stroit.* 28 no. 5:88-91 '68.

048.9(471.82)—Lipetsk Province

- Grigorenko, A. M. - Efficient organization of the repair of blast furnaces. *Khoz. i organ. prom. i stroit.* no. 3:40-44 '68.

048.9(471.82)—Lipetsk Province

- Khramov, M. D., Grigorenko, A. M., Prishchikov, V. M. - Work methods in planning and organization of the repair of blast furnaces. *Khoz. i organ. prom. i stroit.* no. 3:40-44 '68.

048.9(471.82)—Lipetsk Province

- 048.9(471.82) Heat processing

- Melnykov, D. M. - Combustion process of producing malleable cast iron using the heat of casting. *Mosh. i spets. rab. v stroit.* 28 no. 5:132-132 '68.

048.9(471.82)—Lipetsk Province

- Zvorykina, D., Stetskiy, D. - Important national economic problem. *Mosh. i spets. rab. v stroit.* 28 no. 5:77-82 D '68.

048.9(471.82)—Lipetsk Province

- 048.9(471.82) Metal refining generally

- Kozlovskiy, A. A., and others. - Electrolytic refining of antimony in fused salts. *Tsvet. met.* 41 no. 11 36-42 M '68.

048.9(471.82)—Lipetsk Province

- 048.9(471.82) Metal refining

- Makhovskiy, V. P., and others. - Heat treatment of malleable for deep drawing. *Tsvet. met.* 41 no. 11:80-81 N '68.

048.9(471.82)—Lipetsk Province

- 048.9(471.82) Ferrous metals. Iron. Steel

- Alievskiy, V. A., Kharov, A. G. - Using solder in electrical steel. *Metalurg* 12 no. 12:16-17 D '68.

600.1 (Continued)

- Aliev, O. M., Mirza-zade, M. M., Mamedov, K. Kh. - Improving the design of bells for modifying cast iron composition. *Za tekh. prog.* 8 no. 18-23-31 O '88
- Alifan, V. P. - Effect of powdered in vacuum and electro-deposited films of antimony on permeability of electrolytic hydrogen through steel membranes. *Uch. zap. Perm. gos. un.* no. 11:44-51 '84
- Alifan, V. P., Prager, I. A. - Effect of alternating magnetic field on electrolytic hydrogen absorption by steel UGA. *Uch. zap. Perm. gos. un.* no. 11:62-64 '84
- Asatbek, K. K., and others. - New standards for precision alloys. *Stand. i kach.* 32 no. 12:18-18 D '88
- Asatbek, A. S., Mamedov, K. P. - Weldability of the AlNiCoMB type of high-strength babbitt steel. *Svar. protsv.* no. 9:13-15 '88
- Ardenko, V. P., Monim, I. U. A., Furman, Kh. M. - Method of calculating reciprocal influences of elements in steel. *Zav. lab.* 34 no. 8:855-858 '88
- Babich, O. A., Klykova, G. L. - Influence of welding conditions on the sensitivity to stress concentration of welded joints from 15Kh2ND steel. *Svar. protsv.* no. 11:2-4 '88
- Barinov, A. A., Dunin, K. P. - Growth mechanism in cast iron and graphite steel. *Lit. protsv.* no. 1:23-25 Ju '88
- Belov, M. M. - Welding in carbon dioxide of high-strength thermally hardened 12Kh2ND1F steel. *Svar. protsv.* no. 9:21-23 '88
- Belov, M. M., Klykova, G. L., Mikheev, M. D. - Desulfurization of cast iron in the ladle. *Metallurg* 11 no. 12:12-14 O '88
- Bobrovskikh, I. E., Zhukov, A. A. - Casting of cycloidal shells in shells with vertical parting line. *Lit. protsv.* no. 11:23 '88
- Borovskikh, V. M., and others. - Oxidation of silicon in smelting electrical steel in 300-ton open-hearth furnaces. *Metallurg* 12 no. 12:12-14 D '88
- Boris, L. L., Anisimov, V. M., Iukhin, I. Z. - Causes of large-scale combustion of tuyeres. *Metallurg* 12 no. 12:12-14 D '88
- Borovskikh, L. V., Petrov, G. L. - Influence of hydrogen on the crack formation in the weld-affected zone in welding hardening steels. *Svar. protsv.* no. 11:13-15 '88
- Bryun, M. P., Skok, I. U. A. - Influence of cerium on the properties and structure of cast iron. *Lit. protsv.* no. 8:33-34 Ag '88
- Bryun, M. P., and others. - Calculating plastic bending taking into consideration unevenly distributed temperature, speed and degree of deformation on the thickness of the strip. *Obob. AM (vys. shk.)* 51 no. 11:147-158 Ji '88
- Cherdashev, V. A. - Experience in recycling exhaust gas and flue-gas pumps. *Mekh. i spets. rab. v stroit.* 38 no. 11:7-8 M '88
- Chernov, N. M., Doroninova, I. V., Kravchenko, G. G. - Influence of the methods of steelmaking on the quality of castings. *Lit. protsv.* no. 11:34 '88
- Chesak, V. M. - Improving planning for the consumption of coke as an important potentiality for reducing the cost of iron. *Ekon. i organ. prom. protsv.* no. 2:157-159 '88
- Dalchik, K. A., Tsvetkovskii, N. Z., Begerov, V. I. - Scrubbing fine gases of the installation for iron desulfurization in the ladle. *Met. i kochekhin.* no. 8:144-154 '88
- Dudchikov, K. V. - Determination of the composition of nonmetallic inclusions in steel steel desulfurized by ferrocerium. *Zav. lab.* 34 no. 8:1034-1038 '88
- Dukovina, I. M., Zharikova, D. M., Ivanova, P. P. - Phase analysis of ferritic steel with intermetallic strengthening. *Zav. lab.* 34 no. 8:977-978 '88
- Kozlovskiy, V. V., Tsybelskiy, G. L., Doronin, N. M. - Melting of low-alloy cast iron using magnesium slag. *Metallurg* 12 no. 12:13-15 D '88
- Makarov, S. K., Chelishnikov, S. L. - Improving the quality of ferroalloys as factor in improving the quality of steel. *Metallurg* 11 no. 10:10-12 O '88
- Makarov, S. K., Petrov, A. P., Milin, K. E. - Results of investigating 16Kh2F manganese vanadium steel with nitrogen. *Prom. stroit.* 45 no. 8:18-20 '88
- Mokhov, I. P., Gilmann, G. L. - Insulating cast iron with boron acid upon decomposition. *Lit. protsv.* no. 8:24-25 Ag '88
- Orlov, M. E., Zelitskii, I. D., Tsybelskiy, G. L. - Investigating wear-resistance properties of white cast iron. *Lit. protsv.* no. 8:1-3 Ag '88
- Orlovskiy, I. T. - Production of highly overheated cast iron in copoles. *Lit. protsv.* no. 10:8-10 O '88
- Gavrilov, A. A. - The "DN" wetting agent for hydraulic removal of cast. *Metallurg* 12 no. 12:11-12 D '88
- Orlovskiy, V. M., Stokobov, V. I. - Assembly of air ducts with enlarged joints. *Metallurg* 12 no. 12:12-14 D '88
- Orlovskiy, I. V., and others. - Improving the quality of thin-walled castings in G13L steel. *Lit. protsv.* no. 8:27-28 Ag '88
- Orlovskiy, S. M. - Improving the quality of preparing secondary ferroalloys. *Metallurg* 11 no. 10:38-40 O '88
- Iskhakov, M. M., Olovyanov, V. G. - Standardized automatic couplings of various design made of carbon steel. *Trudy TMBI MPB* no. 365:4-13 '88
- Iskhakov, M. M. - Highly durable automatic couplings made of low-alloy steel. *Trudy TMBI MPB* no. 365:13-14 '88
- Kryukov, G. V., Romanov, O. M., Kikilak, M. L. - Methods of estimating the cold brittleness of high-carbon steel by means of testing for static torsion. *Zav. lab.* 34 no. 8:1001-1004 '88
- Kudachina, A. M., Ivanova, L. G. - New potentials in steelmaking cast and profitability of steelmaking in a transition to new conditions of work. *Metallurg* 12 no. 12:12-14 D '88

- Kirichak, I. U. P., Solov, V. M. - Magnetic properties of cast carbon steel. *Lit. protsv.* no. 10:38-40 O '88
- Klatsa, D. A. - Calculation of recovery yield by individual sintering machines. *Met. i kochekhin.* no. 9:3-9 '88
- Klochko, V. S. - Evaluating trends in the specialization of iron foundry production. *Lit. protsv.* no. 10:2-4 O '88
- Kosov, A. T., Plashka, M. F., Sadreev, B. A. - Influence of boron acid on primary graphitization of malleable cast iron. *Lit. protsv.* no. 8:36 Ag '88
- Kosov, R. P., and others. - Effect of the pouring method on the quality of 17G5 steel. *Metallurg* 12 no. 12:16-19 D '88
- Kosov, R. P., and others. - Influence of rare-earth metals on the quality of structural steel. *Metallurg* 11 no. 10:17-20 O '88
- Kosov, R. P. - Change of mechanical properties of steel during its polarization in some anhydrous solutions. Part III: *Uch. zap. Perm. gos. un.* no. 11:53-57 '84
- Kosov, R. P. - Diffusion of hydrogen through steel cathodes during polarization in some anhydrous solutions. *Uch. zap. Perm. gos. un.* no. 11:58-62 '84
- Korovin, V. K., and others. - Milling of ferroalloy in high-capacity blast furnaces. *Metallurg* 11 no. 10:10-12 O '88
- Korovin, V. K., and others. - Improving the quality of castings in high-strength steels. *Lit. protsv.* no. 11:2-4 '88
- Kosov, R. P., Iskhakov, M. M. - Highly durable manganese-silicon steel for casting parts of friction absorbing devices. *Trudy TMBI MPB* no. 365:43-58 '88
- Kryukov, A. E., and others. - Distribution of vanadium between phases in white cast iron, and its influence on the structure and hardness. *Lit. protsv.* no. 8:23-27 Ag '88
- Kurbatov, M. L., and others. - Influence of chemical composition of high-manganese steel on its wear resistance. *Lit. protsv.* no. 8:18-8 '88
- Kushakov, A. N., Kozlov, V. V. - Corrosion resistance of heatproof steel welded joints in the production of structural and industrial. *Svar. protsv.* no. 11:24-27 M '88
- Lakodanovskiy, A. V., Iakubish, M. M., Abramchenko, I. U. K. - Production of high-strength gray iron castings. *Lit. protsv.* no. 11:2-4 '88
- Lakodanovskiy, V. L., Torkhov, G. F. - A liquid metal absorbing nitrogen from a plasma. *Dokl. AN SSSR* 183 no. 1:87-89 '88
- Lekht, I. A. - Economic aspects of standardization activities at the Metallurgical Combine "V. I. Lenin." *Stand. i kach.* 33 no. 10:12-13 O '88
- Lerina, N. - Funds and norms. *Plan. khoz.* 48 no. 1:54-63 Ju '88
- Likhtovskiy, K. V., Baidakov, B. M. - The AV-8 flux for welding high-strength steels. *Svar. protsv.* no. 11:30 M '88
- Lis, G. B., Shleiberg, I. A. L. - Wear resistance of hardened and rolled cylindrical surfaces of gray iron machine parts. *Art. prom.* 34 no. 8:23-25 '88
- Makarov, P. K., and others. - Resistance of heat-treated welding of thick-walled large-size pipes in 16Kh2F steel. *Svar. protsv.* no. 8:23-24 '88
- Makarov, V. A. - Weldability of low-alloy 16Kh2F and 16Kh2F steels. *Svar. protsv.* no. 8:19-21 '88
- Makarov, V. A., Baidakov, B. M. - Corrosion resistance of welded joints from 16Kh2F steel in certain process solutions. *Svar. protsv.* no. 8:23-25 '88
- Mokhov, I. A., Kolybabin, I. I., Krasnov, A. B. - Cost accounting interrelationship between blast-furnace plants and steel foundries. *Metallurg* 12 no. 12:34-38 D '88
- Mikhelson, M. L., and others. - Study of the disperse composition of aerosol particles formed in the converter production of steel with oxygen blowing. *Zav. lab.* 34 no. 8:984-988 '88
- Mokhov, K. B., Polukarov, M. N. - Effect of arsenic on hydrogen absorption by steel the process of slow electrodeposition on steel. *Uch. zap. Perm. gos. un.* no. 11:37-43 '84
- Mokhov, K. B., Cheschikov, I. U. F., Shabrov, A. S. - Low-alloy steels used in domestic and foreign automobile industry. *Art. prom.* 34 no. 8:44-46 Ag '88
- Orlov, I. U. A., and others. - Regulation of the distribution of gas flow in a blast furnace stack. *Metallurg* 12 no. 12:3-5 D '88
- Orlov, A. I., Gaidik, A. A. - Studying the corrosion behavior of carbon steel in aqueous solutions of CO₂. *Korr. i mashin. v nefteob. prom.* no. 3:2-5 '88
- Plashka, M. F., Chich, V. A., Iskhakov, A. L. - Inter-crystalline segregation in hypoeutectic magnesium iron. *Lit. protsv.* no. 10:37 O '88
- Polukarov, M. N., and others. - Improving the technology of smelting 40Kh steel. *Lit. protsv.* no. 8:24 Ag '88
- Popov, V. S., Bryukov, M. M. - Resistance of iron castings to abrasive wear. *Lit. protsv.* no. 8:4-8 Ag '88
- Prishchikov, M. M. - Oxygen converting of steel in foundries. *Lit. protsv.* no. 8:27 Ag '88
- Privalov, M. M. - Basic objectives of building assembly workers in fulfilling the five-year plan for the development of ferroalloy metallurgy. *Mekh. i spets. rab. v stroit.* 38 no. 6:1-4 Ju '88
- Rakovskiy, I. I., Ytarenko, S., Polozov, V. - Comparative investigation of wear resistance of 2Kh2ND1F and 16Kh2F steels. *Prom. stroit.* 45 no. 8:24-26 '88
- Rakov, M. M. - Chemical heterogeneity of steel centrifugal castings. *Lit. protsv.* no. 11:24-25 Ju '88
- Rogov, B. A. - Vacuum treatment of steel in the ladle. *Metallurg* 11 no. 10:22-24 O '88

- Sal'man, B. Sh., Kharov, V. F., Molodtsov, V. A. - Eliminating chemical heterogeneity of cast iron for solid-bottom ladle molds. *Lit. protsv.* no. 8:44-45 Ag '88
- Salov, E. - Steel from Siberia. *NTO M* no. 11:8-9 M '88
- Samarin, A. A. - Methods of inoculating cast iron with magnesium. *Lit. protsv.* no. 10:26-27 O '88
- Sadash, V. I. A. - Physicochemical properties of tap hole plug balls. *Met. i kochekhin.* no. 9:118-121 '88
- Shagimov, I. A., Ost'man, A. A. - Risks for castings from magnesium cast iron. *Lit. protsv.* no. 10:26-27 O '88
- Shaplev, I. U. S., Kiselev, M. P. - Equipment for the determination of the heat resistance of cast iron. *Zav. lab.* 34 no. 8:1011-1012 '88
- Shcherbak, M. R., Lelchikov, K. I. - Dependence of mechanical properties of the weld-affected zone of structural steels on the thermal cycle of welding. *Svar. protsv.* no. 11:8-7 M '88
- Shela, K. A., Muryukin, A. A., Primak, L. I. - Forecasting the duration of the open hearth process. *Ekon. i organ. prom. protsv.* no. 2:159-163 '88
- Skorodumov, S., and others. - Effect of thermomechanical parameters in forging on the quality of disks made of chrome-nickel-tungsten steel. *Proiz. Arm.* 40 no. 6:60-64 '88
- Stepanov, S. I., Koshina-Polko, K. B. - Corrosion of steels and nickel-chromium alloys in the mixtures of fused chlorides. *Khar. i kochekhin.* 35 no. 8:188-188 Ag '88
- Stetsenko, B. A., Litvinenko, D. A. - Inoculation of steel to form cracks depending on the direction of rolling. *Prom. stroit.* 45 no. 10:48-47 '88
- Turba, I. U. M., and others. - Electron probe of nodular graphite in certain cast iron. *Lit. protsv.* no. 8:31-33 Ag '88
- Tinokov, M. M., Kabanov, A. S., Karimovskiy, K. L. - Welding of cast heat-resistant Fe-25Cr-Al alloy. *Svar. protsv.* no. 11:18-20 M '88
- Titov, V. K., Makarov, M. F. - Calculation of iron and steel by the method of vaporization of aluminum under vacuum. *Zhuk. prikl. khim.* 35 no. 8:1743-1753 Ag '88
- Troshin, I. I., Korotkiy, I. U. M. - Alloying of structural steels in the ladle with granulated ferrochromium. *Metallurg* 12 no. 12:14-15 D '88
- Vasilevskiy, P. F., Nazarenko, V. V., Baidakov, B. M. - Characteristics of the texture and mechanical properties of steel in large castings. *Lit. protsv.* no. 8:1-3 M '88
- Vlasov, V. I., Kozlovskiy, K. I., Anisimov, A. A. - Optimal parameters of pulsation hardening of frog cores. *Vest. TMBI MPB* 37 no. 8:41-48 '88
- Vodovik, G. A., Lev, I. E. - Distribution of sulfur between the phases forming ore and other structures. *Met. i kochekhin.* no. 8:188-188 '88
- Vorobey, M. L., Sviridov, A. O. - Large precast castings. *Lit. protsv.* no. 11:8-7 M '88
- Yalov, G. Z., Koshin, P. I., Parashkov, P. M. - Fatigue resistance of steels and welded joints used in hydraulic turbine construction under asymmetric loads. *Energomashinostroyeniye* 14 no. 8:56-58 '88
- Yakovlev, K. B., Pogrebnik, E. M. - Grid graphite. *Lit. protsv.* no. 8:30-31 Ag '88
- Yalovskiy, V. F., Kravtsov, I. A., Shabrov, D. G. - Treatment of 16Kh2ND1F steel with synthetic slag. *Metallurg* 11 no. 10:34-36 O '88
- Zemakov, G. V., Kogala, R. L., Kuznetsov, A. V. - Surface addition alloying of the 2Kh2ND1F alloy by aluminum and silicon. *Zashch. met.* 4 no. 8:897-898 H-D '88

600.1(477)—Ukraine S. B. R.

- Chesak, V. M., Stralits, A. I., Morozov, M. M. - Organization and planning for supplying metallurgical plants with scrap metal. *Ekon. i organ. prom. protsv.* no. 2:156-173 '88
- Danilov, N. S. - Dissemination of progressive industrial experience by Ukrainian party organizations between the 23d and 24d Congresses of the CPSU. *Mekh. i spets. rab. v stroit.* no. 18:24-28 '88

600.1(477.31)—Moscow Province

- Gerasimov, A. - A businesslike approach. *Otkr. trade i spets. stroit.* 33 no. 8:28-29 Ju '88

600.1(477.5)—Donetsk Basin

- Lozhnikov, V. I. A., Kondrashev, M. M., Spota, A. M. - Improving the quality of steel at the Komsomolsk Metallurgical Plant. *Metallurg* 11 no. 10:16-17 O '88

600.1(571)—Astoria R. S. F. S. R.

- Time to move forward. *Sov. protsvet* 34 no. 17:21-24 '88

600.3 Nonferrous metals

- Chapchigova, A. G., Ivanov, S. I. - Determining the degree of contamination of nonferrous scrap metal. *Tsvet. met.* 41 no. 11:88-90 M '88
- Golovobanov, V. S., Dobrovol'skiy, V. P. - Thermal planning of titanium and its alloys. *Svar. protsv.* no. 8:27-30 '88
- Gorodkov, A. I. - Electron beam welding of BTM titanium alloy. *Svar. protsv.* no. 11:23-25 M '88
- Orlovskiy, G. A., and others. - Installation of two modifications of the gamma-electron method. *Tsvet. met.* 41 no. 11:13-11 M '88
- Orlovskiy, S. M., and others. - Weldability of β -alloys of titanium alloys by 30% molybdenum. *Svar. protsv.* no. 8:27-30 '88
- Kovalev, K. K., Kline, T. P. - Welding of an experimental vacuum apparatus in AT3 titanium alloy. *Svar. protsv.* no. 11:41-43 M '88

699.2 (Continued)

- Krivonozhev, A. K., and others. - Distribution of vanadium between phases in white cast iron, and the influence on the structure and hardness. *Lit. protzv.* no. 8-25-21 Ag '64.
- Lukashov, L. P., Lyzovskii, O. A., Potashov, V. A. - Combination furnace for the processing of sulfate concentrates. *Tsvet. met.* 41 no. 11:13-14 M '64.
- Matkharidze, V. M., Shorokhov, M. Kh., Floridski, I. U. B. - Influence of gas content on the trend to delayed fracture and the cold crack formation in welding titanium alloys of the Ti - Al - Zr system. *Sov. protzv.* no. 11-12 M '64.
- Mudaliri, I. A. M., Agladze, R. L. - Stationary potentials of some magnesium alloys in alkaline solutions. *Sov. izv. per. fiz. khim. i elektrokhim. AN Gruz. SSR.* no. 7 37-43 '67.
- Pavlov, N. M. - Metal powder strips. *Mashinostroitel'* no. 12:4-7 S '64.
- Stechinik, S. L. - Chlorination of titanium slags in fused chloride salts. *Tsvet. met.* 41 no. 11:6-7 M '64.
- Vlasovskiy, R. M., and others. - Use of germanium, alloyed with gallium and zinc, in low-temperature thermometry. *Ukr. fiz. zhur.* 13 no. 10:102-1034 Ja '64.
- Vorob'ev, M. L., Sverchuk, A. O. - Large precision castings. *Lit. protzv.* no. 11:5-7 M '64.
- Vorontsov, I. U. K. - Increasing the reliability of parts made of titanium alloys. *Mashinostroitel'* no. 6:19-20 S '63.
- Zelinskii, V. P., Kravtsova, L. A., Kharov, D. G. - Treatment of 30Kh15N4 steel with synthetic slag. *Metallurg* 11 no. 10:24-26 O '64.

699.3 (471.53)—Baselitz A. S. S. R.

- Talantovskiy, A. D., Smekalin, V. M., Andropov, V. M. - Production of nickel at the "Yuzhnyi" Combine. *Tsvet. met.* 41 no. 11:25-26 M '64.

699.3 (471.53)—Perm Province

- Krasov, A. - Wood about discipline. *Ochr. truda i zozh. strukh.* 12 no. 111 Ja '69.

699.3 (471.53)—Chelyabinsk Province

- Zhirin, V. I. - Experience in collective labor organization in plants of the Vostochny Orel Administration. *Tsvet. met.* 41 no. 11:14-15 M '64.

699.3 (471.53)—Armenia S. S. R.

- Opasheva, I. B. - Since fractures and their treatment in workers of the Kachmaran Copper and Molybdenum Combine. *Sov. znan. tr. fiz. nauk. -Lad. inst. travn. i obr.* no. 12:18-21 '65.

699.3 (471.53)—Kazakh S. S. R.

- Krylov, G. G. - Gold extraction at the Leningradsk. *Tsvet. met.* 41 no. 11:3-10 M '64.

699.3 Copper and copper alloys

- Labadev, K. P., Ralova, L. S., Mikhlinov, V. D. - Oxide films in aluminum bronzes. *Lit. protzv.* no. 8-6-8 Ag '64.
- Malkonko, V. - On the possibility of combining production processes of bismuth and anode copper in one installation. *Prum. Arm.* 10 no. 11:13-14 '64.
- Problem of pyrometallurgical copper production. *Prum. Arm.* 10 no. 6-21-22 '64.

699.3 (471.53)—Armenia S. S. R.

- Marikyan, R., Shakhmurov, G. - Mining exploration system at the Katun deposit. *Prum. Arm.* 10 no. 6-20-22 '64.

699.3 Zinc and zinc alloys

- Dobrovolskiy, V. D., Karavay, A. M. - Investigation of the X-ray absorption edge of zinc in zinc-aluminum alloys. *Ukr. fiz. zhur.* 13 no. 10:107-108 Ja '64.
- Fedorova, M. S. - X-ray study of fluoride films on zinc. *Izv. vyz. ucheb. zav. i Khim. i khim. tekhn.* 11 no. 8:104-103 '65.
- Gerasimov, I. M. - Work of purification structures at the "Elektrolit" Plant. *Tsvet. met.* 41 no. 11:43-48 M '64.
- Kavkazskii, I. I. - Sizing composition in the processing of silvery zinc in an electric furnace. *Tsvet. met.* 41 no. 11:34-35 M '64.
- Kozlovskiy, V. V., Galyonovskiy, V. L. - Stability of colloids in zinc plating electrolyte and microhardness of deposits. *Izv. vyz. ucheb. zav. i Khim. i khim. tekhn.* 11 no. 8:104-103 '65.

699.7 Light metals and alloys

- Balashov, M. F. - Expansion of certain aluminum plates. *Tsvet. met.* 41 no. 11:1-2 M '64.
- Berg, P. P., Oskov, E. B., Andriashin, V. P. - Influence of the technology of vacuumizing aluminum alloys on their gas content. *Lit. protzv.* no. 8:33-40 Ag '64.
- Bukala, M. A., Balashov, B. A. - Properties of aluminum and its alloys under cooled temperatures. *Vest. TSMU NPS* 27 no. 5:24-40 '64.
- Oladyshov, V. P., Kozlovskiy, M. T., Mikhlinov, M. K. - Effect of surface active substances on the concentration of metals by amalgams. *Dokl. AN SSSR* 163 no. 4:1773-1774 '64.
- Okhotnikov, M. B., Yarov, E. P. - Effect of additions to aluminum on the specific electric resistance and strength of wire. *Tsvet. met.* 41 no. 11:75-78 M '64.
- Orlovskiy, A. A., and others. - Influence of composition on the properties of secondary aluminum alloys. *Lit. protzv.* no. 11:29-30 M '64.

- Isachenko, P. V., Kremis, N. L. - Separation of calcium hydroxide from mixed sodium-potassium alkali-aluminate solutions and their decomposition. *Zhur. prikl. khim.* 41 no. 4:915-918 Ap '63.

- Krasa, I. P., Derzhavskiy, V. A., Kuznetsov, S. I. - Infrared absorption spectra of sodium aluminosilicate hydrate. *Tsvet. met.* 41 no. 11:84-86 M '64.
- Korbatov, M. L., and others. - Influence of chemical composition of high-manganese steel on its wear resistance. *Lit. protzv.* no. 8-4-5 Ag '64.
- Labadev, K. P., Ralova, L. S., Mikhlinov, V. D. - Oxide films in aluminum bronzes. *Lit. protzv.* no. 8-6-8 Ag '64.
- Livshits, V. A., and others. - Optimum reductions in the rolling of aluminum alloys tags. *Tsvet. met.* 41 no. 11:75-78 M '64.

- Katayev, V. P., and others. - Roasting and reduction of alumina granules. *Tsvet. met.* 41 no. 11:51-53 M '64.
- Mikhailov, V. I., and others. - Basics of testing electrolytic cells with composite steel-aluminum anodic phase. *Tsvet. met.* 41 no. 11:48-51 M '64.

- Shakhmurov, M. G., Tominov, D. S., Kallay, A. A. - Heat conductivity of diamond-silicon solid solutions. *Dokl. AN Azerb. SSR* 24 no. 4:6-8 '63.
- Shukhin, V. P. - Welding of Al-Mg alloy in a shield of helium. *Sov. protzv.* no. 11:22-23 M '64.
- Vasilevskiy, S. - "Silver water." *Metallurg* 13 no. 12:37-38 D '64.

- Volynov, A. L., Pilyavskiy, A. M. - Porous fiber structures of anodic oxide films on aluminum. *Zashch. met.* 4 no. 8:470-473 M-D '63.
- Vorob'ev, M., and others. - Micro-plasma welding of thin-walled parts made of aluminum and its alloys. *Prum. Arm.* 10 no. 10:44-45 '63.

- Kozlovskiy, V. M. - Study of germanium - water interface. *Struk. i rol' vody v khim. org.* no. 1:100-113 '64.

699.7 (471.53)—Ukrainian S. S. R.

- Dzhanuk, A., Vakhich, A. - Technology came to the workshop. *Sov. protzv.* 34 no. 10:17-18 O '64.
- Dobrov, K. - Sports and work go together. *Sov. protzv.* 34 no. 10:13-17 O '64.
- Pozdnyak, M. - Adaptors, assistants, and controllers.... *Sov. protzv.* 34 no. 10:34 O '64.
- Lubchuk, V. - Strictly in a friendly way. *Sov. protzv.* 34 no. 10:15 O '64.
- Kisilov, G. - Boundless field. *Sov. protzv.* 34 no. 10:14-15 O '64.
- Pavlov, L. - Workshop of creativity. *Sov. protzv.* 34 no. 10:19-20 O '64.
- Protasov, V. - Guards of industrial safety. *Sov. protzv.* 34 no. 10:21 O '64.
- Timochuk, V. - "Krasnaya Oroska." *Sov. protzv.* 34 no. 10:25 O '64.
- Vul', L. - Everybody is interested here. *Sov. protzv.* 34 no. 10:23-25 O '64.

699.8 Rare earth metals

- Balashov, T. R., Balashov, E. A., Akhmedov, M. K. - Study of the complex compounds of europium and gadolinium with pyrocathecol violet. *Azerb. Khim. zhur.* no. 8:122-125 '64.
- Braun, M. P., Shok, N. I. A. - Influence of carbon on the properties and structure of cast iron. *Lit. protzv.* no. 8:33-34 Ag '64.
- Konovskiy, R. P., and others. - Influence of rare-earth metals on the quality of structural steel. *Metallurg* 11 no. 10:17-20 O '64.
- Kozlovskiy, V. A., Kondratov, M. M., Shipilov, A. M. - Improving the quality of steel at the Komsomol'sk Metallurgical Plant. *Metallurg* 11 no. 10:15-17 O '64.
- Taran, I. U. M., and others. - Electron probing of nodular graphite in carbon cast iron. *Lit. protzv.* no. 8:31-32 Ag '64.

699.8 Alkali metals

- Krasov, G. A., Kverev, V. A. - Standard changes of enthalpy in solution of some halides and nitrates of alkali metals in dimethylformamide. *Izv. vyz. ucheb. zav. i Khim. i khim. tekhn.* 11 no. 8:100-104 '65.

67/68 MANUFACTURES

- (Commercial, household, and commercial equipment)
Ref. str.: Komsomol, byt. i tor. zhur. no. 11 M '64.
[Light Industry] Ref. str.: Leg. prom. nos. 3, 6-10 Mr., 2-O '64.

67.08 By-products

- Kozlov, M. V. - Complete use of distillery wastes. *Trudy VNIIP* no. 10:177-183 '63.
- Vikina, I., Moravskaya, J., Krivickaya, C. - Production of feed for cattle from horizontal vacuum-cookers. *Mikr. ind. SSSR* 20 no. 11:26-27 M '64.

67.4 Timber and woodworking industry

- Burns, V. G. - Automatic "Omega" crosscut saw. *Leg. prom.* 48 no. 8:7-9 Ag '64.
- Bolyshev, B. I. - Basics of work in lumbering establishments. *Trudy SNILP* no. 207-108 '63.
- Kapostol, V. A. - Effect of the size of the interoperational reserves on the shortening of downtime of automatic lines. *Trudy SNILP* no. 2147-154 '67.
- Kapostol, V. A. - Problem of losses in log quality in blind full-length marking of logs. *Trudy SNILP* no. 21: 81-84 '64.

- Makarevskiy, A. P. - Areas of use of automatic sawing of round saw material. *Trudy SNILP* no. 3:55-71 '64.
- Makarevskiy, A. P. - Use of transverse sawing of round timber. *Trudy SNILP* no. 2:38-48 '63.

- Sergeeva, V. M., Milutin, G. V., Galkova, I. M. - Effect of ionizing radiation on wood and its components. *Izv. AN Latv. SSR. Ser. khim.* no. 4:481-487 '64.
- Shcherbakov, A. I. - Conditions of the use of radiolysis filters. *Trudy SNILP* no. 2:100-101 '63.

- Trutkin, M. I. - Conditions of using a central electrical supply system for lumbering establishments. *Trudy SNILP* no. 2:137-140 '63.

- Turovskiy, T. A. - Automatic centering of the cut in a blank while turning it to the butt. *Trudy SNILP* no. 3:66-67 '67.

- Turovskiy, T. A. - Means of increasing the productivity of the TADT-2A crosscut machine (constructed by the Sverdlovsk Scientific-Research Institute of the Lumber Industry). *Trudy SNILP* no. 2:48-55 '64.

- Turovskiy, T. A. - Problems in the production of a conveyor feeder for cross presentation of logs. *Trudy SNILP* no. 3:41-47 '67.

- Usov, A. M. - Calculation of nonfreezing holding of storage of the winter supply of timber in water. *Trudy SNILP* no. 3:108-111 '67.

- Vasil'ev, G. M. - Calculation of the time cycle of a circular saw stand for crosscut sawing of logs. *Trudy SNILP* no. 3:3-23 '67.

- Vasil'ev, G. M. - Increasing the productivity of processing units in longitudinal transfer of logs. *Trudy SNILP* no. 2:18-31 '67.

- Vasil'ev, G. M. - Some aspects of the improvement of sawing devices for bucking logs. *Trudy SNILP* no. 3:24-41 '67.

- Vorob'ev, K. M. - Combined work of an overhead crane and movable device to line up the butt ends of logs in the stock. *Trudy SNILP* no. 2:42-50 '63.

674 (437)—Czechoslovakia

- Petrovskaya, M. - Impregnation of ornamental lacquer on vachka. *Les. prom.* 48 no. 8:11-12 Ag '64.

674 (471.53)—Orel Province

- Compendium report to their comrades. *Part. zhur.* no. 12:61 Ja '64.

674 (471.53)—Volgograd Province

- Aleksandrov, L. M. - Lumbering plant for the production of resinous lumber. *Les. prom.* 48 no. 8:11-12 Ag '64.

674 (471.53)—Sverdlovsk Province

- Krasnaya, Z. Kh. - Effectiveness of accumulating system of log reserves in the Tagulynsk Lumbering Establishment. *Trudy SNILP* no. 2:150-154 '63.

674 (471.53)—Latvia S. S. R.

- Bass, B. M. - Wall blocks made from waste. *Leg. prom.* 48 no. 8:11-12 Ag '64.

675 Leather industry

- Beakova, M. A., Milkailov, A. M. - Oxidative treatment of chromium-tanned leather wastes. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:84-88 '63.

- Belikov, G. P., Zyrin, I. U. P. - X-ray study of some physical and chemical parameters of leather wastes. Report No. 4. Analyzing of chromium-tanned leather (the X-ray study of the absorption line in chromium-tanned leather and the X-ray micrography of leather). *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:78-81 '63.

- Chernova, V. P., Gryzkova, T. A. - Use of plastic models in internal planning. Report No. 2. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:8-18 '63.

- Milgova, N. B., Kuratova, A. A. - Use of surface active substances in the synthesis of artificial leather. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:8-18 '63.

- Ieprian, G. P. - Optimum layout of industrial enterprises with some specified stipulations of the problem. Report No. 1. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:18-19 '63.

- Kirpich, A. O., and others. - Drying of chrome tanned leather using infrared gas burners. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:98-101 '63.

- Lutskiy, B. V., Krasnaya, Z. Kh., Mikheevskiy, I. V. - Study of the leather-drying process in a furnace with simultaneous action of sound vibrations. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:88-94 '63.

- Sosulov, V. K., Shatalova, I. S., Papanikolaou, N. I. - Use of collagen-containing waste products from leather production for the filling of chromium-tanned leather. Report No. 1. Study of the properties of acid decomposition products and alkaline dispersions of collagen. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:78-83 '63.

- Andreyev, V. A., Zyrin, I. U. P. - Comparison of thermotechnical and organoleptic methods for the study of materials. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:41-47 '63.

- Krasnaya, Z. Kh. - Theoretical bases of leather treatment with aqueous dispersions of polymers. Report No. 2. Effect of leather impregnation with polymers on its steam permeability. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 5:74-78 '63.

678 (471.41)—Tatar A. S. S. R.

- Rodionov, M. - There are no trifles. *Sov. protzv.* 34 no. 11:18-19 S '63.

678 Paper and pulp industry

- Ostapov, P., Purina, L., Erina, P. - Alterations in the submicroscopic structure of spruce wood during alkaline cooking. *Izv. AN Latv. SSR. Ser. khim.* no. 4:408-409 '64.

076(4/9,104)—Capitalist countries of the world
Vostokhina, V. A. - The woodpulp-paper equipment
market of capitalist countries. *Isk. i Prikl. Tekh.* no. 14,
17-41 '68.

076(474.3)—Latvian S. S. R.
Maitis, G. - The practice has been approved. *Gidrt. i stroi.*
izob. struk. no. 128-27 Ja '68.

677 Textile and clothing industries

Amirshakov, D. P., Kapustin, I. I. - Studying the process
of cutting parts from a knit fabric. *Izv. vyz. ucheb. zav. i*
tekhn. leg. prom. no. 8 183-187 '68.

Antosheva, K. M., Tkach, R. N. - Optimum diameter of
yarn winding on the beam. *Tekst. prom.* no. 10:30-
31 O '68.

Balkov, A. G., Golubev, I. V., Medov, A. P. - Moderniza-
tion of small ChM-450-MZ-type carding machines.
Tekst. prom. no. 10:35-37 O '68.

Borshchova, A. A. - Simplified method of determining the
medium staple length of best fibers during spinning.
Tekst. prom. no. 10:80-81 O '68.

Brief news. *Tekst. prom.* no. 10:78-82 O '68.

Kirichenko, S. A. - Measuring velocity fields in cross
sections of the blowout part of spinning shafts. *Khimi.*
mashtrostr. no. 6:71-75 '68.

Kozlovskaya, L. R., Koryshov, V. A. - Modernization of
the LV-3-33 machine's five-cylinder drawing mecha-
nism. *Tekst. prom.* no. 10:28-31 O '68.

Kozlovskaya, L. R., Talantova, G. Sh., Kobakidze, T. R. M.
breaking of the H-140 warper. *Tekst. prom.* no. 10:
34-37 O '68.

Plakser, L. A., Dmitriyeva, L. A., Mikhailovskaya, I. O. -
New extensometer for the testing of yarn properties.
Tekst. prom. no. 10:88-89 O '68.

Prin, I. V. - Use of neutron radiation in the textile in-
dustry. *Vest. Khim.* no. 1:74-75 Ji '68.

Further development of scientific research in enterprises.
Tekst. prom. no. 10:3-6 O '68.

Osochinsk, A. F., and others. - Electron optical
EOP-1 device for the determination of the peeling
rate and the bearing surface of textile fabrics. *Report*
Mo. 3. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 5
174-177 '68.

Osochinsk, A. F., and others. - Technology for the production
of elastic ribbons on warp-knit machines. *Mash.- i stroi.*
izob. struk. no. 128-197 '68.

Korot, V. P., Moiseenko, F. A., Radchinskii, V. A. -
Effect of design characteristics of the warp-knit
machine's thread-tensioning device and its operating
conditions on the unevenness of loop structure in knits.
Report Mo. 3. Design calculation and experimental study
of the characteristics of the new thread-tensioning
device. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 8:
170-175 '68.

Kozlovskaya, L. R., and others. - Developing a
modernizing technology for cotton looms from
warp-knit fabric. *Mash.- i stroi. izob. struk.* no. 8:
143-145 '68.

Kozlov, M. M. - Some problems of the profitability of
the cotton and staple fibers production. *Tekst. prom.*
no. 10:11-13 O '68.

Kulik, T. M. - Improvement of labor conditions and of
industrial organization leads to increased productivity.
Tekst. prom. no. 10:18 O '68.

Kuznetsova, N. A., Varlamova, V. A., Potashova, R. I. -
Reasons for warp twisting in a loom. *Tekst. prom.* no. 8:
10-12 O '68.

Lipkov, L. A., Orzechukina, N. A., Telkova, K. L. -
Developing a technology for product manufacturing
from twisted high-bulk yarn. *Mash.- i stroi. izob. struk.*
no. 8:2-18 '68.

Morin, K. B. - Some characteristics of the pneumomechan-
ical method of processing reinforced thread. *Tekst. prom.*
no. 10:22-24 O '68.

Myasnikov, M. P., Zaitsev, G. K., Kozlovskaya, A. V. - Turn
of polyamide resin for mechanical silk weaving. *Tekst.*
prom. no. 10:37-38 O '68.

Osmolov, M. A. - Collaboration of science with industry.
Tekst. prom. no. 10:7-8 O '68.

Prin, I. V., Potashova, R. I., Frolova, K. K. - Adop-
tion of the drawing mechanism designed by the Institute
Scientific Textile Research Institute. *Tekst. prom.* no. 8:
10:27-28 O '68.

Ravala, I. G., Ikhovlev, V. S. - Carbonization of soda
solutions by carbon dioxide under high turbulence con-
ditions. *Trudy VNIITP* no. 28:264-269 '68.

Rodchinskii, A. I., and others. - New high-temperature
heat-insulating products made of basalt staple fiber
with an inorganic base. *Energ. stroi.* no. 7:64-67 '67.

Sadikova, Zh. S., Ignatova, L. P., Basko, P. T. - Change
in the structural characteristics of knits made on
cotton machines depending on the wear of coiler
pressers. *Report Mo. 3. Izv. vyz. ucheb. zav. i tekhn.*
leg. prom. no. 8:134-137 '68.

Serdin, V. P. - Dynamics of the drive of the tenting
machine. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.* no. 8:
183-188 '68.

Shchegolev, G. I. - Measurement volume and precision in
measuring the fabrics of the wool-spinning industry.
Tekst. prom. no. 10:83-84 O '68.

Shchegolev, M. M., Dedina, S. I. - New needle-belt for
tensile machines. *Tekst. prom.* no. 10:80 O '68.

Shchegolev, L. S., Shchegolev, V. M. - Defects in high-bulk
striped threads. *Izv. vyz. ucheb. zav. i tekhn. leg. prom.*
no. 8:28-34 '68.

Shchegolev, L. S. - Further expansion of the production of
high-bulk thread and yarn and of products manufactured
from them. *Tekst. prom.* no. 10:86-88 O '68.

Shchegolev, M. P. - Measuring the weight concentration of
fibers in prestressed systems. *Tekst. prom.* no. 10:
83-85 O '68.

Ural'skaya, E. L., Angarov, E. I., Anisimov, S. U. - Separa-
tion of fibers in an air flow. *Tekst. prom.* no. 10:
21-22 O '68.

Vaks, E. K. - UIN-1 device for the industrial control of
thread tension. *Tekst. prom.* no. 10:85 O '68.

Voroshina, M. G. - Decrease in self breakage. *Tekst.*
prom. no. 10:31-32 O '68.

Zhukova, L. P. - Growth of labor productivity and increase
of equipment in a flax-spinning factory. *Tekst. prom.*
no. 10:23-24 O '68.

Zhukova, O. I., Loktiev, V. A., Brykalo, A. M. - Opti-
mum procedure of servicing needed for the P-108 pneu-
matic loom. *Tekst. prom.* no. 10:32-33 O '68.

Zhukovskii, V. R. - Scientific work on a voluntary basis.
Tekst. prom. no. 10:9-11 O '68.

077(4/9,104)—Capitalist countries of the world
Carpet production in capitalist countries. *Tekst. prom.*
no. 10:75-78 O '68.

077(438)—Poland
Wdowiak, G. - New type of bonded nonwoven fabrics.
Tekst. prom. no. 10:88-89 O '68.

077(477)—Ukrainian S. S. R.
Miroshnikov, M. V. - A system for a defect-free production
of goods is in operation. *Tekst. prom.* no. 10:22-23
O '68.

077(479.28)—Armenian S. S. R.
Akhverdyan, V. - Chief engineer of the firm. *Prom. Arm.*
no. 6:33-35 '68.

077(479.31)—Dabek S. S. R.
Radtsig, O. B., Filimonov, V. M. - Cylinders of draw-
ing machines with sloped ribs. *Tekst. prom.* no. 10:
38-39 O '68.

077(479.5)—Kirgizia S. S. R.
Vasilev, A. A. - The Karakumskiy Carpet Manufacturing
Combine named after V. I. Lenin. *Tekst. prom.* no. 10:
18-24 O '68.

077(479.4)—Turkmen S. S. R.
Bukhachov, V. V. - Optimization of the spinning plan of
a textile factory by linear programming based on the
example of the Ashkhabad Cotton Combine named after
Dzerzhinskii. *Izv. AN Turk. SSR. Ser. obshchestv. nauk*
no. 1:52-55 '68.

077(73)—United States of America
Polukarov, Y. L. - Patenting of inventions in the textile
industry of the United States. *Tekst. prom.* no. 10:
78 O '68.

677A Macramé fibers
Basko, P. T. - Measuring the wear of thread-guides with
radioactive isotopes. *Izv. vyz. ucheb. zav. i tekhn. leg.*
prom. no. 8:166-173 '68.

Basko, P. T. - Technology of producing knits from
synthetic high-bulk "mexos" and "mexes" yarn. *Mash.-*
 i stroi. izob. struk. no. 8:43-50 '68.

Golovanova, M. A., Vokshina, V. M., Zorina, L. K. -
Dyeing and finishing of knits produced from new yarn
varieties. *Mash.- i stroi. izob. struk.* no. 8:55-58 '68.

Polukarov, Y. L. - Effect of ventilation conditions in a
spinning mill on the quality of rayon fibers. *Stro-*
 i stroi. izob. struk. no. 8:53-55 '67.

Polukarov, Y. L. - Research on the aerodynamic design
of an air distributing duct with a given nonuniformity of
air distribution. *Stro. i stroi. izob. struk.* no. 8:56-58 '67.

Polukarov, Y. L., Lapcheva, M. K., Pokrovskaya, G. A. -
Study in the field of triacetate fiber dyeing with disper-
sion dyes. *Tekst. prom.* no. 10:43-45 O '68.

Rylova, L. A., Ignatova, L. P. - Use of streamline
characteristics of plied warp-knit interlockings
to improve the properties of silk tricot fabrics. *Izv.*
vys. ucheb. zav. i tekhn. leg. prom. no. 8:131-135 '68.

Savitskiy, V. A., Shchegolev, V. V., Kozlov, A. M. -
Microdiphtheria derivatives in dyeing acetate silk
and synthetic fibers. *Khim. prikl. khim.* no. 8:1821-
1827 Ag '68.

Shchegolev, V. P., Shchegolev, R. M., Shchegolev, A. B. -
Choice of parameters for a technological method of
dyeing and stabilizing synthetic high-bulk "mexos"
and "mexes" yarn. *Mash.- i stroi. izob. struk.* no. 8:
41-47 '68.

Shchegolev, A. I. - Electrifiability of synthetic materials
used for clothing manufacture. *Tekst. prom.* no. 10:
18-21 O '68.

Sizis, L. M., Shchegolev, M. I. - Determining the thermal
properties of artificial fur with the blow-type B-3
microthermometer. *Report Mo. 3. Izv. vyz. ucheb. zav. i*
tekhn. leg. prom. no. 8:35-37 '68.

077.4(474.5)—Latvian S. S. R.
Alimova, T. V. - Silk fabrics manufactured from high-
bulk triacetate and capron threads. *Tekst. prom.* no. 10:
44-45 O '68.

677B Textile dyeing, printing, and finishing
Golovanova, M. A., Davydova, M. I. - Developing tech-
nological parameters for the dyeing and finishing of
products manufactured from high-bulk polyacryloni-
trile yarn. *Mash.- i stroi. izob. struk.* no. 8:48-51 '68.

Golovanova, M. A., Vokshina, V. M., Zorina, L. K. -
Dyeing and finishing of knits produced from new yarn
varieties. *Mash.- i stroi. izob. struk.* no. 8:55-58 '68.

Golovanova, M. A., Vokshina, V. M., Zorina, L. K. -
Study in the field of triacetate fiber dyeing with disper-
sion dyes. *Tekst. prom.* no. 10:43-45 O '68.

Kozlov, L. M., Lomskaya, T. M. - Developing method
and formulae for durable dyeing of acetate base.
Mash.- i stroi. izob. struk. no. 8:52-54 '68.

Kozlov, L. M., Lomskaya, T. M. - Some characteristics of
the performance of curve misalignment straightening
devices. *Tekst. prom.* no. 10:81-83 O '68.

Shchegolev, L. S., Lomskaya, T. M., Kozlov, L. M. -
Properties of linen fabrics modified by grafting of poly-
acrylonitrile. *Tekst. prom.* no. 10:48-49 O '68.

Shchegolev, M. G., and others. - Continuous processed
fabric bleaching. *Tekst. prom.* no. 10:41-43 O '68.

Troina, R. S., Kudryashova, G. A. - Developing a tech-
nology for sewing the toes of cotton hose and socks
instead of tooping them. *Mash.- i stroi. izob. struk.*
no. 8:153-155 '68.

077.4(474.3)—Latvian S. S. R.
Koshinskaya, A. S. - Finishing of head kerchiefs and scarfs.
Tekst. prom. no. 10:49-50 O '68.

678 Macromolecular materials. Rubbers and plastics
Aldoshin, V. G., Frenkel', S. I. - Selective interactions
in polymer chains. Part I. Hydrodynamic properties
and solubility of 9:1 copolymer of methyl methacrylate
and methacrylic acid. *Vysokom. soed.* no. 1:1115-
1123 Ja '68.

Artem'ev, A. I. - Factors affecting permeability of
polymeric materials. *Stro. i stroi. izob. struk.* no. 8:
22-23 '68.

Bartanov, G. M., Zaitsev, I. V. - Temperature-fre-
quency dependence of deformation and mechanical losses
of rubber-like polymers under periodic loading condi-
tions. *Vysokom. soed.* no. 1:144-145 Ja '68.

Berezinsk, G. I. - Basic principles of filtering viscose
through porous ceramics. *Khimi. mashtrostr.* no. 6:
136-139 '68.

Borisov, S. M., Karin, A. V., Malysheva, I. A. -
Ethylenimine elastomers. Part 3: Methylstyrene-oxazone
rubbers. *Vysokom. soed.* no. 1:174-175 Ja '68.

Dogadkin, B. A., Pavlov, M. N. - Study of the vulcaniza-
tion in the presence of diphenylguanidine. Part 2:
Thermal decomposition of diphenylguanidine and its
reaction with sulfur at vulcanization temperatures.
Vysokom. soed. no. 1:152-157 Ja '68.

Dergachev, A. A., Grigor'yan, A. S., Chalykova, O. A. -
Copolymerization of some substituted allyl compounds
with vinyl acetate and maleic anhydride. *Arm. Khim.*
skor. no. 3:220-226 '68.

Egorova, Z. S., and others. - Kinetics of disappearance
of free radicals in irradiated polyvinyl chloride.
Vysokom. soed. no. 1:164-165 Ja '68.

Kargin, D. F., Lokshin, R. F. - Effect of edge effect on
the strength of butt joints of the pipelines made from
thermoplastics. *Stro. i stroi. izob. struk.* no. 6:31-33
Ja '68.

Kanashchikov, I. A., Sarkisyan, Zh. A., Frenkel', S. I. -
Optimum conditions for the bonding of some polymer
packaging materials. *Trudy VNIITP* no. 28:103-108 '68.

Kochergina, S. M., Bartanov, G. M. - Study of aqueous
solutions of polymer electrolytes. Part I: Viscometric
study of copolymer solutions of polyacrylonitrile
and its derivatives. *Vysokom. soed.* no. 1:135-
139 Ja '68.

Korshak, V. V., and others. - Phosphorus-containing
polymers. Part 2: Heterocyclic polymers of vinyl-
phosphonic acid and some diacyl compounds. *Vysokom.*
soed. no. 1:167-173 Ja '68.

Krasnoshchikova, M. A., Maida, A. I. - Strength of
unfilled vulcanizates from butyl rubbers of different
structure. *Khimi. mashtrostr.* no. 6:133-138 Ji-Ag '68.

Lokshin, R. F., Lokshin, V. V. - Processing ex-
perimental data concerning the cooling of products
made of polymer materials under similarity criteria.
Khimi. mashtrostr. no. 6:180-183 '68.

Lokshin, R. F., and others. - Features of the temperature-velocity depen-
dence of specific heat capacity of carbon black-reinforced
rubbers. *Khimi. mashtrostr.* no. 6:138-144 Ji-Ag '68.

Maksimov, M. M., and others. - Metal polymers based on
polystyrene and solidified particles of metals obtained
by the thermal method. *Khimi. mashtrostr.* no. 6:164-
167 Ji-Ag '68.

Ovchinnikov, L., Grigor'yan, Kh. - Method of reclamation
of industrial waste waters in carbamide resin produc-
tion. *Prom. Arm.* no. 8:15-16 '68.

Potukhov, A. D., Lokshin, R. F. - Study of the basic
parameters of high-speed screw presses. *Khimi. mashtro-*
str. no. 6:183-186 '68.

Popovskii, V. G., and others. - Determining the perme-
ability of polymer packaging materials as related to
some volatile organic compounds. *Trudy VNIITP*
no. 28:94-98 '68.

Rishchik, D. D. - Method of calculating calorific heatings
for processing polymer materials. *Khimi. mashtrostr.*
no. 6:34-37 '68.

Shchegolev, V. M. - Automatic temperature regulation
of screw presses for processing of polymers. *Khimi.*
mashtrostr. no. 6:150-154 '68.

Shchegolev, M. P., Kryukov, I. A., Taimov, S. I. -
Solubilization of natural resins and synthetic high-
molecular compounds. *Khimi. mashtrostr.* no. 6:138-
144 Ji-Ag '68.

Shchegolev, M. P., Kozlov, L. S., Potashova, M. B. -
Certain properties of aqueous solutions of vinyl acetate
copolymer with maleic anhydride. *Trudy no. Khim. i*
Khimi. tekhn. no. 3:133-143 '65.

Taretskiy, A. P., Rode, V. V., Roshchina, E. O. -
Studies in the series of olefin polymers. Part 3:
Some polymers of 8,8'-methylene-bis-maleyl aldehyde
with metals. *Vysokom. soed.* no. 1:188-194 Ja '68.

Tsuka, Kuniaki, Matsui, Katsunori, O. S. - Carbonaceous polymers and copolymers. Part 36: Syntheses of graft copolymers containing polysulfonamide side branches. *Polym. J.* 4 no. 1180-1814 Jan '72.

Uehiro, I. A., and others. - Filled polymers. Part 8: Introduction of anisotropic benzoic acid polycaprolactam. *Polym. J.* 4 no. 1167-677 Jan '72.

Vlasov, P. A., Odintsov, P. P., Shkova, A. A. - Effect of the nature of emulsifier on the rate of styrene polymerization and decomposition of peroxides. *Vysokomol. soed.* 4 no. 183-184 Jan '71.

Zakharov, M. Sh. - Interplant quality indices and the new program of researches at enterprises of the tire industry. *Stank. i mash.* 33 no. 1057-68 O '72.

Zurebina, K. N. - Theoretical bases of leather treatment with aqueous dispersions of polymers. Report No. 7: Effect of leather impregnation with polymers on the steam-permeability. *Dokl. vuz. nauch. sov., tekhn. log. prots.* no. 3:74-78 '72.

Krasnoshchekina, M. A., Zaitsev, A. L. - Strength of
cured vulcanizates from butyl rubbers of different
structure. *Kolloidn.* 30 no. 4:523-526 JI-Ag '68.

Lobovskaya, A. I., Dogadina, B. A., Uspolova-Ag
R. M. - Features of the temperature-velocity depend-
ence of specific tear energy of carbon black-reinforced
rubbers. *Kolloidn.* 30 no. 4:530-540 JI-Ag '68.

Zay, N. S., Pastovskaya, A. V. - Method of testing
of reinforced air subject to repeated strains.
Stroitel'stvo 33 no. 12:37-40 D. 74.

Belikov, M. P., Piontsevo, G. A., Antkiferov, A. S. - Earth dams with plastic antiseepage cover in permafrost regions. *Glaciol. stroi.* 36 no. 10:10-22 G 48.

Bushov, G. N., Dostala, M. L. - Polymeric heat- and sound-insulating materials for floor coverings. *Stroitel. mat.* 14 no. 11:15-16 N 108.

Fel'tman, M. B., Pusek, G. A., Yelavgers, Z. A. - Sliding parts from fluoroplastics. *Art. dor.* 31 no. 12 11-12 G 48.

Lebedev, F. K. - Study of friction characteristics and wear resistance of acrylplastics for sliding bearings. *Avi. prom.* 34 no. 5:56-57 105.

Lysenko, D. A. - Results of economic reforms. *Stroitel. mat.* 14 no. 11:3-7 N 105.

Ostrikov, M. S., and others. - Reinforcing stresses and strains of construction structures of acetyl cellulose. *Synthetic acetyl cellulose - synthesis of diethylene glycol. Koll. soob.* 36 no. 4:543-558 J1-Ag 68.

Plavinskii, A., D'jakova, V., Grumsklavina, O. - Pot canned fruit in plastic containers. *Sov. khoz.* 43 no. 11: 43-44 G 10.

Rodchikov, I. I., Lashchakov, G. V. - Equipment for the study of mechanical properties of platics in vacuum at low and high temperatures. *Izv. ish.* 34 no. 11:15-16 117 108.

Shmidt, A. M., Buhars, F. - Static fatigue of anisotropic plastics under direct hermal load. *Kurs. po mekh. stroit. mat. i likit.* no. 1 p. 17:178-189 107.

Zaitsev, K. I., Gorskikh, A. V. - Role of forced deformation in the extrusion molding of butt welds from polymeric materials. *Khim. tekhnol.* 32:32-33 S 108.

Mikhailova - Starina, I. A. - important factor in the economic development of White Russia. Vestnik AN BSSR, Ser. human. nat. no. 4:41-47 '68.

Abdullina, A. G., Zakharenko, G. A. - Condensation of alkyl phenols with 2,4,6-trisubstituted with 1, 2-dichloroethane. *Azern. khim. nauch. no. 8-10-80 1980.*

Dagel'shteyn, N. A. - Use of epoxy resins in the making of films. *Khimicheskoye stroitel'stvo no. 8-11-82 8 '82.*

Dobryntsa, L. N., and others. - Structural and mechanical properties of polyamide films. *Report No. 4. Inv. vyzn. nauch. sav. i tekhn. log. prom. no. 8-12-82 '82.*

Dubonov, L. M., Mendenkova, G. M. - Effect of liquid nitrogen on polyamide films. *Kerr. i nauch. v otkrytiya prom. no. 8-12-31 '82.*

Fedorovich, P. T. - Study of the wear resistance of coatings with epoxy resin basis. *Trudy Khim. nauch. inst. 84-84-88 '88.*

Korotkiy, A. T., Zakhay, A. V., Tolstiy, V. A. - Centers of solvation in irradiated polystyrene with additives. *Khim. vyzn. energ. 8 no. 8-82-88 8-8 '88.*

Korshak, V. V., and others. - Phosphorus-containing polymers. Part 27: Heterocyclic polyesters of vinylphosphonic acid and some dihydroxy compounds. *Vysokom. soed. 4 no. 1-8-83 1-8 '83.*

Mironov, G. D., Leikhtshteyn, M. M. - Methodology and study of the wear resistance of slide bearings surfaced with secondary aspen. *Trudy Tashk. nauch. inst. 10: 66-74 '86.*

Mironov, G. D., Leikhtshteyn, M. M. - Wear resistance of this layer of secondary aspen obtained from a vitrified suspended layer. *Trudy Tashk. nauch. inst. 10: 72-83 '86.*

Mosvitskiy, N. I. A. - Factors affecting the stretchability of crystalline polyester resins made from dimethyl caproic glycol. *Report No. 1. Inv. vyzn. nauch. sav. i tekhn. log. prom. no. 8-12-82 '82.*

Rais, M. D., Shalov, I. I. - Ways of increasing the wear-resistance of polypyrrole hoses. *Tekhn. prom. 28 no. 10: 38-41 '80.*

Trapsalov, A. A., Potashnik, G. G. - Effect of the nature of solvent on the electric conductivity of a polymer (pentafluoric resin) solution. *Dokl. Akad. Nauk SSSR*, 1968, 183, no. 4, 802-807. *Jl.-Ag.* '68.

578. 5(474.5)—Lithanex S. S. R.
Al'menova, T. Y. - Silk fabrics manufactured from high-
bulk triacetate and capron thread Tekst prom. 26
no. 10; 11-18 O '66

Alkopian, A. E., Badalova, V. E., Gurkistan, D. Kh. - Continuous washing of polyvinylal. *Arm. khim. zhur.* 19 no. 4 313-365 '64.

Altov, S. M., and others. - Determination of constants of copolymerization of isopropenyltoluene and styrene. Azerb. khim. nauk. no. 8:70-72 '68.

Atanasiu, E. M., and others. - Kinetics of polymer dissolution. Part I. Effect of some factors on the rate of polyvinyl acetate dissolution. *Ann. I. Ch. R.*

Horvath, H. I. and others. - Change of properties of polyvinyl chloride film in underground conditions. *Zhurn. prikl. khim.*, 41 no. 4:877-881 Ap '68.

Dargaryan, A. A., Grigorian, A. E., Chalykian, O. A. - Copolymerization of some substituted allyl compounds with vinylacetate and maleic anhydride. *Arm. khim. shk.*

Golovinskaya, M. A., Davydova, N. I. - Developing technological parameters for the dyeing and finishing of

and anion exchange properties for sorption of anionic polyvalent cations and metal-containing anions. Radiokhimiya 10 no. 2:166-162 '62.

Korotkha, D. M., Ristina, R. P. - Aging of acryls

Korshak, V. V., Rogoshko, R. V., Volkov, V. L. - Study in the field of coordination polymers. Part 9: Metal-coordinating polymers based on aliphatic dicarboxylic

unfilled vulcanizates from butyl rubbers of different structures. Koll. zhurn. 30 no. 4:533-536 11-Ag '68.

Kutikov, V. G., and others. - Study of the polymerization

tion of polymers with fillers. Part 3: Thermomechanical properties of polystyrene filled with fiberglass.
Vysokom. soed. 4 no. 1:37-41 Ja '68.

Mal'nevskiy, M. U. - Methods of determining the modulus of elasticity of testpieces galvanized and polymer coating. *Trudy Tekhn. i slykhoz. inst.* 14-21-83 90.

Malhotra, I. G., Nagaswami, R. V. - Kinetics of the consumption of mercaptans during anion polymerization

Proteobactera, T. I.; Churina, V. I.; Bogomolov, R. I.;
Synthesis and reduction of carbonyls 3-substochloride.
Izv. vuz. khim. nauk; Khim. i tekhn. tekhn. II no. 8: 1941-
1943 1 p.

Saidov, N. M., Abasov, A. I., Dalin, M. A. - Series
modifications of polyethylene chain. Dokl. AN Azerb.
SSSR 24 no. 4, 22-25 1985.

Stepukovich, A. D., Rafilov, E. A., Bortalsk, A. I. -
Effect of colloidal platinum on kinetics and mechanism
of initial block polymerization of styrene. Part I:

Tikhonirov, B. I., Iakubovich, A. I., Klopotov, I. A - Crystallinity of hydrogenation products of cis-1,4-polybutadiene. *Vysokomol. soed.* 4 no. 1 25-29 Jan 59

Turkina, V. S., Bakanov, E. I., Iukhta, V. S. - Studying the resistance of microorganisms grown in the presence of

Vase, V., Divljanakye, M. - Esterification of chloromethylated copolymers of styrene by N-carboxyoxymy acids. *Trudy AMN SSSR Ser. B.* no. 3/4/1.

Zaboronko, K. B., Belman, I. N. - Study of polyethylene
under the conditions of thermal action. *Plasticheskie* 10

ethylene applied for the insulation of pipelines. Divd.
trans. II no. 3:12-15 Mr 406.

Reichfeld, V. O., Ivanova, A. G. - Synthesis of linear diisobutylmethacrylamides by the method of the

of low-molecular polyphenylsiloxanes in the presence of catalysts. Izv. AN Latv. SSR, Ser. khim. na. 4:443-448 '62.

14 no. 11:23-24 M '63.
Kopel, A. B., Leshchinskii, L. A. B., Povolotskii, S. Y. -
Equipment for the stone industry. Stroil. maš., 14 no. 1

Sychev, I. U. L., Seliskarov, V. N. - Mass production of lining stone facing tiles using vertical sawing techniques, *Stroitel'stvo*, 1979, no. 11, 12, 28-29, 29, 30, 31, 32.

Afanas'ev, O. K. - Additional check of the transmission of train numbers. Aviora. [Intern. review] 13, no. 110-8

Aivazian, V. A. - Minimization of linear address algorithm in respect to time. Trudy Sem. "Avtomatika, program. no. 1:88-79 488.

Automatic system for determining teaching parameters. Trudy Ser. "Biol. i mat. mod. v biol." no. 21 8-9 '67.

insertion with floating point in the "Minak-7" digital computer. Varyv. electr. no. 8:13-15, 1977.

Babier, L. P. - Method for the treatment of the fields of symbols and bits in machines with fixed word length

1 (Continued)

- 1110, L. P., Bogach, V. D., Khabenko, B. I., - Informational principles of the construction of the computer from the COBOL language for the "Drop-2" vector computer. *Trudy Ser. Avtomatiz. program.* 1:10-22 '88.
- 1111, I. M., - Complexity of programs recognizing serial numbers not exceeding a set belonging to a recursively enumerable set. *Dokl. AN SSSR* 183 no. 8:248-2 '88.
- 1112, P. M., Kirilich, A. M., - Methods of the construction of electric models for solving problems of oil and gas field development. *Trudy MINKHIGP* 47:33-40 '84.
- 1113, P. M., - Use of the Monte Carlo method for solving development problems of oil and gas reservoirs. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1114, P. M., Khabenko, V. I., Kirilich, A. M., - Electric models for solving problems of oil and gas drives. *Trudy MINKHIGP* 47:45-52 '84.
- 1115, I. S., - Antennary exhibition; computer techniques in construction work. *Bul. stroit. tekhn.* 10:42-48 '87.
- 1116, A. E., - Synthesis of circuits operating on finite-state automata. *Avtom. i vychisl. tekhn.* no. 1:1-23 '88.
- 1117, A. M., Stankovich, T. B., - Calculating the representability factor of gases and gas mixtures by digital computers. *Trudy MINKHIGP* 47:12-13 '84.
- 1118, P. A., Babenko, A. M., - Program of the calculation of values $\sin(\theta)$ and factors of polarization and Lorentz LP on Algol-60 language. *Zhurn. stroit. tekhn.* 7 no. 8:105-110 '88.
- 1119, I. V., Khabenko, L. P., - Control network of electrodynamic signal indicators using potential digital elements. *Prilozheniya* no. 8:10-18 '88.
- 1120, I. A., Khabenko, M. M., - Algorithms of weekly mass scheduling. *Vest. vuzov* 34 no. 10:41-48 '88.
- 1121, G., - Problems in piecewise linear programming. *Trudy AN Litu. SSR, Ser. B* no. 10:104-104 '88.
- 1122, P. M., - Devices for solving time intervals using pulse bridge elements. *Avtom. i vychisl. tekhn.* no. 1:1-23 '88.
- 1123, L. L., Pimenov, I. A., - Use of electronic computers in processing data on cosmic ray variation. *Geofiz. zhurn.* no. 10:35-44 '88.
- 1124, V. D., Kirilich, U. U., - Numerical address. *Avtom. i vychisl. tekhn.* no. 1:1-23 '88.
- 1125, V. V., - Compensation of pneumatic pressure in the separators. *Izv. vuzov, tekhn. i mashinost.* no. 6:52-58 '88.
- 1126, V. M., and others, - Basic problems in the use of computer technology in education. *Rod. shk.* 47 no. 11:34-43 '88.
- 1127, P. M., - Reliability method for solving a boundary value problem using analog computers. *Vop. elek. stroit. tekhn.* no. 1:104-110 '87.
- 1128, V. A., - Improving planning for the number of workers and the piece-rate wage fund in the sections of large equipment with the aid of electronic computers. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1129, A. A., - General problems of parametric linear programming. *Trudy Vychisl. tekhn. i mashinost.* no. 13:4-54-58 '88.
- 1130, J., Tamme, K., - Algorithm for the solution of the generalized loading problem. *Trudy Vychisl. tekhn. i mashinost.* no. 13:4-54-58 '88.
- 1131, L. A., - Calculation of scales for the operation of informational-computing (control) machines with thermocouples. *Prilozheniya* no. 4:13-4 '80.
- 1132, U. I., Kozka, V. P., - Automated operation of a separating mill. *Tekhn. i mashinost.* 34 no. 11:8-10 '88.
- 1133, A., - Use of programmed command apparatus. *Prilozheniya* no. 4:13-4 '80.
- 1134, M. A., Khabenko, M. M., - Machine translation of adjectives from the Latin language into the Russian language. *Uch. zap. Kaz. un.* 124 no. 8:248-253 '84.
- 1135, K. A., - Training by electronic computer the skills of highway conditions on traffic safety. *Avt. dor.* 38 no. 10:13-17 '88.
- 1136, S. B., - Using the iterative method for the calculation of tunnel lining on an electronic computer. *Obzr. i mod. i mash. tekhn.* 10 no. 8:33-38 '88.
- 1137, R. I., - Automated accounting system for the customers of the Main Administration of Housing in Moscow. *Ger. khos. Mosk.* 43 no. 1:34-38 '88.
- 1138, A. M., Kirilich, A. L., - Construction of electric integrators with the use of constant diode elements. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1139, A. M., Kirilich, A. L., - Device for oscillographic display of nodal potentials in electric integrators with a rotary unit. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1140, A. M., - Use of solid conducting medium in oscillation models for solving problems of electric and gas drives. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1141, V. I., - Measurement of depth pressures using serially manufactured transducers. *Prilozheniya* no. 8:10-18 '88.
- 1142, A. I., - Evaluation of the cascade frequency of analog-to-digital converters. *Izv. vuzov, tekhn. i mashinost.* no. 10:104-104 '88.
- 1143, I. G., Khabenko, K. L., - Problems of the organization of a computing process using electronic computer systems. *Trudy Ser. Avtomatiz. program.* no. 1:10-22 '88.
- 1144, L. M., - Device for testing SXIA-1 code reader cards. *Artech. i tekhn. i mashinost.* 12 no. 11:33-34 '88.
- 1145, B. A., - Calculation of orthotropic cylindrical structures using digital computers. *Im. po teore. sooruzh.* no. 18:66-73 '87.
- 1146, B., Klyov, K. A., - Translator from an arbitrary and nonarbitrary ALGOL (MIAT) into mod. lang. no. 4:181-204 '88.
- 1147, M. S., - Use of electronic computers in rural electrification. *Manch. trudy VIKHIGP* 38:818-824 '87.
- 1148, P. V., Khabenko, L. M., - Small liquid-level indicators. *Mash. i mod. obr.* no. 18:31-31 '88.
- 1149, S. E., - Average trouble-free operation as a factor in computer cost. *Avtom. i vychisl. tekhn.* 13 no. 11:3-3 '88.
- 1150, V. I., - Use of specific networks for the approximation of car flows. *Vest. TSNH MPR* 37 no. 6:64-68 '88.
- 1151, N. S., - Characteristics of designing flowmeters with a helical axial turbine for measuring viscous liquids. *Mash. i mod. obr.* no. 10:34-38 '88.
- 1152, A. L., and others, - Principles for using memory devices in the realization of new types of memory devices. *Radiotekhn. i elektron.* 14 no. 1:11-13 '88.
- 1153, Khabenko, K. L., and others, - Controlling of the receiving and detecting departments of a message sent by computers. *Trudy MINKHIGP* 47:12-13 '84.
- 1154, V. P., - Optimization of lines passing by lines for justification of the network of tank vessel types for prospective needs. *Trudy TSNH MPR* no. 37:11-13 '88.
- 1155, A. V., - Automation and educational work. *Vest. vuzov* 34 no. 10:33-30 '88.
- 1156, V. I., - Mathematical model of an information transmission system. *Vest. TSNH MPR* 37 no. 6:64-68 '88.
- 1157, O. V., - The MHI-8 system of translation. *Trudy Ser. Avtomatiz. program.* no. 1:10-22 '88.
- 1158, S. I., Khabenko, A. K., - Synthesizing design diagrams for solving problems of the synthesis of the optimal network. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1159, S. I., Khabenko, A. K., - Solving distribution problems on electronic models. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1160, S. I., Khabenko, A. K., - Solving the transportation problem with fixed additional payments on electronic models. *Trudy MINKHIGP* no. 47:12-13 '84.
- 1161, O. V., - Mechanizing the work of bank employees. *Dokl. i zhurn.* 34 no. 11:3-10 '88.
- 1162, V. M., - Saving of time in the realization of address algorithms. *Trudy Ser. Avtomatiz. program.* no. 1:10-22 '88.
- 1163, V. I., Khabenko, T. D., Khabenko, V. - Coding of economic and economic information. *Sov. korg.* 43 no. 10:44-48 '88.
- 1164, I. M., Khabenko, I. A., - Use of electronic models for function calculations. *Vest. TSNH MPR* 37 no. 6:64-68 '88.
- 1165, I. A., - Contactless magnetic memory element. *Prilozheniya* no. 4:13-4 '80.
- 1166, L. A., and others, - First results of automatic processing of the materials of controlled directional sensitivity method using the AOM-1 unit. *Neftegaz. dokl. i zhurn.* no. 10:34-40 '88.
- 1167, A. I., - Mathematical methods and electronic computer technology in the mechanism of construction. *Mash. i mod. obr.* 23 no. 1:6-8 '88.
- 1168, V. V., - Optimization of the operating plant of a textile factory by linear programming based on the example of the Amshadov Cotton Combine named after D. N. Khramov. *Izv. AN Turk. SSR, Ser. tekhn. i mashinost.* no. 1:104-110 '88.
- 1169, G. E., - Use of mathematical methods in solving nonparallel work problems. *Uch. zap. Kaz. un.* 124 no. 8:248-253 '84.
- 1170, M. A., - Calculation of engineering and economic efficiency of controlled traffic control using digital computers. *Avtom. i vychisl. tekhn.* 13 no. 11:3-3 '88.
- 1171, A. L., - Mathematical model for the computer study of dynamics and fuel economy of automobiles. *Art. prot.* 34 no. 8:14-20 '88.
- 1172, N. G., - Modeling of an elastic water drive of gas fields with the use of the DMI-4 electronic network model. *Gaz. dokl.* no. 4:10-13 '88.
- 1173, S. B., - Wear of parts in electrical actuating mechanisms. *Prilozheniya* no. 4:13-4 '80.
- 1174, V. P., Khabenko, I. M., - Method of controlling the efficient performance of a ship steam turbine in operation with the use of computer devices. *Trudy TSNH MPR* 14 no. 8:14-18 '88.
- 1175, A. B., - Some forms of the function of memory using magnetic-rectifier logical elements. *Prilozheniya* no. 4:13-4 '80.
- 1176, L. M., - Stability problem of a diesel locomotive power system. *Vest. TSNH MPR* 37 no. 6:64-68 '88.
- 1177, M. B., and others, - Equipment for controlling the filling of silos. *Koksa i khim.* no. 11:33-37 '88.
- 1178, R., - New concepts of planning and management. *Mir. elektron. i mashinost.* no. 1:104-110 '88.
- 1179, S. A., - Improvement of the DM-4 transmitter of the URSI-D level signaling mill. *Prilozheniya* no. 8:10-18 '88.
- 1180, S. N., and others, - Use of electronic digital computers in planning railroad station operations. *Vest. TSNH MPR* 37 no. 6:64-68 '88.
- 1181, A. M., Tarnits, V., - Some problems concerning the approximation of the optimal value of infinite-dimensional problems of linear programming. *Sov. korg.* 43 no. 10:44-48 '88.
- 1182, S. A., Khabenko, S. A., - Use of electronic computers in the analysis of evoked potentials in patients with atrophy of visual nerves. *Zhurn. nerv. i psikh.* 88 no. 11:114-119 '88.
- 1183, V. A., Rykva, V. D., Khabenko, K. E., - Automatic control system for the Volga grade-type cooler. *Tekhn. i mashinost.* 34 no. 8:10-10 '88.
- 1184, R. A., - Calculation of the chronic risk of an artificial earth satellite with the aid of a BESM-2 electronic computer. Part 2. *Bul. Inst. teore. astron.* 11 no. 8:102-104 '88.
- 1185, M. L., Khabenko, B. S., - An iterative process for solving a linear programming problem. *Vychisl. tekhn. i mashinost.* no. 4:13-4 '80.
- 1186, P. M., and others, - Program for energy calculation of intermolecular interaction in crystals by means of the electronic computer "Boris". *Zhurn. stroit. tekhn.* 7 no. 8:104-110 '88.
- 1187, (477)—Ukrainian S. S. R. Kirilich, L. A., - Developing a standard base for the mechanization of planning and economic work. *Khos. i org. prom. i tekhn.* no. 3:70-77 '88.
- 1188, S. K., - Method of finding out methods for manufacturing parts with the aid of electronic computers. *Khos. i org. prom. i tekhn.* no. 3:70-77 '88.
- 1189, P., Pavlov, V., - Means for increasing labor productivity of machine operators. *Dokl. i zhurn.* 34 no. 11:3-14 '88.
- 1190, (477, 5)—Western Ukraine Gushakov, V., - Optimization of production. *Obzr. tekhn. i mashinost.* 34 no. 11:3-14 '88.
- 1191, (73)—United States of America Rothovskis, S. S., - Foreign economic expansion of the U. S. A. monopolies in the production of electronic computers. *Uch. zap. Kaz. un.* no. 8:248-253 '84.
- 1192, E., - A new stage in the automation of the U. S. A. industry. *Mir. elektron. i mashinost.* no. 11:110-118 '88.
- 601.3 Instrument making. Instrumentation Gushakov, V. A., and others, - Note of engineering psychology in present-day instrument manufacture. *Prilozheniya* no. 4:13-4 '80.
- 601.35 Construction and testing. Prilozheniya no. 4:13-4 '80.
- 601.36 Calculation of scales for the operation of informational-computing (control) machines with thermocouples. Prilozheniya no. 4:13-4 '80.
- 601.37 Designing. Khabenko, V. A., Khabenko, P. V., Khabenko, V. V., - Device for proportioning a fluid. *Zav. tekhn.* 34 no. 8:104-110 '88.
- 601.38 Control. Khabenko, L. B., - BMD-810 pneumatic-electronic device for controlling the quality of welding joints of pipelines. *Stroit. tekhn.* 11 no. 4:39 '88.
- 601.39 New instruments. Khabenko, L. B., - New instruments manufactured by the SVA concern. *Prilozheniya* no. 4:13-4 '80.
- 601.4 Optical apparatus Khabenko, G. V., - Single-channel infrared spectroscopy. *Uch. zap. Kaz. un.* no. 3:70-77 '88.
- 601.6 Reproducing, printing machines and equipment 601.64(471, 538)—Leningrad City Agapov, V., - Leningrad typesetting machines. *Voprosy. tekhn.* no. 1:104-110 '88.
- 601.8 Technical acoustics. Musical instruments. Sound recording, reproduction. Anshchik, L. - The DRV-0.1 electric motor in a magnetic tape recorder. *Radiotekhn. i elektron.* no. 11:37 '88.
- 601.85 Testing. Tarkov, S., - Testing fork device for testing keyboard instruments. *Radiotekhn. i elektron.* no. 11:37 '88.
- 601.9 Reliability. Khabenko, A., - Reliability of a magnetic tape memory unit. Pt. 1. Effects of the tape transport mechanism. *Trudy AN Litu. SSR, Ser. B* no. 1:104-110 '88.
- 601.95 Restoration. Tarkov, S., - Prospects in dependent restoration of amplitudes of oscillations in multichannel transmission. *Radiotekhn. i elektron.* 23 no. 11:70-84 '88.
- 602 Hatches Gushakov, K. G., - Problems of dynamic calculation of a five-mechanism mechanism. *Obzr. AN Gruz. SSR* 51 no. 1:104-110 '88.
- 603 Sundry. Footwear. Gloves. Travel, sport, games and other equipment 603.6(77)—Ukrainian S. S. R. Khabenko, S., - Lining credits for the total loan required. *Dokl. i zhurn.* 34 no. 11:3-14 '88.
- 603.7 Footwear. Khabenko, S. A., - Classification of part-guiding devices on assembly lines. *Izv. vuzov, tekhn. i mashinost.* no. 8:104-110 '88.

165

06 06 571.66) —Magadan Province
Orlovskii, A.D. - Some problems in reducing the amount of work in the construction industry; based on the example of Magadan Province. *Probl. Sev.* no. 13:508-509 '87.

06 06 575.1) —Uzbek S.S.R.
Draconov, D.A. - Strengthening of Samarkand minarets. *Zem. i vod.* no. 5:10-14 5-8 '86.

061 Building materials
Bharuta, M.L. - On the road of technical progress. *Stroitel. mat.* 14 no. 11:7-10 M '88.

Dyba, A.P., Kartashov, G.I. - Exhibition on the theme "Safety engineering and industrial sanitation in the construction and building materials industries." *Stroitel. mat.* 14 no. 11:31-32 M '88.

Iskrenskii, M.A. - Using the raw materials of the Kola Peninsula for the production of building materials. *Probl. Sev.* no. 13:50-57 '87.

Known to everybody. NTO 10 no. 11:28 M '88.

Novoselov, S.N. - Reinforcing the skeleton of lateral reinforcement for flexible reinforced-concrete members under uniform load. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 3:273-278 '87.

Novoselov, S.N. - All-Union public review competitive evaluation of the best quality of construction. *Stroitel. mat.* 14 no. 11:14-15 M '88.

Rodionov, K., Balava, F., Rodionov, A.M. - Static characteristics of laminated materials. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 11:100-113 '87.

Saidan, V., Akopian, A. - Heat-resistant light-weight concrete with volcanic slag. *Probl. Sev.* no. 13:41-49 '87.

Saidan, V., Akopian, A. - Strength of elastoplastic laminated materials as dependent on time. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 11:156-165 '87.

Tamarskii, A.A., Iskraevskii, M.A. - Problems of the use of Kola Peninsula vermiculite. *Probl. Sev.* no. 13:41-49 '87.

Zoritskii, D., Stepanova, L. - Important national economic problem. *Pha. khim.* 48 no. 11:77-82 D '86.

062 (471.31) —Moscow Province
Artemov, L. - Floor of the trademark of a plant. *Sov. profsoyuz* 24 no. 17:18-20 B '88.

062 (471.31) —Astoria R.S.F.S.R.
Korov, V.A. - Problems in the development of the building materials industry as a part of the economic complex of Western Siberia. *Probl. Sev.* no. 13:155-163 '87.

062 (78) —United States of America
Grigoriev, A. - Changes in the production of structural materials in the U.S.A. *Mir. ekon. i mezhdunar. otn.* no. 12:118-119 '88.

061 Materials of organic origin. Timber, etc.
Bykov, M.A., and others. - Biological resistance of fibroite. *Probl. Sev.* no. 13:155-163 '87.

Makaladze, R.K. - Cold asphalt mastic for waterproofing interior concrete surfaces. *Probl. Sev.* no. 13:155-163 '87.

061.2 Natural stone
Avakian, M., Khosrovian, G. - Mechanization in shipping building stone. *Probl. Sev.* no. 13:155-163 '87.

Avakian, M., Khosrovian, G. - Efficient method of grinding porous stone materials. *Probl. Sev.* no. 13:155-163 '87.

Chernikov, M.M., Mamedov, Z.M. - Experience in using diamond cutters in stone sawing machines. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Mamedov, Z.M. - Mastering the technology of this facing stone tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Mamedov, Z.M., Khasanov, I.A. - Production of high-strength concrete aggregates by the jigging method. *Stroitel. mat.* 14 no. 11:11-13 M '88.

Orlov, A.M., Iskraevskii, M.A. - Sawing decorative stones by diamond tools. *Stroitel. mat.* 14 no. 11:11-13 M '88.

Rodionov, K., Balava, F., Rodionov, A.M. - Sawing decorative stones by diamond tools. *Stroitel. mat.* 14 no. 11:11-13 M '88.

Rodionov, K., Balava, F., Rodionov, A.M. - Sawing decorative stones by diamond tools. *Stroitel. mat.* 14 no. 11:11-13 M '88.

Tamarskii, A.A., Iskraevskii, M.A. - Problems of the use of Kola Peninsula vermiculite. *Probl. Sev.* no. 13:41-49 '87.

061.3 (471.324) —Yuzovsk Province
Kharachkov, V.A., Korotkova, G.P., Kipko, O.I. - Gravel from Shkunkovskoye deposits. *Avi. dor.* 31 no. 12:12 D '88.

061.3 (478) —Moldavia S.S.R.
Bogdanovskii, I.A., Spivakov, P.P., Miaga, V.I. - Reliability of geological prospecting on limestone deposits. *Trudy Khab. politekh. inst.* no. 7:43-48 '87.

061.3 (479.35) —Armenia S.S.R.
Bekasov, A., and others. - New construction material based on bit wastes. *Probl. Sev.* no. 13:155-163 '87.

Orlov, A.M., Iskraevskii, M.A. - Sawing decorative stones by diamond tools. *Stroitel. mat.* 14 no. 11:11-13 M '88.

061.3 Artificial stone. Concrete, etc.
Alopov, A., Khasanov, I.A. - Concentration of fillers for light concrete. *Probl. Sev.* no. 13:155-163 '87.

Asatryan, D., Mamedov, Z.M. - Designing effect diagrams for three-dimensional prestressed frames. *Stroitel. mat.* 14 no. 11:11-13 M '88.

Iskraevskii, M.A., and others. - Effect of the moisture content in gas concrete on the heat conductivity of three-layer wall panels. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 3:273-278 '87.

Iskraevskii, M.A., and others. - Prestressed reinforced concrete rectangular roof girders. *Probl. Sev.* no. 13:155-163 '87.

Khosrovian, G., and others. - Prestressed reinforced concrete panels for self-bearing walls. *Probl. Sev.* no. 13:155-163 '87.

Kolobov, G.B. - Effect of isotropic forces between reinforcement and concrete on the crack resistance of prestressed structural members. *Trudy Khab. politekh. inst.* no. 7:43-48 '87.

Minkov, A.G., and others. - Problems for using slag-processed wastes in construction. *Probl. Sev.* no. 13:155-163 '87.

Rodionov, K., Balava, F., Rodionov, A.M. - Static characteristics of laminated materials. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 11:100-113 '87.

Rodionov, K., Balava, F., Rodionov, A.M. - Static characteristics of laminated materials. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 11:100-113 '87.

Saidan, V., Akopian, A. - Heat-resistant light-weight concrete with volcanic slag. *Probl. Sev.* no. 13:41-49 '87.

Saidan, V., Akopian, A. - Strength of elastoplastic laminated materials as dependent on time. *Isst. po mekh. stroit. mat.* 1 konstr. no. 1 pt. 11:156-165 '87.

Tamarskii, A.A., Iskraevskii, M.A. - Problems of the use of Kola Peninsula vermiculite. *Probl. Sev.* no. 13:41-49 '87.

Zoritskii, D., Stepanova, L. - Important national economic problem. *Pha. khim.* 48 no. 11:77-82 D '86.

061.4 Earth. Oak. Clay and ceramic products
Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Kha, M.E. - Powder method in manufacturing mosaic glass tiles. *Stroitel. mat.* 14 no. 11:23-24 M '88.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

Lagoda, A.V., Ukhov, E.M. - Calculating the cooling process of concrete with antifreeze additives. *Probl. Sev.* no. 13:155-163 '87.

607 (Continued)

- Chirasho, V. V., Sydygov, M. P. - Effect of the intake guides on the work of a diaphragm fan. *Zap. LSKH* 103:117-118 '68.
- Demia, A. V., Khilnev, M. M., Khilnev, B. G. - Use of thermal energy in agricultural production. *Stroch. tr. VSEKH* 20:263-268 '67.
- Grachitski, M. M., Melberger, A. E., Pog, M. I. A. - Creation of improved designs of radiators with spirally wound-on ribbing. *Stroch. MEST* no. 23:126-170 '67.
- Grachitski, M. M., Melberger, A. E., Pog, M. I. A. - Technical and economic evaluation of radiators and their optimal design using the method of thermal and aerodynamic comparison. *Stroch. MEST* no. 23:171-188 '67.
- Grachitski, M. M., Pog, M. I. A. - Economic and technical prerequisites in selecting radiator unit series by their performance and models. *Stroch. MEST* no. 23:189-204 '67.
- Ivanov, M. G. - Aerodynamic properties of ventilated combustion roots of apartment buildings of various geometric proportions. *Izv. vyz. ucheb. zav., stroit. inzhn.* 10 no. 11:126-128 '67.
- Kozlovskaya, V. E. - Calculation of hot-water heating systems by mathematical modeling methods. *Stroch. MEST* no. 23:94-107 '67.
- Kozlovskaya, V. E., Komolova, Y. L., Svetlov, K. S. - Studying air exchange in a 25-story residential building to be built on Kalinin Prospekt in Moscow. *Stroch. MEST* no. 23:110-121 '67.
- Kolpakov, V. V., Troitskaya, P. B. - Methodology of heat balance tests in cast-iron heating boilers. *Stroch. MEST* no. 23:223-227 '67.
- Lamda, A. A. - Reliability of heat piping systems. *Cor. know. Mosk.* 42 no. 1:21-23 Ja '68.
- Lisov, A. V. - Studying packing forces in an compressor with an elastic ring. *Izv. vyz. ucheb. zav., stroit. inzhn.* 10 no. 11:129-145 '67.
- Ostapchuk, V. S. - Principles of a free nonisothermal stream having a hollow conical shape bent by gravitational forces. *Stroch. MEST* no. 23:26-30 '67.
- Pavlov, A. I. A. - Study of the aerodynamic properties of lower gratings. *Zap. LSKH* 103:117-118 '68.
- Pelitskiy, V. V., Anisimov, L. P., Berezin, M. Y. - Results of investigating the operation of an experimental radiant heating system using air as heat carrier. *Stroch. MEST* no. 23:136-144 '67.
- Portugala, N. R. - Ways for the efficient use of heat in housing management. *Cor. know. Mosk.* 42 no. 1:12-13 Ja '68.
- Samolovskiy, G. I. - Experience in using boilers operating in millid post at the Petrovsk Post Enterprise. *Tek. prom.* 45 no. 10:11-13 '68.
- Shapovalov, I. A. - Principles for the calculation of ventilation intake streams, air formations, and convection streams. *Stroch. MEST* no. 23:3-14 '67.
- Sokolov, V. I., Andreev, N. M. - Electric heating in agricultural production. *Stroch. tr. VSEKH* 20:268-282 '67.
- Sydygov, M. P. - Effect of the number of blades on the work of a diaphragm fan. *Zap. LSKH* 103:107-111 '68.
- Takharuk, O. T. - Investigating air intakes with section feed. *Stroch. MEST* no. 23:25-34 '67.
- Trubnikov, S. P. - Efficient systems of feeding heat carrying agent to heating-ventilating units in apartments. *Stroch. MEST* no. 23:145-154 '67.
- Trubnikov, S. P. - Heat losses caused by ventilation in buildings with various ventilation systems. *Stroch. MEST* no. 23:125-134 '67.
- Turkha, B. G., Sydygov, M. P. - Analysis of the work of a diaphragm fan. *Zap. LSKH* 103:107-111 '68.
- Vilenskii, E. I. A. - Economic indices of the efficiency of electric heating in residential buildings. *Stroch. MEST* no. 23:205-218 '67.
- Zaslavskiy, I. R., Mikhlin, G. V. - Heating concrete in formwork shafts of tall smokestacks. *Prots. stroit.* 44 no. 10:4-10 '68.

- 608 Finishing and decorating works. Painting, glazing, etc. Alashchikov, M. I. A. - Mechanization of painting work. *Stroch. MEST* no. 23:14-15 My '67.
- Apparatus for spraying paint and varnish. *Stroch. (cor. know.)* 13 no. 11:24-26 N '68.
- Manufacture of pneumatic hand tools, pneumatic vibrators and construction finishing machines manufactured by the enterprises of the Ministry of Construction and Road Machinery. *Stroch. (cor. know.)* 13 no. 11:24-26 N '68.
- Vorob'ev, V. V., Timofeev, B. T. - Semi-automatic welding of large diameter reinforcement joints by the unrolled alloy wire (MODOR) method. *Enorg. stroit.* no. 7: 67-70 '67.

- 609 Protective, painted, insulated construction. Abramov, V. S. - Waterproofing of reinforced concrete bridge abutments. *Vest. TSKH LPS* 27 no. 5:66-67 '68.
- Kaplov, V. P. - Reducing the decarbonization of steel. *Metallurg* 11 no. 10:29-31 O '68.
- Mila, V. S. - Calculation of a protective cover at a blasting site. *Enorg. stroit.* no. 3:78-81 '67.
- Sivestrov, A. V., Derishev, V. V., Shagimardov, R. A. - Effect of design features and production technology on the cold resistance of steel member joints. *Prots. stroit.* 45 no. 10:17-20 '68.
- Thermodur, A. E. - Cold-resistant mortars for water-proofing interior concrete surfaces. *Prots. stroit.* 45 no. 1:42-43 '68.

- 7.6 General. Works of individual artists. Gifberd, G. I. - Role of ideas in science and art. *Uch. zap. TOU* no. 10:136-153 '68.
- [Information bulletin of a new foreign book, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] *Izvest. biol. nov. inostr. knizh. postup. v Bibl. Len. V. I. Len. Ser.* 3 12 nos. 1-5 Ja-F '68.
- Kalichenko, I. I. - Our common objectives. *Myslestvo* 18 no. 5:4 8-O '68.
- [Literature and Art] *Lit. i isk.* nos. 1-2 '67.
- Lutskaia, N. - Through the eyes of Soviet artists. *As. i Afr. ser.* 12 no. 12:46-47 D '68.
- Makalinskaya, M. N. - Analytical session of geographers. *Vest. LGU* 33 no. 12:173-178 Ja '68.
- Morilov, V. - Kharmally alive. *Kosmopolit* 48 no. 14: 23-43 '68.
- Shalinski, A. M. - Correlation of artistic (image, model, and symbol in art. *Uch. zap. TOU* no. 6:494-108 '68.
- Shalinski, A. M. - Special aspects of analogy and modeling in science and art. *Uch. zap. TOU* no. 6:23-36 '68.
- Shalinski, V. - Marxist and Leninist art history. *Kosmopolit* 48 no. 9:117-123 Ja '68.
- 7.04/8.104) - Capitalist countries of the world. Parodart, V. - Art devoid of timeless ideals. *Myslestvo* 18 no. 5:8-9 8-O '68.
- 7.6(477) - Ukrainian S. S. R. Ghorosov 40 years. - *Myslestvo* 18 no. 5:1-2 8-O '68.
- Vilavov, V. - To serve the people. *Myslestvo* 18 no. 8:4 '68.
- 7.6(471.63) - Irkutsk Province. Khorooshik, P. P. - Photographs based on the cliffs of the Bolshoy Khatinsky rapids. *Sov. arkhiv.* no. 2 182-202 '68.

- 7.01 Aesthetics. Theory. Taste, etc. Diagonovskiy, L. V. - Children's attitude towards art and its age-related development. *Yop. psikh.* 14 no. 4:98-104 Ja-Fg '68.
- Chalilov, A. A. - Subject matter of and objectives for industrial aesthetics. *Uch. zap. TOU* no. 6:4107-128 '68.
- Chalilov, A. A. - Some problems concerning the origin and development of industrial aesthetics. *Uch. zap. TOU* no. 6:4123-134 '68.
- Lavrasov, M. - Dramatic and harmonious aspects of art. *Rad. inzhn.* 11 no. 5:22-22 My '67.
- Ivanov, L. - Roads, streets, and achievements. *Rad. inzhn.* 10 no. 10:2-23 O '68.

- 7.02 Art technique and craftsmanship. Andreev, B. - Bright minds and skillful hands. *Sov. profsoyuz* 24 no. 11:22-24 N '68.

- 7.04 Subjects for artists representation. Iconography. Kozlovskiy, A. - On the "measured" loss of Saint Alkaid. *Khur. Mosk. Petr.* no. 2:44 '67.

- 7.04(471.61) - Rostov Province. Beldina, O. D. - Two icons of the Rostov school of painting. *Sov. arkhiv.* no. 3:173-179 '68.

- 7.07 Artists, art experts, patrons, dealers. Yelpeia, A. - Some characteristics of the organization of work and economic security of writers, composers, and artists. *Sov. kum.* no. 10:14-17 Ag '68.

71 PHYSICAL PLANNING. LANDSCAPE, ETC.

711.1 Generalities. Development. Planning schemes

- 711.1(477.6) - Donetsk Basin. Reva, M. L. - Reestablishing greenery on Donetsk pit-hills. *Rad. stb.* 47 no. 11:44-46 N '68.

- 711.2 Country planning. Rural development, upkeep of settlements. 711.2(477) - Ukrainian S. S. R. Chikina, M., Rostov, S. - Appearance of a new village. *Stroch. inzhn.* 18 no. 1:38-40 My '67.

- Goldberg, D. - Rural construction. *Stroch. inzhn.* 18 no. 8:28-29 My '67.
- Shvitski, A. - Some problems facing rural construction. *Stroch. inzhn.* 18 no. 7:3 of cover JI '67.

- 711.3(474) - Kazakh S. S. R. Morozovskiy, O. M. - Some principles and methods of planning trees in rural areas of Northern Kazakhstan. *Trudy KAZKHILAKH* 5 282-286 '67.

- 711.4 Town planning. Urban development, built-up areas, towns, villages, etc. Dorokhova, G. A. - Legal status of summer resorts. *Sov. gos. i prav.* no. 11:126-128 N '68.

- Fedorov, M. A. - Future goals and urgent needs. *Stroch. inzhn.* 18 no. 11:28 N '68.
- Klayt, G. M. - Year-round pleasure camp. *Stroch. inzhn.* 18 no. 12:9-10 D '68.

- Krylov, K. K. - What district development residential buildings are of different types. *Stroch. inzhn.* 18 no. 11:24-31 N '68.

- Militsina, K. A., Moshkin, B. B. - Problems of the development of small and medium-size cities and utilization of labor resources. *Vest. LGU* 33 no. 11:175-178 Ja '68.
- Kosov, I. A., Khametkili, R. I. - New cities and the map. *Stroch. inzhn.* 18 no. 10:10-12 O '68.
- Tatarskiy, K. P. - Share of young architects. *Stroch. inzhn.* 18 no. 10:31-32 O '68.
- Varkolomayev, V. - Town of Kantonian staves. *Stroch. inzhn.* 18 no. 10:10-12 O '68.

711.4(471.104) - Capitalist countries of the world

- Mogilevskaya, A. - Private land ownership and a capitalist city. *Mir, ekon. i moshchennost'* 10 no. 11:98-101 '68.

- 711.4(471.104) - Poland. Positkov, M. - Warsaw today. *Cor. know. Mosk.* 42 no. 1:46-51 Ja '68.

711.4(471.239) - Leningrad City

- Afonchenko, A. A. - Are the new squares in Leningrad being formed correctly? *Stroch. inzhn.* 18 no. 11:17-21 N '68.
- Is Vyborg district. *Stroch. inzhn.* 18 no. 11:17-21 N '68.
- Ooufiev, V. E. - Transformed by the Great Patriotic War. *Stroch. inzhn.* 18 no. 11:2-4 N '68.
- Shreter, L. L. - General plan in action. *Stroch. inzhn.* 18 no. 11:15-15 N '68.
- Malayev, A. M. - First blocks in the new Shvabka. *Ozerki district. Stroch. inzhn.* 18 no. 11:17-21 N '68.

711.4(471.810) - Moscow City

- Balabanov, M. V. - Moscow in new plans and ideas. *Cor. know. Mosk.* 42 no. 1:40-43 Ja '68.
- Prokopyev, V. F. - Three great years of the capital. *Cor. know. Mosk.* 42 no. 1:1-10 Ja '68.
- Rakitia, A. M. - Future Moscow at the birth of the achievements of National Economy of the U.S.S.R. *Cor. know. Mosk.* 42 no. 1:44-45 Ja '68.
- "Where to place specialized stores." *Sov. kum.* 12 no. 12:11 D '68.

711.4(477) - Ukrainian S. S. R.

- City landscaping and improvements in Kaporoch'ye. *Stroch. inzhn.* 18 no. 7:25 JI '67.
- Partsk, B. - Developing resorts in the Arzv Sea region. *Stroch. inzhn.* 18 no. 7:27 JI '67.
- Oborich, V., Shapenko, V., Tendaria, N. - General plan of a city in action. *Stroch. inzhn.* 18 no. 6:10 JI '67.
- Gusev, V. A., Khokhol, I. U. F. - Pioneer camp "Pionerskiy bor." *Stroch. inzhn.* 18 no. 12:8-8 D '68.
- Kolov, L. - Odessa, a heroic city. *Stroch. inzhn.* 18 no. 6:1-8 My '67.
- Krykha, A. - Planning and building cities of the province. *Stroch. inzhn.* 18 no. 7:14-17 JI '67.
- Serbanov, E. - Cities of Odessa Province are growing. *Stroch. inzhn.* 18 no. 5:24-27 My '67.
- Shapchenko, V., Kharvatskiy, V., Potemkin, N. - General plan of Dnepropetrovsk. *Stroch. inzhn.* 18 no. 7:12-13 JI '67.
- Vasilevskii, S. - General plan of Kaporoch'ye. *Stroch. inzhn.* 18 no. 7:24-25 JI '67.
- Zavilich, P. - City on three hills. *Stroch. inzhn.* 18 no. 7:8-11 JI '67.

711.4(471.13) - Tyumen Province

- Klimov, V. F. - Conference on city construction problems in gas field regions of Tyumen Province. *(Iss. i trav. mezh. gos. 10 no. 6:38 '68.*

711.4(471.68) - Khabarovsk Territory

- Katkov, I. U. N., Gindrova, M. S. - Kommunisticheskaya Amur, a city of youth. *Stroch. inzhn.* 18 no. 10:21-22 O '68.

711.4(477) - Central Asia

- Balmanov, T. - Capital cities of Central Asia. *Nauch. trudy TashOU* no. 20:118-122 '67.

711.4(477.1) - Uzbek S. S. R.

- Rustamov, M. V. - Effect of natural conditions and resources on the development and distribution of cities and towns in Uzbekistan. *Nauch. trudy TashOU* no. 20:103-104 '67.
- Rustamov, M. V. - Some problems in the development of Uzbekistan's cities and towns. *Nauch. trudy TashOU* no. 20:103-104 '67.

- 711.5 Units, areas, zones, districts, quarters (within towns, etc.) Rodnikov, I. L. - Rejuvenation of an old street. *Cor. know. Mosk.* 42 no. 2:11-14 F '68.

711.5(471.239) - Leningrad City

- Everting, T. F. - Standard district. *Stroch. inzhn.* 18 no. 10:24-26 O '68.

711.5(477) - Ukrainian S. S. R.

- Kotkov, I. - What the architects represent to the city. *Stroch. inzhn.* 18 no. 8:28-30 My '67.
- Tel'ditski, S., Kovton, M. - Building the center of Kaporoch'ye. *Stroch. inzhn.* 18 no. 7:27-29 JI '67.

711.6 Site planning. Grouping. Squares, etc.

- Iskova, A. P. - Sports area. *Stroch. inzhn.* 18 no. 11:22-24 N '68.

711.6(476) (Continued)

711.6(476)—White Russian S. S. R.
Lashchinskiy, I. A. - Effect of pedestrian traffic on urban development. *Gor. khos. Mosk.* 43 no. 2:27-30 P '68.

711.7 Traffic routes: road, rail, water and air
Kukavskiy, A. P. - Where will new thoroughfares pass? *Stroitel'nikh. Len.* 30 no. 11:28-29 N '68.

712 Landscapes, natural and designed parks, gardens
Arstarkhov, P. L. - Concern for the beauty of home district. *Stroitel'nikh. Len.* 30 no. 11:24-25 N '68.
Ogorov, G. A., Petukhov, I. M. - Project of the green attire of our cities. *Berezh' prirodi Priklum'a* no. 1: 54-58 '68.

712(471.44)—Sverdlovsk Province
Ternov, A. O., and others. - Species of trees and shrubs of the city of Sverdlovsk. *Trudy Inst. ekol. rast. i shivota*, no. 54:121-124 '67.

712(471.54)—Sverdlovsk Province
Tsimbrik, L. A. - Introduction of coniferous plants on the territory of the Ural Heavy Machinery Plant. *Trudy Inst. ekol. rast. i shivota*, no. 54:147-149 '67.

712(471.53)—Perm Province
Gerasim, P. V. - Park greenbelt. *Berezh' prirodi Priklum'a* no. 1:63-65 '68.
Lashchinskiy, V. A. - For richer landscape gardening. *Berezh' prirodi Priklum'a* no. 1:58-59 '68.

712(477)—Ukrainian S. S. R.
Korotkiy, N., Bulakhov, M. - State national park on Khortitsa. *Stroitel'nikh. Len.* 30 no. 7:100 JI '67.

712.3 Landscapes patterns generally
Korotkiy, N. I. - Building projects and landscapes. *Stroitel'nikh. Len.* 30 no. 11:14-16 N '68.

712.3(477)—Ukrainian S. S. R.
Rogatskiy, G., Rodichuk, I. - City improvement, landscape gardening, and public recreation areas. *Stroitel'nikh. Len.* 30 no. 7:118-121 JI '67.

712.3 Landscapes planning generally: planning, layout, execution
712.3(471.53)—Bashkir A. S. S. R.
Bakurova, A. S., Iakubov, M. I. - Scientific and practical significance of better selection of ornamental trees and shrubs for landscape gardening in the Bashkir A. S. S. R. *Trudy Inst. ekol. rast. i shivota*, no. 54:121-125 '67.

712.3(477)—Ukrainian S. S. R.
Krichenko, M., Kotova, A. - Planning of greenery. *Stroitel'nikh. Len.* 30 no. 8:24-27 My '67.

712.4 Planting design. Vegetation, plant forms, arrangement
712.4(471.543)—Kirov Province
Alexandrov, F. A. - Chokeberry forms in Kirov Province and their future utilization for landscape gardening. *Trudy Inst. ekol. rast. i shivota*, no. 54:143-144 '67.

712.4(471.54)—Sverdlovsk Province
Kuznetsov, M. N. - Selection of gas resistant lawn grasses. *Trudy Inst. ekol. rast. i shivota*, no. 54:125-126 '67.

72 ARCHITECTURE

Bashkin, G. L. - On the level of modern requirements. *Stroitel'nikh. Len.* 30 no. 10:26 O '68.
[Bibliography of current Soviet literature on construction and architecture] *Dokl. akad. nauk. SSSR* no. 1:1-12, '68.

Dubinskaya, V. - Knowledge, initiative, and responsibility. *Stroitel'nikh. Len.* 30 no. 10:14-16 O '68.

Korotkiy, V. F. - About a colleague. *Stroitel'nikh. Len.* 30 no. 10:24 O '68.

Lobanov, M. D. - Striving for new ideas. *Stroitel'nikh. Len.* 30 no. 10:25 O '68.

Militsyn, S., Romanov, M., Chernyshev, I. U. - On the hard ways of searching. *Stroitel'nikh. Len.* 30 no. 10:10-12 O '68.

Papov, V. V. - Where is the threshold of creative maturity? *Stroitel'nikh. Len.* 30 no. 10:2-4 O '68.
Scientific and technical achievements on construction and architecture. *Gor. khos. Mosk.* 43 no. 2:43 P '68.

Tsvetkovskiy, S. P. - Architectural practice. *Stroitel'nikh. Len.* 30 no. 11:24-25 N '68.
Tsvetkovskiy, S. P. - On a voluntary basis. *Stroitel'nikh. Len.* 30 no. 11:26-27 N '68.

72(477)—Ukrainian S. S. R.
Ignatov, O. N. - Architectural practice. *Stroitel'nikh. Len.* 30 no. 11:26-27 N '68.

72.6 General construction. Design. Planning, etc.
72.01(477)—Ukrainian S. S. R.
Kuznetsov, A. I. - Construction of the vertical composition of the Saint Sophia Cathedral in Kiev. *Stroitel'nikh. Len.* 30 no. 11:23-25 N '68.

72.62 Periods, styles, influences

72.62(471.314)—Vladimir Province
Derkovskiy, V. P. - Romanesque elements in ancient Russian art and their adaptations. *Stroitel'nikh. Len.* 30 no. 10:24-26 O '68.

72.6 Public, civil, commercial and industrial buildings
Berkalov, B. V., Karpis, K. K. - Prospects for expanding use of air conditioning in industrial and public buildings. *Stroitel'nikh. Len.* 30 no. 10:1-3 O '68.
Pavlov, R. V. - Refrigeration supply to central systems of air conditioning. *Stroitel'nikh. Len.* 30 no. 10:4-11 O '68.

72.6(477)—Ukrainian S. S. R.
Gerasim, A. F., Frolov, V. P. - Construction of business establishments in Kharkov. *Stroitel'nikh. Len.* 30 no. 12: 39-54 D '67.

72.6.1 Civil and public service buildings
That is for you, young people! *Stroitel'nikh. Len.* 30 no. 10:28 O '68.

72.6.2 Commercial and office buildings
Timofeeva, R. - Build commercial buildings faster. *Stroitel'nikh. Len.* 30 no. 11:15-17 D '68.

72.6.3 Transport, trade and storage buildings
Iakovlev, V. I. - Improving the technology of fully prefabricated transportation buildings. *Stroitel'nikh. Len.* 30 no. 8:41-43 Ag '68.
Sharovarov, G. A. - Architecture of structures. *Trudy Leningradskoye* no. 6-97-102 '67.

72.6.3(477)—Ukrainian S. S. R.
Berkalov, B. - Gates to the air route of a city. *Stroitel'nikh. Len.* 30 no. 7:33 JI '67.

72.6.3(477)—Azerbaijan S. S. R.
Vol'skiy, L. M. - Characteristics of planning water-transport enterprises and apartment house complexes in oil- and gas-bearing regions of Western Siberia. *Stroitel'nikh. Len.* 30 no. 11:100-104 '67.

72.6.3(477.14)—Myvghibinsk Province
Mishchenko, P. A., Gerasim, A. P. - Migration of a cold store in Novosibirsk. *Stroitel'nikh. Len.* 30 no. 8:43-44 '68.

72.6.4 Industrial buildings. Factories, mills, workshops, etc.
Bodnaruk, Y. V. - Determining local heating of enterprises in the interior of industrial buildings. *Stroitel'nikh. Len.* 30 no. 8:38-39 '68.
Borov, V. M. - Experience in building walls of a cast-in-place-reinforced concrete reservoir. *Stroitel'nikh. Len.* 30 no. 8:44-45 '68.
Gorodnitskiy, L. B. - Designing industrial enterprises in the regions with a considerable volume of drifting snow. *Stroitel'nikh. Len.* 30 no. 8:33-34 '68.
Kozlovskiy, M. M., Rastvorov, A. M. - Experience in the construction of a factory for wet sawing separation of ore. *Stroitel'nikh. Len.* 30 no. 10:24-25 '68.
Zamiatsev, V. - Design of a plant and working conditions. *Stroitel'nikh. Len.* 30 no. 8:3-5 Ja '68.

72.6.4(471.323)—Leningrad City
Belitskiy, T. F. - For the Kirov Works. *Stroitel'nikh. Len.* 30 no. 10:25-30 O '68.

72.6.4(477)—Ukrainian S. S. R.
Gerasimov, B. - Industrial building. *Stroitel'nikh. Len.* 30 no. 8:40-41 My '67.
Larionov, B. M., Kuznetsov, P. S. - Belaya Tserkov' complex of three and rubber-asbestos products. *Stroitel'nikh. Len.* 30 no. 11:20-21 D '68.

72.6.7 Public refreshment buildings. Bistros, bars, restaurants and public buildings
72.6.7(477)—Ukrainian S. S. R.
Kolesnikov, S., Titov, L. - Odessa as a resort town. *Stroitel'nikh. Len.* 30 no. 8:18-21 My '67.

Oshakovskiy, V., Kirichenko, M. - Public seaside resort area. *Stroitel'nikh. Len.* 30 no. 8:22-23 My '67.

72.6.8 Public entertainment and recreation buildings
Kholodovskiy, R. M. - Recreation facilities in the shore zone of reservoir lakes. *Stroitel'nikh. Len.* 30 no. 11:30-31 D '68.

Zentsevich, G. V. - Designing club houses for rural settlements. *Stroitel'nikh. Len.* 30 no. 11:1-2 D '68.

72.6.8(471.323)—Leningrad City
Rosenfeld, L. M., and others. - Air conditioning in the Leningrad "Bol'shoi Okeanograficheskii" Concert Hall. *Stroitel'nikh. Len.* 30 no. 11:13-18 O '68.

72.6.8(477)—Ukrainian S. S. R.
Kuznetsov, I. U. - Sport complex "Metsa." *Stroitel'nikh. Len.* 30 no. 7:23 JI '67.

72.6 Sacred and funerary buildings. Ecclesiastical architecture

72.6(47)—Italy
Koshkov, Vladimir. - Visiting the ancient churches of Italy. *Zhurn. Akad. Patr.* no. 10:68-72 '68.

72.6(471.311)—Moscow Province
Byrokin, Mikhail. - Piatitskaya Church in the village of Tugoles. *Zhurn. Akad. Patr.* no. 10:8-11 '68.

72.6(471.633)—Karakalpak Autonomous Province
Kuznetsov, V. A. - The "Midsk" Zaleschsk Church. *Stroitel'nikh. Len.* 30 no. 11:27-147 '68.

72.6(477)—Ukrainian S. S. R.
Dimin, V. M. - Tomb of a hero: monument of architecture. *Stroitel'nikh. Len.* 30 no. 11:23-24 D '68.
Kuznetsov, A. I. - Construction of the vertical composition of the Saint Sophia Cathedral in Kiev. *Stroitel'nikh. Len.* 30 no. 11:23-25 N '68.

72.7 Unfinished. Colleges
72.7.3(471.323)—Leningrad City
Fomin, L. I. - Leningrad University. *Stroitel'nikh. Len.* 30 no. 10:17-24 O '68.

72.7.4 Vocational schools. Technical schools
72.7.4(477)—Ukrainian S. S. R.
Higalov, I. M. - New building complex of the Kiev Institute of Commerce and Economy. *Stroitel'nikh. Len.* 30 no. 12: 34 D '68.

72.7.5 Scientific or research buildings, experimental stations, laboratories
Kotlar, M. L. - In close cooperation. *Stroitel'nikh. Len.* 30 no. 10:33 O '68.

72.7.6 Observatories, meteorological stations, broadcasting stations, etc.
Klein, G. K., Gavrilchenko, I. V. - Stability of tower structures with shallow foundations on rocky beds. *Stroitel'nikh. Len.* 30 no. 8:18-14 '68.

72.7.9(477)—Ukrainian S. S. R.
Bashchenko, I. - National observatory. *Stroitel'nikh. Len.* 30 no. 8:18 My '67.

72.8 Residential buildings. Housing. Domestic architecture
Kuznetsov, V. I. - Layout features of apartments with corner and three-sided orientation in single-section apartment houses. *Stroitel'nikh. Len.* 30 no. 11:104-105 '67.
Kuznetsov, A. V., Bobrov, K. M. - Improving residence building in the U. S. S. R. *Stroitel'nikh. Len.* 30 no. 11:171-174 '67.
Sokolov, V. V. - Residential complexes of the future. *Stroitel'nikh. Len.* 30 no. 11:18-19 D '68.

72.8(477)—Czechoslovakia
Yorandich, A. K. - Design of large dairy farms with special buildings in Czechoslovakia. *Trudy Kish. pol'skikh. Len.* no. 7:73-74 '67.

72.8(471.310)—Moscow City
Kuznetsov, V. K., Kuznetsov, T. L., Pavlov, K. S. - Studying air exchange in a 30-story residential building to be built on Kaluzhskiy Prospekt in Moscow. *Stroitel'nikh. Len.* 30 no. 11:10-121 '67.

72.8(477)—Ukrainian S. S. R.
Belogub, V., Kozlov, M. - Using standard projects on a complex relief. *Stroitel'nikh. Len.* 30 no. 7:40 JI '67.
Kuznetsov, M., Dronov, A. - New residential districts. *Stroitel'nikh. Len.* 30 no. 7:30-31 JI '67.
Residential area in Shevchenko District. *Stroitel'nikh. Len.* 30 no. 7:23 JI '67.
Vashchenko, K., and others. - Development of housing construction. *Stroitel'nikh. Len.* 30 no. 8:18-17 My '67.

72.8(477)—Azerbaijan S. S. R.
Kuznetsov, M. F. - Some problems of building apartment houses with balconies. *Stroitel'nikh. Len.* 30 no. 11:104-107 '67.

73 SCULPTURE AND THE PLASTIC ARTS

73(52)—Northwest Africa, Egypt and Sudan
Meisner, R. - Egyptian art. *Nov. vrem.* 27 no. 1:10-12 Ja '68.

73.7 Mesopotamia
Bapov, O. M. - Monuments of the Sumerian dynasty and the symbols of the falcon. *Stroitel'nikh. Len.* 30 no. 8:63-69 '68.

73.7(471.68)—Krasnodar Territory
Bapov, A. I. - Accidental findings in Anapa and its environs. *Stroitel'nikh. Len.* 30 no. 8:243-244 '68.

1544

2 (Continued)

- arlov, G. - The hero is next to you. Sov. profsoyuznaya shkola, 1968. O '68.
- Arlov, E. M. - Children's literature and the education of the new man. Uch. zap. Irk. gos. ped. inst. no. 24; 144-152 '68.
- Berlov, V. - Literally alive. Komsomol'sk 43 no. 14; 22-24 '68.
- Brilsk, M. M. - Poetic response of O. Navrotskyi to the death of Turgenev. Rad. lit. 13 no. 11:64-71 N '68.
- Brilsk, V. - The implacable. Ochiart' no. 01:85-201 S '68.
- Brilsk, I. V. - First anniversary of I. S. Turgenev in the Soviet Ukraine. Rad. lit. 13 no. 11:71-72 N '68.
- Kozlov, A. Z. - Russian literature in Iran and modern Persian prose. Vest. LGU 23 no. 3:85-103 O '68.
- Kozlov, M. - Hero in life is a hero in literature. Mol. kom. no. 18:113-118 '68.
- Kozlovskiy, A. - Allitude towards our classical heritage: stage interpretation of Russian classics. Komsomol'sk 48 no. 13:84-109 S '68.
- Kozlov, M. - A great fabulist: the 100th anniversary of I. A. Krylov's birth. Agitator no. 1:28-30 Ja '69.
- Kozlov, T. - Gogol' and Gorkh's traditions in the work of Chukhov. Rad. lit. 10 no. 10:34-43 O '68.
- Berkov, P. P.
- Kozlov, E. M. - Names of nature in the tales of Berkov. Uch. zap. OGU no. 6:108-123 '64.
- Berkov, D.
- Kozlov, A. P. - The Pushkin tradition in the satyrical fairy tales of Dem'ian Berkov. Uch. zap. Orlov. gos. ped. inst. 27:86-108 '64.
- Chukhov, A. P.
- Kozlov, V. K. - A short trilogy of A. P. Chukhov. Uch. zap. Irk. gos. ped. inst. no. 24:27-30 '64.
- Dostoevskiy, F. M.
- Kozlovskiy, O. N. - Inner monologue in F. M. Dostoevskiy's novel "Crime and punishment." Uch. zap. Orlov. gos. ped. inst. 27:80-808 '64.
- Kozlov, E. V. - The problem of the positive hero in F. M. Dostoevskiy's novel "The idiot." Uch. zap. Orlov. gos. ped. inst. 27:184-184 '64.
- Oskidar, A. P.
- Aleksandrov, O. I. - Characteristics of rhythms in the tales and stories of A. Oskidar. Uch. zap. OGPI no. 70; 83-113 '68.
- Chervinskaya, E. A. - Skill in the structure of the characters in "Fate of a drummer." Uch. zap. OGPI no. 70; 87-93 '68.
- Kopelkin, M. A. - The word and the image: observations on the creative history of "Tinsur and his consorts" by A. Oskidar. Uch. zap. OGPI no. 70:84-88 '68.
- Lopys, G. P. - Creative history of A. P. Oskidar's fairy-tale novella "The blue cup." Uch. zap. OGPI no. 70; 38-45 '68.
- Oskidar, N. M. - The Red Star Guard of Arkadii Oskidar: the positive hero. Uch. zap. OGPI no. 70:34-38 '68.
- Oskidar, V. V., Rybakov, M. L. - Bibliography of A. P. Oskidar's work and of literature concerning him. Uch. zap. OGPI no. 70:140-147 '68.
- Oskidar, G. A. - Functions of ordering and pejorative distinctive symbols of nouns in the works of A. P. Oskidar. Uch. zap. OGPI no. 70:140-147 '68.
- Matulov, E. K. - Combination of the realistic and romantic in A. P. Oskidar's stories. Uch. zap. OGPI no. 70:47-56 '68.
- Ovchinnik, L. A. - The struggle for the authentic traditions of A. P. Oskidar in Soviet children's literature. Uch. zap. OGPI no. 70:3-23 '68.
- Tranekova, O. A. - Characteristics of the individual literary style of A. P. Oskidar. Uch. zap. OGPI no. 70; 113-126 '68.
- Tsveta, E. G. - A. Oskidar in a course in Soviet children's literature. Uch. zap. OGPI no. 70:65-68 '68.
- Goschikov, I. A.
- Kuznetsov, F. G. - Sketches on round-the-world travels on the bridge "Pallada." Uch. zap. Irk. gos. ped. inst. no. 24:24-24 '68.
- Tikhonov, V. M. - Inner monologue in Turgenev's and Goncharov's novels ("Fanny", "The preceptor"). V. M. Tikhonov. Uch. zap. Orlov. gos. ped. inst. 27: 304-323 '64.
- Tsveta, V.
- Pedakova, L. A. - Time gives the evaluation. Uch. zap. Irk. gos. ped. inst. no. 24:64-75 '68.
- Lermontov, M. I.
- Mokoshina, T. A. - The author in M. I. Lermontov's poem "The demon." Izv. Vor. gos. ped. inst. 70:34-39 '67.
- Mirov, G.
- Reppich, V. B. - G. Mirov's novel "Ball of the earth." Uch. zap. Irk. gos. ped. inst. no. 24:113-127 '64.
- Olesha, I. U. K.
- Mirova, V. A. - The early work of Iurii Olesha. Uch. zap. Orlov. gos. ped. inst. 27:106-134 '64.
- Polonskii, V. P.
- Polina, Y. V. - E. M. Sargsev-Tsionkii and V. P. Polonskii. Uch. zap. Orlov. gos. ped. inst. 27:126-134 '64.

- Sargsev, V. M.
- David, E. V. - Poetry of revolutionary truth. Uch. zap. Irk. gos. ped. inst. no. 24:103-117 '64.
- David, E. V. - The communist idealism in V. M. Sargsev's novel "Lena." Uch. zap. Irk. gos. ped. inst. no. 24:118-121 '64.
- Shishkov, V. I.
- Shishkov, E. I. - V. I. Shishkov's story "The bewitching flower." Uch. zap. Irk. gos. ped. inst. no. 24:84-85 '68.
- Sokolov, V.
- Kal'ter, L. Z. - Note on the landscape. Uch. zap. Irk. gos. ped. inst. no. 24:138-144 '68.
- Tolstoy, L. N.
- Takko-God, M. - Roman's Rolland on L. M. Tolstoy and Russia in the first decade of the 20th century. Izv. Sev.-Ost. mon. -l. inst. 24:112-123 '64.
- Turgenev, I. S.
- Shishkov, E. I. - The inner speech as a means of disclosing the social and psychological drama of Merzhinov. Uch. zap. Orlov. gos. ped. inst. 27:214-215 '64.
- Tvardovskii, A. T.
- Berkov, M. A. - The poetic world as a form of expression of the author's consciousness in the work of A. T. Tvardovskii. Izv. Vor. gos. ped. inst. 70:40-61 '67.
- Vol'nov, I.
- Ponomarev, V. V. - The satirical theme in the work of Ivan Vol'nov. Uch. zap. Orlov. gos. ped. inst. 27: 87-87 '64.
- 853 Ukrainian literature
- At the Institute for Literature. Rad. lit. 10 no. 8:98 S '68.
- Berkovskiy, M. D. - Characteristics of the world views of the early I. Medved-Lavryshchuk. Rad. lit. 10 no. 8; 34-47 S '68.
- Berkov, V. S. - The October Revolution and the Shevchenko heritage. Rad. lit. 11 no. 5; 83-83 My '67.
- Brilsk, Volodymyr - Intellectualism of the writer. Rad. lit. 11 no. 8:14-22 My '67.
- Dobrov, T. - The epic, epic features and the contemporary novel. Rad. lit. 10 no. 10:24-23 O '68.
- Dobrovskiy, V. - The life-affirming legacy of Oskidar Vynchuk. Rad. lit. 11 no. 11:73-88 M '68.
- Dub, Ivan - Petro Panch. Rad. lit. 10 no. 7:60-67 Ji '68.
- Falko, I. - At the Department for Literature, Language and Art of the Academy of Sciences of the Ukrainian S.S.R. Rad. lit. 19 no. 7:93-94 Ji '68.
- Falkov, L. P. - I. S. Medved-Lavryshchuk's tale "The Athos rogue." Rad. lit. 11 no. 11:44-53 M '68.
- Goschikov, G. J. - Atmosphere of folklore in the tale "Merzuka." Rad. lit. 11 no. 11:31-47 M '68.
- Isaev, M. Orluk, P. - Serhii Pylypenko. Rad. lit. 10 no. 7:68-79 Ji '68.
- Korditsky, Anatoliy - Following the command of the heart. Rad. lit. 10 no. 8:13-13 S '68.
- Lyubitsky, Mykola - The world and the world view. Rad. lit. 10 no. 8:13-13 S '68.
- The Institute for Literature in the new five-year plan. Rad. lit. 10 no. 7:94-94 Ji '68.
- Nas'o, L. - Roads, search, and achievements. Rad. lit. 10 no. 10:23-23 O '68.
- Reppich, Petro - Science of time and sensation of words. Rad. lit. 11 no. 11:8-19 M '68.
- Kaspar, A. - The lyric drama "Withered leaves" and its echo in poetry. Rad. lit. 10 no. 7:80-90 Ji '68.
- Kisilov, M. K. - Koshchivskyi and Gorkh's publishing house "Kamada." Rad. lit. 11 no. 8:27-44 My '67.
- Kryzhanovskiy, M. Vangel's "Mykola Koval." Rad. lit. 11 no. 8:73-74 My '67.
- Letters of M. Drabomanyov to P. Lavrov. Rad. lit. 10 no. 8:65-64 S '68.
- M. P. - Scientific council in Minsk. Rad. lit. 11 no. 8; 86 My '67.
- Mashukov, M. - Rich melodies. Mystetstvo 18 no. 5:28-27 S-O '68.
- Mashukov, V. - Letters of Mark Chervinskii to V. Oskidar. Rad. lit. 11 no. 8:74-77 My '67.
- Mashukov, B. - Readers: Reflections, search, observation. Rad. lit. 11 no. 11:20-30 M '68.
- The October Revolution, Lenin, literature. Rad. lit. 11 no. 11:3-7 M '68.
- Oskidar, V. U. - Was M. P. Sargsev's story ever as enigmatic? Rad. lit. 11 no. 8:77-80 My '67.
- Pavlyk, M. M. - O. O. Navrotskyi, the first Ukrainian translator of Rastrelli's poem. Rad. lit. 10 no. 8; 73-78 S '68.
- Pavlyk, M. M. - Poetic response of O. Navrotskyi to the death of Turgenev. Rad. lit. 11 no. 11:64-71 N '68.
- Pavlyk, Stepan - Establishing high criteria in criticism. Rad. lit. 10 no. 7:23-23 Ji '68.
- Polonskii, V. P. - Olesha Vynchuk. Rad. lit. 11 no. 8; 83-73 My '67.
- Pogor, P. M. - From Franko, researcher on the life and work of H. Shevchenko. Rad. lit. 10 no. 8:194-23 S '68.
- Romanenko, V. - M. Drabomanyov and his fight against nationalism. Rad. lit. 10 no. 8:44-44 S '68.
- Rozach, Petro - In the archive of the Shevchenko scholar. Rad. lit. 11 no. 8:106 My '67.
- Sargsevskiy, Ivan - Iryhorii Zabolotnyi. Artistic logic of the image. Rad. lit. 11 no. 8:54-64 My '67.

- Shchepotyn, Mykola - M. I. Kostomarov, writer and literary worker. Rad. lit. 11 no. 8:45-47 My '67.
- Sydoruk, Mykola - Completeness of conflict. Rad. lit. 10 no. 7:3-11 Ji '68.
- Trifilovskiy, A. - In the edited association of Soviet writers. Rad. lit. 11 no. 8:13-13 My '67.
- Trifilovskiy, V. I. - Sources for M. P. Sargsev's novel "The land of Karmelishuk." Rad. lit. 11 no. 8:33-35 My '67.
- Kavertaluk, M. - Satire in the sociopolitical writings during the period of the civil war. Rad. lit. 10 no. 10; 74-80 O '68.
- Shevchenko, T. H.
- Brilsk, Iurii - Notes of a Shevchenko expert. Rad. lit. 18 no. 10:84-88 O '68.
- Krivtsov, D. O. - Reminiscences about T. H. Shevchenko. Rad. lit. 10 no. 10:80-88 O '68.
- Olesha, V. I. - Scientific biography of T. H. Shevchenko. Rad. lit. 10 no. 10:89-73 O '68.
- Ukrainka, L.
- Kochub, L. - Loris Ukrainka's dramatic poem "Cassandra." Rad. lit. 10 no. 10:81-87 O '68.

854 Other Slave literature

- Vladim, V. P. - From observations on contemporary Polish prose. Rad. lit. 10 no. 10:44-44 O '68.
- Jankowski, B.
- Protsev, B. I. - Bruno Jankowski's poem "The song of hunger." Uch. zap. Orlov. gos. ped. inst. 27:22-26 '64.
- 851 Other Indo-European literature
- Adamsky, Kh. M. - Review of Russian prose of the last few years. Izv. Sev.-Ost. mon. -l. inst. 26:3-30 '68.
- Aytle, P. U. - A new trend in Marty studies. Izv. Sev.-Ost. mon. -l. inst. 26:208-210 '68.
- Chervinskaya, E. K. - Russian folk songs about V. I. Lenin. Izv. Sev.-Ost. mon. -l. inst. 26:123-128 '68.
- Kharashev, T. A. - The historical folk song "Kharashev, the darling Kharkiv." Izv. Sev.-Ost. mon. -l. inst. 26:160-173 '68.
- Mamurov, A. D. - The Russian historical "Song of Kharashev from Donikara." Izv. Sev.-Ost. mon. -l. inst. 26:129-149 '68.
- Romanenko, A. Z. - Russian literature in Iran and modern Persian prose. Vest. LGU 23 no. 3:82-103 O '68.
- Dobrovskiy, G. B.
- Berkov, A. T., Berkov, E. S. - Oleg Dobrovskiy. Izv. Sev.-Ost. mon. -l. inst. 26:182-204 '68.
- Goschikov, B.
- Al'borov, B. A. - The manuscript of the poem "The dying warrior." Izv. Sev.-Ost. mon. -l. inst. 26:78-81 '68.
- Kaspar, I. D.
- Berkov, K. M. - New material on Iurii Kaspar. Izv. Sev.-Ost. mon. -l. inst. 26:31-44 '68.
- Kharashev, K. I.
- Kharashev, K. I. - Phraseology of K. Kharashev's publications. Izv. Sev.-Ost. mon. -l. inst. 26:123-124 '68.
- Kodakov, I. D. - The rhythm in K. I. Kharashev's verse. Izv. Sev.-Ost. mon. -l. inst. 26:48-77 '68.
- Pilev, G.
- Kharashev, B. I. - "Chernom" a tragedy in five acts by G. Pilev. Izv. Sev.-Ost. mon. -l. inst. 26:174-191 '68.
- 852 South literature
- Rishko, N. - What does the 48th/7th Psalm tell us? (to be concluded). Khark. Mon. Petr. no. 10:73-76 '68.
- 854.1 Ural-Altaic literature
- Said-Kade, A. A. - Ashby-Pet Marallianly. Dokl. AN Azerb. SSR 24 no. 4:63-67 '68.
- Kaspar
- Berkovskiy, I. L. - The beautiful and tragic in Kharashev's aesthetic views. Izv. AN Turk. SSR, obshchestv. nauk no. 1:35-43 '68.
- 854.2 Canadian literature
- Aytle, P. U. - A new trend in Marty studies. Izv. Sev.-Ost. mon. -l. inst. 26:208-210 '68.
- Pavlyk, M. M. - O. O. Navrotskyi, the first Ukrainian translator of Rastrelli's poem. Rad. lit. 10 no. 8; 73-78 S '68.
- Pavlyk, Stepan - M. Harko's research on the poem "The knight in the tiger's skin." Rad. lit. 10 no. 8; 68-73 S '68.

9. GEOGRAPHY, BIOGRAPHY, HISTORY

910 General studies. Aspects of travel, exploration, etc.
Miletskiy, R. A. - Some problems of the efficient distribution of the branches of an industry in an economic region as revealed by a study made in the northwest of the U.S.S.R. *Vestn. LGU* 23 no. 23:183-189 Ja '68.
Mazharov, V. G. - What kind of courses is needed in teachers' colleges. *Vop. geol. geogr. i kraev. nauch. issled.* no. 3:19-21 '68.

910(464) - San Marino
Gusakov, I. B. - In the Republic of San Marino. *Oktyabr'* no. 9:187-189 S '68.

910(469) - Netherlands
Chakotarskaya, T. I. - In "Gulielm" Holland. *Nov. vrem.* 27 no. 3:17-20 Jan. '69.

910(471.51) - Krasnoyarsk Territory
Tavrov, A. - A talent for struggle. *Oktyabr'* no. 11:131-140 O '68.

910(8) - Comenius
Kozov, V. - Under the palm trees of Taldik: travel impressions. *Nov. vrem.* 27 no. 2:38-39 Ja '69.

911 General geography (physical, human, applied, etc.)
Makarevich, L. V. - Study of school textbooks in teachers' colleges. *Vop. geol. geogr. i kraev. nauch. issled.* no. 3:16-18 '68.
Makarevich, L. V. - G. V. Makarevich and the geographical school of sociology. *Uch. zap. TGU* no. 4:13-31 '68.
Gorokhov, E. M. - Problem of wholeness in geography. *Vestn. LGU* 23 no. 19:77-78 S '68.
Kozlov, A. I. - Problems and organization of the field complex practice topographical geography in biological and geographical departments of teachers' colleges. *Vop. geol. geogr. i kraev. nauch. issled.* no. 3:20-40 '68.
Rakhtinskaya, R. G. - Professional and pedagogical trend in a course in the physical geography of the parts of the world. *Vop. geol. geogr. i kraev. nauch. issled.* no. 3:13-14 '68.

911(470) - European U.S.S.R.
Baklanov, E. A. - Volga Valley: economic and geographical characteristics. *Vop. geol. geogr. i kraev. nauch. issled.* no. 3:76-180 '68.

911(471.13) - Korea A.S.S.R.
Neshtil, N. A. - Effect of natural and climatic factors upon the structure of the fuel and power resources of the Korea A.S.S.R. *Probl. Sev. no. 12:108-118 '67.*

911(475) - Central Asia
Gulmanov, P. - The types of landforms in the central part of the Khorasan Valley adjacent to the Caspian. *Nauch. trudy TashGU* no. 310:90-94 '67.
Rahimov, T. - Capital cities of Central Asia. *Nauch. trudy TashGU* no. 310:118-123 '67.

911(475.1) - Uzbek S.S.R.
Baklanov, M. V. - Effect of natural conditions and resources on the development and distribution of cities and towns in Uzbekistan. *Nauch. trudy TashGU* no. 310:70-104 '67.
Sviridov, M. V. - Some problems in the development of Uzbekistan's cities and towns. *Nauch. trudy TashGU* no. 310:105-118 '67.

911(475.3) - Tajik S.S.R.
Korovin, A. L. - Some problems in the topographic study of Tajikistan. *Izv. Otd. obshchestv. nauk AN Tadzh. SSR* no. 1:80-74 '68.
Iskenderov, V. M., Arakchayev, M. A. - Some physico-geographical and climatic characteristics of the southern slope of the Gissar Range. *Trudy Tadzh. nauch. inst.* 19:143-150 '68.

912 Maps, atlases, globes, etc.

Galkov, Ch. V. - The use of background maps in the compilation of landform maps. *Nauch. trudy TashGU* no. 310:75-74 '67.

912(475) - Central Asia
Klimov, Kh. - Geographical tables of al-Biruni and Ulugh Beg. *Nauch. trudy TashGU* no. 310:3-14 '67.

912(475.1) - Uzbek S.S.R.
Lomskaya, L. P. - A general map of the natural conditions of Uzbekistan. *Nauch. trudy TashGU* no. 310:80-88 '67.

913 BIOGRAPHY

Alexandrov, A. M.
Alexandr Nikitich Alexandrov on his 60th birthday. *Arm. izn. shir.* 18 no. 3:144-145 '68.

Aleksey, Saint, Metropolitan of Moscow
Ostapov, A. - On the "measured" icon of Saint Aleksey. *Khur. Mosk. Patr.* no. 2:44 '67.

Ambartsumian, V. A.
Gorbunov, V. G. - Vladimir Ambartsumian on his 60th birthday. *Zem. i vesn.* no. 5:86-90 S-O '68.

Andropov, V.
Salimskiy, N. - She loves her friends. *Mysletstvo* 18 no. 5:44 O '68.

Arakchayev, A. I.
Alexandre Kiselevich Arakchayev on his 60th birthday. *Khur. shir.* no. 1:3-4 Ja '68.

Artemyev, A. A.
Fedorov, N. - Precursor of science and industry. *Prosn. Arm.* 10 no. 5:84-85 '68.

Ashchinskii, A. M.
Seventieth birthday of Aleksandr Mikhailovich Ashchinskii. *Khur. shir.* 29 no. 10:67 O '68.

Avtyun, A. P.
Alexandr Pavlovich Avtyun on his 80th birthday. *Arkh. pac.* 26 no. 10:27-28 '68.

Babitskiy, B. R.
Dobranskiy, V. I., Kalchakov, Yu. M., Teremoshin, A. I. - B. R. Babitskiy's 60th birthday. *Sov. arkhiv.* no. 3:101-104 '68.

Belavskiy, S. M.
S. M. Belavskiy: an obituary. *Sred. spets. obr.* 16 no. 4 '68 Ap '68.

Berg, A. I.
A. I. Berg on his 75th birthday. *Radetskaya* 23 no. 11:107-108 M '68.
Boris, I. A. - An admiral in the field of science. *Stand. i zhizn.* 22 no. 19:90-94 O '68.

Birukov, V. D.
In memory of V. D. Birukov 1888-1968. *Tranp. shir.* no. 3:63 Ag '68.

Bishepskiy, S. M.
S. M. Bishepskiy: obituary. *Mos. shir.* 21 no. 4:46-47 '67.

Blizhniy, A. A.
Kostin, K. - Aleksei Aleksandrovich Blizhniy, discoverer of the "Second Basin." *Nauch. trudy* 13 no. 12:28-27 D '68.

Born, M.
Born, Max. - Reminiscences about Einstein. *Vop. filoz.* no. 11:125-128 '68.

Brandt, V. M.
V. M. Brandt is 60 years old. *Mos. shir.* 20 no. 18:4 D '68.

Brikskiy, Yu. M.
Yuri Mikhailovich Brikskiy, 1830-1881: an obituary. *Trudy Khark. nauch. inst. i zap. khark.* 13:3-4 '67.

Bychkovskiy, B. R.
Borokov, A. A., Ter-Isakyan, M. K. - Boris Kiselevich Bychkovskiy on his 60th birthday. *Zool. zhur.* 47 no. 8:1275-1277 Ag '68.

Chabur'yan, G. S.
G. S. Chabur'yan's 60th birthday. *Radetskaya* no. 23:84-81 D '68.

Delany, P. P.
Pavel Fedorovich Delany on his 70th birthday. *Zher. sev. i polk.* 60 no. 11:744 '68.

Dobranskiy, A. T.
Alexandr Timofeevich Dobranskiy's 60th birthday. *Trudy. med.* 41 no. 11:18 N '68.

Dufrenoy, M.
M. P. - A French philosopher's views on structuralism in literary criticism. *Vop. filoz.* no. 11:173-178 '68.

Einstein, A.
Born, Max. - Reminiscences about Einstein. *Vop. filoz.* no. 11:125-128 '68.

Eisenstein, B. M.
Boris Mikhailovich Eisenstein, obituary. *Mos. shir.* 20 no. 11:44 N '68.

Fennel, R. E.
Fennel, A. A. - R. E. Fennel: 1886-1970. *Sov. arkhiv.* no. 3:106-108 '68.

Filaret, Metropolitan of Moscow
Metropolitan Filaret and the Moscow Theological Academy address of His Holiness Patriarch Alexei at the evening session in memory of Metropolitan Filaret in the Moscow Theological Academy. *Khur. Mosk. Patr.* no. 2:17-28 '67.
Filaret, K. - Celebration in memory of Metropolitan Filaret. *Khur. Mosk. Patr.* no. 2:34-35 '67.

Galenko, P.
Vlasov, K. K. - In memory of P. Galenko. *Bot. zhur.* 63 no. 11:710-713 My '68.

Galkin, E. A.
Nikolov, A. A., Bozh, M. S. - Ekaterina Alekseevna Galkina on her 70th birthday. *Bot. zhur.* 63 no. 4:706-710 My '68.

Georgievskiy, A. S.
Alexis Sergeevich Georgievskiy on his 60th birthday. *Poen.-med. zhur.* no. 11:61 D '68.

Gorkii, A. M.
A. M. Gorkii, in Italy. *Sov. arkh.* no. 4:101-107 '68.

Gudkov, A. S.
In memory of Aleksandr Sergeevich Gudkov. *Nov. vrem.* 27 no. 11:27 O '68.

Ioffe, P. V.
P. V. Ioffe: obituary. *Uch. zap. po stat.* 13:110-21 '67.

Izrael, I.
Mikhailov, A. - In memory of Iosif Izrael. *Zhur. Mosk. Patr.* no. 2:83-84 '67.

Kingsley, G. A.
Georgii Iosifovich Kingsley on his 70th birthday. *Form. i toka.* 31 no. 6:784 N-D '68.

Klimov, S. I.
Klimov, A. - Celebrations in memory of the 60th anniversary of the death of Saint Kiriak of Chirchik. *Zhur. Mosk. Patr.* no. 2:85-86 '67.

Kolpashnikov, G. L.
Daryin, S. - Creative joy. *Mysletstvo* 18 no. 6:121 N-O '68.

Kolokolov, V. G.
In memory of Professor V. G. Kolokolov. *Radetskaya* 23 no. 4:100-107 Ji-Ag '68.

Korotkiy, L. G.
Dunova, M. G. - Little-known material on the history of the Korotkiy spring. *Vop. filoz.* no. 11:100-107 N '68.

Kotelnikov, V. A.
Academian V. A. Kotelnikov on his 60th birthday. *Radetskaya* 23 no. 10:87 O '68.
V. A. Kotelnikov on his 60th birthday. *Radetskaya* 23 no. 11:100-110 N '68.

Krupskaya, M. K.
Abramov, K. - "You should learn to study as V. I. Lenin did." *Radetskaya* no. 13:14-31 O '68.
Bogdanovskiy, M. - We are studying the heritage of Mariya Kuznetsovna. *Radetskaya* no. 13:30-31 '68.
Gorkii, E. - How to study M. K. Krupskaya's work. *Radetskaya* no. 13:32-34 D '68.
Lilinskaya, S. - "It is good to live in such an epoch!" the anniversary of M. K. Krupskaya's birth. *Radetskaya* no. 13:30-32 Ja '69.

Krupskaya, M. K.
Chernov, E. - According to Krupskaya's plan. *Radetskaya* no. 13:32-31 D '68.

Krylov, I. A.
Chernov, E. A. - Studying the magazine and style of I. A. Krylov's work. *Vestn. LGU* 23 no. 20:65-64 O '68.

Kuznetsov, L. I.
Lentov, L. M., Khov, T. P., Uspenskiy, G. P. - Conference dedicated to the memory of Professor L. I. Kuznetsov. *Vestn. Mosk. un. Ser. 6:161, pocht.* 23 no. 3:117-118 My-Ju '67.

Lag, G. F.
Kuznetsov, K. R. - Georgii Fedorovich Lag: on his 60th birthday. *Radetskaya* 23 no. 6:13-10 N-D '68.

Levin, V. I.
Alexandrov, B. - In V. I. Lenin's house, the museum. *Sred. spets. obr.* 16 no. 4:13-23 Ap '68.
Kyselov, L. - Toward new creative quests. *Mysletstvo* 18 no. 6:3-5 S-O '68.
Leninism is the Marxism of our epoch. *Kommunist* 48 no. 13:13-13 S '68.

Leningrad, V. - Foreign policy activities of V. I. Lenin. *Nov. vrem.* 27 no. 13:8 Ja '69.
Lilinskaya, V. - In the hometown of the leader. *Sred. spets. obr.* 16 no. 4:13-20, 21 Ap '68.
Mikhailov, V. - Merely alive. *Kommunist* 48 no. 14:22-23 '68.

Preparations for the centenary of Vladimir Ilich Lenin's birth: decision of the Central Committee of the CPSU. *Kommunist* 48 no. 13:14-14 Ag '68.

Lisovsky, B. M.
Rudakov, M. - Artist and thinker. *Mysletstvo* 18 no. 6:13-23 S-O '68.

Lisovsky, L. L.
Lilinskaya, V. I., Rudakov, B. M., Zakharenko, G. S. - In memory of L. L. Lisovsky on his 70th birthday. *Nauch. trudy TashGU* no. 310:270-270 Ag '68.

London, E. S.
Prokhorov, M. I. - All life dedicated to research: on the 180th anniversary of the birth of N. M. Boronovskiy. *Vestn. LGU* no. 11:166-171 N '68.

Lukatskiy, V. S.
Kozlov, E. - In step with life. *Tekhn. i voenn. zhur.* 28 no. 3:3 '68.

Kozlov, E. - Our subject is flight safety. *Tekhn. i voenn. zhur.* 28 no. 3:3 '68.

Lysenko, A. G.
Sixtieth birthday of Arseniy Grigorievich Lysenko. *Khur. shir.* 26 no. 10:68 O '68.

830.34(471.81)—Rostov Province
Akhnatova, L. P. - Use of documentary materials for
agitation and propaganda. Sov. arkh. no. 4:41-45 '68.

830.35(478)—White Russian S. S. R.
Kruglov, F. M. - Efficient methods of archival work.
Sov. arkh. no. 4:86-88 '68.

830.36 Archaeology. Anthropology
Dovzhenko, V. I., Zakharenko, I. U., Tereoshina, A. L. -
S. N. Bolshakov's 60th birthday. Sov. arkh. no. 3:81-
84 '68.
Potemkin, V. G. - Second Moscow Conference on Problems
of Soviet and German archaeology. Sov. arkh. no. 3:297-
301 '68.
Taranova, Marina - Youth for ancient authors. Otkrytiye
no. 8:182-183 '68.
Work of the Sector of the Paleolithic Period in 1963-
1965. Kras. soob. Inst. arkh. no. 11:126-129 '67.

830.36(471.24)—Novgorod Province
Orlov, S. N. - Archaeological exploration in the lower
Volga Valley. Sov. arkh. no. 3:166-171 '68.

830.36(471.25)—Pskov Province
Nikol'skii, A. M., Gerasimova, K. G. - Experience in
applying the method of phosphate analysis for exploring
ancient settlements in Pskov Province. Sov. arkh. no. 3:281-
284 '68.

830.36(471.45)—Astrakhan Province
Chalka, L. L. - Some ancient tiles from the ancient site
near Belirameyev. Sov. arkh. no. 3:236-243 '68.

830.36(471.61)—Rostov Province
Pavlov, N. D., Filippov, A. K. - First find of the
artifacts of Paleolithic art in the steppes of Southern
Russia. Kras. soob. Inst. arkh. no. 11:124-126 '67.

830.36(471.63)—Krasnodar Territory
Baklanov, E. A. - Brief information on the excavation of
Alkhayr' Cave in 1966. Kras. soob. Inst. arkh. no. 11:168-
169 '67.
Lashin, V. P., Shchegolev, V. K. - The study of Neolithic
sites in 1965. Kras. soob. Inst. arkh. no. 11:
73-79 '67.
Salov, A. I. - Archaeological findings in Anapa and its environs.
Sov. arkh. no. 3:242-244 '68.

830.36(471.63)—Maykop Territory
Layevskiy, A. I. - Burial mounds and the river network
in the southwestern Caucasus. Sov. arkh. no. 3:244-
248 '68.
Ismailov, A. P. - A cat's paw burial ground of the 14th-15th
centuries near Kislovodsk. Sov. arkh. no. 3:248-
254 '68.

830.36(478)—White Russian S. S. R.
Aleksandrov, L. V. - White Russian archaeology and historical
studies in the second half of the 19th and the
beginning of the 20th century. Sov. arkh. no. 3:26-
100 '68.
Gerasimov, E. M. - New developments in the study of White
Russian sites. Kras. soob. Inst. arkh. no. 11:124-
126 '67.
Tarin, A. P. - Neolithic monuments of the South Valley.
Kras. soob. Inst. arkh. no. 11:168-171 '67.

830.37(477.3)—Bulgaria
Majewski, K. - Polish archaeological explorations of 1967
in the Mura Valley, Bulgaria. Sov. arkh. no. 3:244-
248 '68.

830.38(477)—Ukrainian S. S. R.
Petrash, V. P. - Petrographic determination of minerals
and the regions of their activity by the tribes of the
period of primitive agriculture in the southwestern
U. S. S. R. Kras. soob. Inst. arkh. no. 11:168-171 '67.

830.38(477.9)—Crimea
Kruglov, F. M. - V. V. Vessolov's obituary. Sov. arkh. no. 3:244-
248 '68.
Tolstunovskaya, V. L. - The Karoh burial vault found in
1961. Sov. arkh. no. 3:183-184 '68.

830.38(478)—Moldavian S. S. R.
Pavlov, T. S., Gerasimov, E. M. - A recently found
site from Vulturești. Kras. soob. Inst. arkh. no. 11:168-
171 '67.
Tolstunov, V. I. - Pottery materials found during the excavation
of settlements of the Chirchik valley culture in the U. S. S. R.
Kras. soob. Inst. arkh. no. 11:168-171 '67.

830.38(478.115)—South Ossetian Autonomous
Province
Dudakov, R. G. - Crypts in the upper Likhva Valley.
Sov. arkh. no. 3:244-248 '68.

830.38(478.24)—Azerbaijan S. S. R.
Mishchenko-Mishchenko, M. V. - Industrial edifices in the
artisan quarter of Baku. Sov. arkh. no. 3:244-
248 '68.

830.38(481)—Norway
Laditskiy, D., Kiprianov, A. - In memory of Jan
Petersen. Sov. arkh. no. 3:244-248 '68.

830.38(487.3)—Bulgaria
Majewski, K. - Polish archaeological explorations of
1967 in the Mura Valley, Bulgaria. Sov. arkh. no. 3:
244-248 '68.

Vyshevalov, S. N. - Bulgarian excavations from the end
of the 8th through the 11th century and their ethnic
affiliation. Sov. arkh. no. 3:244-248 '68.

830.38(471.85)—Chita Province
Orlov, S. N. - Some Transbaikalian copper and bronze
artifacts of the Karasuk cultural type in the Middle
Bronze Age. Sov. arkh. no. 3:186-187 '68.

830.38(478)—Central Asia
Koshida, P. M. - The Gold quadrangle. Sov. arkh. no. 3:
26-31 '68.

830.38(478.1)—Uzbek S. S. R.
Burtakov, I. U. - Graveyards of Pskent. Sov. arkh. no. 3:
131-133 '68.

830.38(478.4)—Turkmen S. S. R.
Usupov, Kh. - The Ak-Tapa in the Middle Ages pre-
liminary information. Sov. AN Turk. SSR Ser. obshchestv.
nauk no. 125-126 '68.

830.37 Epigraphy and paleography

830.37(477.9)—Crimea
Belova, M. F. - Inscription on the P. S. S. Sov. arkh. no. 3:
244-248 '68.

830.38 General history. World history
Historical articles published in Soviet periodicals. Vop.
ist. no. 11:178-184 '68.
New books. Vop. ist. no. 11:178-184 '68.
[New Soviet literature on history, archaeology, and
ethnography] Sov. ist. no. 11:178-184 '68.
[New Soviet literature on history, archaeology, and
ethnography] Sov. ist. no. 11:178-184 '68.

831 Ancient history

831(471.64)—Khabardino-Balkar A. S. S. R.
Abdumurova, Z. P. - New materials of the Samartian period
from the Khabardino-Balkar A. S. S. R. Sov. arkh. no. 3:
134-135 '68.

831(532.1)—Syria
Savitskiy, I. I. - A portrait from Palmyra in the Hermitage
collections. Sov. arkh. no. 3:244-248 '68.

84 Medieval and modern history

84(4)—Europe
Orlovskiy, I. R. - The expedition and the results of
history (contributions). Vop. ist. no. 11:141-144 '68.
Mishchenko, A. I. - The Great October Revolution and
the establishment of the new states in Europe. Vop. ist.
no. 11:141-144 '68.

84(430)—Germany
Bartel, Walter. - History of the Communist Party of
Germany. Nov. vrem. 27 no. 24-25 Jan. '68.
Koch, G. - Anniversary of the German Communists.
Nov. vrem. 27 no. 16 Jan. '68.
Orlovskiy, I. R. - German question in Latin America, 1933-
1943. Vop. ist. no. 11:141-144 '68.
Kopylov, N. L. - Heroin of workers in many cities.
Vop. ist. no. 11:141-144 '68.
Mishchenko, A. I. - The German nation and the destiny of
Europe. Ist. no. 11:141-144 '68.

84(438)—Austria
Kryukov, H. - October Revolution and the establish-
ment of the republics of workers' deputies in Austria.
Rad. pravo 31 no. 11:141-144 '68.

84(437)—Czechoslovakia
Orlovskiy, I. R. - Fiftieth anniversary of the establish-
ment of Czechoslovakia. Komunist 45 no. 16:186-187
'68.

84(438)—Hungary
Berk, Felix. - Eastern Orthodox Church in Hungary
(to be concluded). Zvez. Mosk. Patri. no. 10:35-39 '68.

84(44)—France
Dudakov, R. G. - Economic and social relations among
the Burgundians in the 6th and 7th centuries according
their "Laws" (Lex Burgundionum). Uch. zap. Petrosav. gos. un.
14 no. 10:35-39 '68.
Levashovskiy, A. P. - Problems of the origin and
disintegration of nations in the Middle Ages. Vop.
ist. no. 11:141-144 '68.

84(460)—Spain
Lester, E. - Our war (conclusion). Vop. ist. no. 11:141-
144 '68.

84(474)—Baltic Republics
The Baltic Soviet States. Nov. vrem. 27 no. 24-25
Jan. '68.

84(480)—Finland
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

Orlovskiy, I. R. - History of Russo-Finnish relations in
1900-1910. Uch. zap. Petrosav. gos. un. 14 no. 10:35-
39 '68.

84(484)—Greece
Akhmetov, K. - Fifty years of struggle for the benefit
of the people. Part. ist. no. 11:141-144 '68.

84(488)—European communist countries
Lashin, V. P. - Imperialism and the Eastern European
states, history of the Little Russia. Nov. vrem. no. 48:12-14
'68.

84(51)—China
Bereznyy, L. A., Efimov, O. V. - Some problems of
the division of China's recent history into
successive periods. Vest. LGU 23 no. 2:117-121
'68.
Vladimirov, O., Rukhovich, V. - Some problems in the
history of the Communist Party of China. Komunist 45
no. 16:186-187 '68.

84(518.17)—North Korea
Mishchenko, M. V. - Twenty years of the People's Republic of
Korea. Komunist 45 no. 13:114-115 '68.

84(575)—Central Asia
Kashcheyev, M. K. - Territorial organization of the
population of Turkmenia. Nauch. trudy Turk. SSR 310
149-152 '67.

84(58)—West and North Central Africa
Kharanov, A. - Benin. Benin. As. ist. no. 12:83-84
'68.

84(728.1)—Cuba
Orlov, A. G. - Jose Martí and the United States of
America in the late 19th century. Uch. zap. Petrosav. gos. un.
14 no. 10:35-39 '68.

84(73)—United States of America
Orlov, A. G. - Jose Martí and the United States of
America in the late 19th century. Uch. zap. Petrosav. gos. un.
14 no. 10:35-39 '68.

84(8)—South America
Orlov, A. G. - German question in Latin America. Ist. no. 11:
141-144 '68.

84(9)—Caucasia
Mishchenko, M. V. - Caucasus and U. S. S. R. Sov. arkh. no. 3:
244-248 '68.

84(93 History of World War II, 1939-1945
Orlov, P. - History of the 85th regiment. Mol. komm. no. 10:104-
107 '68.
Gerasimov, A. - Our division. Otkrytiye no. 8:178-183 '68.
Korotkov, G. D. - On the eve of the Great Patriotic War. Komunist 45
no. 16:186-187 '68.
Korotkov, G. D. - The most difficult period. Otkrytiye no. 8:
178-183 '68.

84(93.478)—White Russian S. S. R.
Belov, E. I. - Military medicine of the White Russian S. S. R.
Front in battles for the liberation of White Russia. Voen.-med. zhurn.
no. 11:141-144 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

84(93.478.4)—Turkmen S. S. R.
Cherkov, L. V. - Intelligence of Soviet Turkmenia in the
early phase of the Great Patriotic War. Ist. no. 11:141-
144 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.
Korotkov, G. D. - History of Russo-Finnish trade rela-
tions established in 1907. Uch. zap. Petrosav. gos. un. 14
no. 10:35-39 '68.

947(471.5)—Ural regions
Chernov, A. S. - Development of commodity and monetary relations in the Ural Mountain region and the northern part of European Russia during the second part of the 18th and the first third of the 19th century; the development of peasant trade. Uch. zap. Petrozav. gos. un. 14 no. 6:21-47 '68.

947(471.55)—Chelyabinsk Province
Alekha, V. P. - The past and present of the city of Min. Vop. ist. no. 11:214-215 N '68.

947(474.5)—Lithuanian S. S. R.
Brisak, A. - Road of struggle and victory. Komunist 46 no. 10:13-24 N '68.

947(478)—White Russian S. S. R.
Bel'kis, K. L. - White Russian grain market during the agricultural depression of the late 19th century. Vestn. AN BSSR. Ser. hist. nauk, no. 4:84-85 '68.
Kobayev, U. A. - All-White Russian congresses of the workers in the system of White Russian governmental organs during the building of socialism. Vestn. AN BSSR. Ser. hist. nauk, no. 4:118-22 '68.
Mikheev, I. P. - Development of federative relations between White Russia and the R. S. F. S. R. before the establishment of the U. S. S. R. Vestn. AN BSSR. Ser. hist. nauk, no. 4:5-14 '68.
Zakharov, V. R. - V. Karypa (a Poema). Vestn. AN BSSR. Ser. hist. nauk, no. 4:94-103 '68.

947(471)—Aristotle R. S. F. S. R.
[History of Siberia: information-bibliographic building] Ist. Sib. Ja-Je '68, Ja-Mr; JI-D '67.

947(474)—Kazakh S. S. R.
Kashtan, S. S. - Role of workers in the socialist transformation of Kazakhstan's agriculture, 1918-1956. Vop. ist. no. 11:40-54 N '68.

947(478)—Central Asia
Iakovlev, I. U. - The date of Novosibirsk's "vote" in Bogdansk. Ist. Otd. obshchestv. nauk AN Tadzh. SSR no. 1:77-83 '68.
Karyagin, I. U. - Historical experience of the peoples in the Soviet Orient; through the pages of the periodical "Mommunist Uzbekistan." Komunist 46 no. 14:116-119 S '68.

947(478.1)—Uzbek S. S. R.
Fedorov, M. N. - Fergana treasure-trove of the Karakhanid khans 1034-1043. Sov. arkh. no. 3:221-227 '68.

947(478.4)—Turkmen S. S. R.
Annasapayev, M. - Two concepts in studying the economy of the Turkmenians in the 16th and the first half of the 19th century. Ist. AN Turk. SSR. Ser. obshchestv. nauk no. 11:15-40 '68.

947.084 History of Russian Revolution, 1917-1920
Durov, M. G. - Little-known material on the history of the Komarov uprising. Vop. ist. no. 11:68-82 N '68.
First day of the Komarov. Mol. kom. no. 10:16-26 '68.
Kulikov, V. Y. - Documents on fraternization. Sov. arkh. no. 1:104-107 '68.
Pavlov, I. U. - In whom a human heart beats... Otkryti' no. 9:185-183 S '68.
Semenov, I. K. - Russian historiography of the civil war in the U. S. S. R. Vop. ist. no. 11:113-115 N '68.
Yakovlev, P. V., Gaponenko, L. S. - Working class of Russia, the beginning of the socialist revolution. Vop. ist. no. 11:1-20 N '68.

947.084(471.333)—Leningrad City
Tsybul'skiy, V. A. - Celebration of the first anniversary of the Great October Revolution in Petrograd. Vop. ist. no. 11:243-261 N '68.

947.084(471.55)—Chelyabinsk Province
Resolution of an all-district underground conference of the Chelyabinsk organization of the Russian Communist Party (Bolshevik). Sov. arkh. no. 4:58-61 '68.

947.084(477)—Ukrainian S. S. R.
Kopytska, M. - Music of the Red Cossacks. Myuzitel'no 15 no. 6:23-23 S-O '68.

947.084(477.8)—Crimea
Recollections of participants in the assault on Perekop Isthmus. Sov. arkh. no. 4:61-68 '68.

947.084(471)—Aristotle R. S. F. S. R.
Kashchuk, P. V. - P. K. Shchetnikov, a "Chapayev of Siberia." Vop. ist. no. 11:197-212 N '68.

947.084(478.4)—Turkmen S. S. R.
Kuchukova, I. G. - Organization of special agencies for the struggle against the counterrevolution and the protection of law and order in Turkmenistan, 1917-1920. Ist. AN Turk. SSR. Ser. obshchestv. nauk no. 11:9-15 '68.

AUXILIARY CLASS BY PLACE

(161) New states
see under the following numbers: 330.3; 333

(177) Underdeveloped and underdeveloped areas
see under the following numbers: 01; 331.7; 334; 339.4; 343; 347; 353.3

(211) Cold night regions
see under the following numbers: 634.1; 637.8

(213) Hot (tropical, subtropical) regions
see under the following number: 651.5

(224) Mountains of Europe
see under the following numbers: 540; 550.3; 550.34; 550.4; 551; 551.1; 551.2; 552

(235) Mountains of Asia
see under the following numbers: 551.40; 551.7; 552; 553

(261) Atlantic Ocean
see under the following numbers: 551.40; 551.5; 551.5; 552; 557; 559.2

(261.3) Baltic Sea, with Gulf
see under the following numbers: 550.9; 551.40

(262.5) Black Sea
see under the following numbers: 551.40; 559.3; 559.3

(262.8) Caspian Sea
see under the following numbers: 551.40; 559

(268) Pacific Ocean
see under the following numbers: 551.40; 551.5; 557.4; 551.5; 558; 559; 559.3; 559.3

(267) Indian Ocean
see under the following numbers: 551.40; 551.5

(268) Arctic Ocean
see under the following numbers: 551.3; 558; 559

(268.14) European rivers
see under the following numbers: 552.8; 551.3; 551.40; 551.504; 557

(479.103) Communist countries of the world
see under the following numbers: 337; 338.3; 338; 339

(479.104) Capitalist countries of the world
see under the following numbers: 30.07; 301; 31; 32; 321; 321.1; 321.2; 321.3; 321.4; 321.5; 321.6; 321.7; 321.8; 321.9; 322; 322.1; 322.2; 322.3; 322.4; 322.5; 322.6; 322.7; 322.8; 322.9; 323; 323.1; 323.2; 323.3; 323.4; 323.5; 323.6; 323.7; 323.8; 323.9; 324; 324.1; 324.2; 324.3; 324.4; 324.5; 324.6; 324.7; 324.8; 324.9; 325; 325.1; 325.2; 325.3; 325.4; 325.5; 325.6; 325.7; 325.8; 325.9; 326; 326.1; 326.2; 326.3; 326.4; 326.5; 326.6; 326.7; 326.8; 326.9; 327; 327.1; 327.2; 327.3; 327.4; 327.5; 327.6; 327.7; 327.8; 327.9; 328; 328.1; 328.2; 328.3; 328.4; 328.5; 328.6; 328.7; 328.8; 328.9; 329; 329.1; 329.2; 329.3; 329.4; 329.5; 329.6; 329.7; 329.8; 329.9; 330; 330.1; 330.2; 330.3; 330.4; 330.5; 330.6; 330.7; 330.8; 330.9; 331; 331.1; 331.2; 331.3; 331.4; 331.5; 331.6; 331.7; 331.8; 331.9; 332; 332.1; 332.2; 332.3; 332.4; 332.5; 332.6; 332.7; 332.8; 332.9; 333; 333.1; 333.2; 333.3; 333.4; 333.5; 333.6; 333.7; 333.8; 333.9; 334; 334.1; 334.2; 334.3; 334.4; 334.5; 334.6; 334.7; 334.8; 334.9; 335; 335.1; 335.2; 335.3; 335.4; 335.5; 335.6; 335.7; 335.8; 335.9; 336; 336.1; 336.2; 336.3; 336.4; 336.5; 336.6; 336.7; 336.8; 336.9; 337; 337.1; 337.2; 337.3; 337.4; 337.5; 337.6; 337.7; 337.8; 337.9; 338; 338.1; 338.2; 338.3; 338.4; 338.5; 338.6; 338.7; 338.8; 338.9; 339; 339.1; 339.2; 339.3; 339.4; 339.5; 339.6; 339.7; 339.8; 339.9; 340; 340.1; 340.2; 340.3; 340.4; 340.5; 340.6; 340.7; 340.8; 340.9; 341; 341.1; 341.2; 341.3; 341.4; 341.5; 341.6; 341.7; 341.8; 341.9; 342; 342.1; 342.2; 342.3; 342.4; 342.5; 342.6; 342.7; 342.8; 342.9; 343; 343.1; 343.2; 343.3; 343.4; 343.5; 343.6; 343.7; 343.8; 343.9; 344; 344.1; 344.2; 344.3; 344.4; 344.5; 344.6; 344.7; 344.8; 344.9; 345; 345.1; 345.2; 345.3; 345.4; 345.5; 345.6; 345.7; 345.8; 345.9; 346; 346.1; 346.2; 346.3; 346.4; 346.5; 346.6; 346.7; 346.8; 346.9; 347; 347.1; 347.2; 347.3; 347.4; 347.5; 347.6; 347.7; 347.8; 347.9; 348; 348.1; 348.2; 348.3; 348.4; 348.5; 348.6; 348.7; 348.8; 348.9; 349; 349.1; 349.2; 349.3; 349.4; 349.5; 349.6; 349.7; 349.8; 349.9; 350; 350.1; 350.2; 350.3; 350.4; 350.5; 350.6; 350.7; 350.8; 350.9; 351; 351.1; 351.2; 351.3; 351.4; 351.5; 351.6; 351.7; 351.8; 351.9; 352; 352.1; 352.2; 352.3; 352.4; 352.5; 352.6; 352.7; 352.8; 352.9; 353; 353.1; 353.2; 353.3; 353.4; 353.5; 353.6; 353.7; 353.8; 353.9; 354; 354.1; 354.2; 354.3; 354.4; 354.5; 354.6; 354.7; 354.8; 354.9; 355; 355.1; 355.2; 355.3; 355.4; 355.5; 355.6; 355.7; 355.8; 355.9; 356; 356.1; 356.2; 356.3; 356.4; 356.5; 356.6; 356.7; 356.8; 356.9; 357; 357.1; 357.2; 357.3; 357.4; 357.5; 357.6; 357.7; 357.8; 357.9; 358; 358.1; 358.2; 358.3; 358.4; 358.5; 358.6; 358.7; 358.8; 358.9; 359; 359.1; 359.2; 359.3; 359.4; 359.5; 359.6; 359.7; 359.8; 359.9; 360; 360.1; 360.2; 360.3; 360.4; 360.5; 360.6; 360.7; 360.8; 360.9; 361; 361.1; 361.2; 361.3; 361.4; 361.5; 361.6; 361.7; 361.8; 361.9; 362; 362.1; 362.2; 362.3; 362.4; 362.5; 362.6; 362.7; 362.8; 362.9; 363; 363.1; 363.2; 363.3; 363.4; 363.5; 363.6; 363.7; 363.8; 363.9; 364; 364.1; 364.2; 364.3; 364.4; 364.5; 364.6; 364.7; 364.8; 364.9; 365; 365.1; 365.2; 365.3; 365.4; 365.5; 365.6; 365.7; 365.8; 365.9; 366; 366.1; 366.2; 366.3; 366.4; 366.5; 366.6; 366.7; 366.8; 366.9; 367; 367.1; 367.2; 367.3; 367.4; 367.5; 367.6; 367.7; 367.8; 367.9; 368; 368.1; 368.2; 368.3; 368.4; 368.5; 368.6; 368.7; 368.8; 368.9; 369; 369.1; 369.2; 369.3; 369.4; 369.5; 369.6; 369.7; 369.8; 369.9; 370; 370.1; 370.2; 370.3; 370.4; 370.5; 370.6; 370.7; 370.8; 370.9; 371; 371.1; 371.2; 371.3; 371.4; 371.5; 371.6; 371.7; 371.8; 371.9; 372; 372.1; 372.2; 372.3; 372.4; 372.5; 372.6; 372.7; 372.8; 372.9; 373; 373.1; 373.2; 373.3; 373.4; 373.5; 373.6; 373.7; 373.8; 373.9; 374; 374.1; 374.2; 374.3; 374.4; 374.5; 374.6; 374.7; 374.8; 374.9; 375; 375.1; 375.2; 375.3; 375.4; 375.5; 375.6; 375.7; 375.8; 375.9; 376; 376.1; 376.2; 376.3; 376.4; 376.5; 376.6; 376.7; 376.8; 376.9; 377; 377.1; 377.2; 377.3; 377.4; 377.5; 377.6; 377.7; 377.8; 377.9; 378; 378.1; 378.2; 378.3; 378.4; 378.5; 378.6; 378.7; 378.8; 378.9; 379; 379.1; 379.2; 379.3; 379.4; 379.5; 379.6; 379.7; 379.8; 379.9; 380; 380.1; 380.2; 380.3; 380.4; 380.5; 380.6; 380.7; 380.8; 380.9; 381; 381.1; 381.2; 381.3; 381.4; 381.5; 381.6; 381.7; 381.8; 381.9; 382; 382.1; 382.2; 382.3; 382.4; 382.5; 382.6; 382.7; 382.8; 382.9; 383; 383.1; 383.2; 383.3; 383.4; 383.5; 383.6; 383.7; 383.8; 383.9; 384; 384.1; 384.2; 384.3; 384.4; 384.5; 384.6; 384.7; 384.8; 384.9; 385; 385.1; 385.2; 385.3; 385.4; 385.5; 385.6; 385.7; 385.8; 385.9; 386; 386.1; 386.2; 386.3; 386.4; 386.5; 386.6; 386.7; 386.8; 386.9; 387; 387.1; 387.2; 387.3; 387.4; 387.5; 387.6; 387.7; 387.8; 387.9; 388; 388.1; 388.2; 388.3; 388.4; 388.5; 388.6; 388.7; 388.8; 388.9; 389; 389.1; 389.2; 389.3; 389.4; 389.5; 389.6; 389.7; 389.8; 389.9; 390; 390.1; 390.2; 390.3; 390.4; 390.5; 390.6; 390.7; 390.8; 390.9; 391; 391.1; 391.2; 391.3; 391.4; 391.5; 391.6; 391.7; 391.8; 391.9; 392; 392.1; 392.2; 392.3; 392.4; 392.5; 392.6; 392.7; 392.8; 392.9; 393; 393.1; 393.2; 393.3; 393.4; 393.5; 393.6; 393.7; 393.8; 393.9; 394; 394.1; 394.2; 394.3; 394.4; 394.5; 394.6; 394.7; 394.8; 394.9; 395; 395.1; 395.2; 395.3; 395.4; 395.5; 395.6; 395.7; 395.8; 395.9; 396; 396.1; 396.2; 396.3; 396.4; 396.5; 396.6; 396.7; 396.8; 396.9; 397; 397.1; 397.2; 397.3; 397.4; 397.5; 397.6; 397.7; 397.8; 397.9; 398; 398.1; 398.2; 398.3; 398.4; 398.5; 398.6; 398.7; 398.8; 398.9; 399; 399.1; 399.2; 399.3; 399.4; 399.5; 399.6; 399.7; 399.8; 399.9; 400; 400.1; 400.2; 400.3; 400.4; 400.5; 400.6; 400.7; 400.8; 400.9; 401; 401.1; 401.2; 401.3; 401.4; 401.5; 401.6; 401.7; 401.8; 401.9; 402; 402.1; 402.2; 402.3; 402.4; 402.5; 402.6; 402.7; 402.8; 402.9; 403; 403.1; 403.2; 403.3; 403.4; 403.5; 403.6; 403.7; 403.8; 403.9; 404; 404.1; 404.2; 404.3; 404.4; 404.5; 404.6; 404.7; 404.8; 404.9; 405; 405.1; 405.2; 405.3; 405.4; 405.5; 405.6; 405.7; 405.8; 405.9; 406; 406.1; 406.2; 406.3; 406.4; 406.5; 406.6; 406.7; 406.8; 406.9; 407; 407.1; 407.2; 407.3; 407.4; 407.5; 407.6; 407.7; 407.8; 407.9; 408; 408.1; 408.2; 408.3; 408.4; 408.5; 408.6; 408.7; 408.8; 408.9; 409; 409.1; 409.2; 409.3; 409.4; 409.5; 409.6; 409.7; 409.8; 409.9; 410; 410.1; 410.2; 410.3; 410.4; 410.5; 410.6; 410.7; 410.8; 410.9; 411; 411.1; 411.2; 411.3; 411.4; 411.5; 411.6; 411.7; 411.8; 411.9; 412; 412.1; 412.2; 412.3; 412.4; 412.5; 412.6; 412.7; 412.8; 412.9; 413; 413.1; 413.2; 413.3; 413.4; 413.5; 413.6; 413.7; 413.8; 413.9; 414; 414.1; 414.2; 414.3; 414.4; 414.5; 414.6; 414.7; 414.8; 414.9; 415; 415.1; 415.2; 415.3; 415.4; 415.5; 415.6; 415.7; 415.8; 415.9; 416; 416.1; 416.2; 416.3; 416.4; 416.5; 416.6; 416.7; 416.8; 416.9; 417; 417.1; 417.2; 417.3; 417.4; 417.5; 417.6; 417.7; 417.8; 417.9; 418; 418.1; 418.2; 418.3; 418.4; 418.5; 418.6; 418.7; 418.8; 418.9; 419; 419.1; 419.2; 419.3; 419.4; 419.5; 419.6; 419.7; 419.8; 419.9; 420; 420.1; 420.2; 420.3; 420.4; 420.5; 420.6; 420.7; 420.8; 420.9; 421; 421.1; 421.2; 421.3; 421.4; 421.5; 421.6; 421.7; 421.8; 421.9; 422; 422.1; 422.2; 422.3; 422.4; 422.5; 422.6; 422.7; 422.8; 422.9; 423; 423.1; 423.2; 423.3; 423.4; 423.5; 423.6; 423.7; 423.8; 423.9; 424; 424.1; 424.2; 424.3; 424.4; 424.5; 424.6; 424.7; 424.8; 424.9; 425; 425.1; 425.2; 425.3; 425.4; 425.5; 425.6; 425.7; 425.8; 425.9; 426; 426.1; 426.2; 426.3; 426.4; 426.5; 426.6; 426.7; 426.8; 426.9; 427; 427.1; 427.2; 427.3; 427.4; 427.5; 427.6; 427.7; 427.8; 427.9; 428; 428.1; 428.2; 428.3; 428.4; 428.5; 428.6; 428.7; 428.8; 428.9; 429; 429.1; 429.2; 429.3; 429.4; 429.5; 429.6; 429.7; 429.8; 429.9; 430; 430.1; 430.2; 430.3; 430.4; 430.5; 430.6; 430.7; 430.8; 430.9; 431; 431.1; 431.2; 431.3; 431.4; 431.5; 431.6; 431.7; 431.8; 431.9; 432; 432.1; 432.2; 432.3; 432.4; 432.5; 432.6; 432.7; 432.8; 432.9; 433; 433.1; 433.2; 433.3; 433.4; 433.5; 433.6; 433.7; 433.8; 433.9; 434; 434.1; 434.2; 434.3; 434.4; 434.5; 434.6; 434.7; 434.8; 434.9; 435; 435.1; 435.2; 435.3; 435.4; 435.5; 435.6; 435.7; 435.8; 435.9; 436; 436.1; 436.2; 436.3; 436.4; 436.5; 436.6; 436.7; 436.8; 436.9; 437; 437.1; 437.2; 437.3; 437.4; 437.5; 437.6; 437.7; 437.8; 437.9; 438; 438.1; 438.2; 438.3; 438.4; 438.5; 438.6; 438.7; 438.8; 438.9; 439; 439.1; 439.2; 439.3; 439.4; 439.5; 439.6; 439.7; 439.8; 439.9; 440; 440.1; 440.2; 440.3; 440.4; 440.5; 440.6; 440.7; 440.8; 440.9; 441; 441.1; 441.2; 441.3; 441.4; 441.5; 441.6; 441.7; 441.8; 441.9; 442; 442.1; 442.2; 442.3; 442.4; 442.5; 442.6; 442.7; 442.8; 442.9; 443; 443.1; 443.2; 443.3; 443.4; 443.5; 443.6; 443.7; 443.8; 443.9; 444; 444.1; 444.2; 444.3; 444.4; 444.5; 444.6; 444.7; 444.8; 444.9; 445; 445.1; 445.2; 445.3; 445.4; 445.5; 445.6; 445.7; 445.8; 445.9; 446; 446.1; 446.2; 446.3; 446.4; 446.5; 446.6; 446.7; 446.8; 446.9; 447; 447.1; 447.2; 447.3; 447.4; 447.5; 447.6; 447.7; 447.8; 447.9; 448; 448.1; 448.2; 448.3; 448.4; 448.5; 448.6; 448.7; 448.8; 448.9; 449; 449.1; 449.2; 449.3; 449.4; 449.5; 449.6; 449.7; 449.8; 449.9; 450; 450.1; 450.2; 450.3; 450.4; 450.5; 450.6; 450.7; 450.8; 450.9; 451; 451.1; 451.2; 451.3; 451.4; 451.5; 451.6; 451.7; 451.8; 451.9; 452; 452.1;

(471.34) Korymbos Province
see under the following numbers: 34, 319, 42; 930, 30

(471.35) Pafos Province
see under the following numbers: 52; 547, 8; 571;
515, 8, 523, 2; 530, 20

(471.36) Kalamata Province
see under the following number: 581, 8

(471.37) Central Anatolian region
see under the following number: 551, 46

(471.316) Moscow City
see under the following numbers: 00, 07; 081; 94;
330, 01; 330, 03; 330, 04; 331, 8; 334, 1; 381;
381, 77; 373, 6; 378; 521, 313; 521, 81; 534, 8;
538, 7; 544, 1; 548, 2; 551, 9; 711, 4; 728; 830, 30

(471.311) Moscow Province
see under the following numbers: 300, 48; 331, 8;
381, 4; 541, 8; 541, 74; 551, 4; 551, 1; 554, 8;
558, 3; 558, 5; 558, 1; 561

(471.312) Tula Province
see under the following number: 381, 8

(471.313) Ryazan Province
see under the following numbers: 338, 2; 567

(471.314) Vladimir Province
see under the following numbers: 78, 03; 70

(471.318) Ivanovo Province
see under the following numbers: 338, 04; 370, 18;
581, 84

(471.316) Yaroslavl Province
see under the following numbers: 038; 339, 03;
524, 52; 530, 11; 581, 8

(471.317) Kostroma Province
see under the following number: 571

(471.318) Kaluga Province
see under the following numbers: 338, 04; 338, 1;
531, 1

(471.32) Central Black Earth region
see under the following numbers: 581, 48; 581, 8

(471.321) Orel Province
see under the following numbers: 338, 01; 531, 1;
564, 8, 574

(471.322) Lipetsk Province
see under the following numbers: 581, 8; 571; 53;
588

(471.324) Voronezh Province
see under the following numbers: 338, 2; 338, 2;
531, 57; 541, 48; 541, 48; 571; 531, 57; 534, 0;
584, 2

(471.326) Belgorod Province
see under the following numbers: 338, 47; 338, 1;
531, 1

(471.328) Tambov Province
see under the following number: 549

(471.323) Bryansk Province
see under the following numbers: 541, 48; 518, 8;
523, 5

(471.341) Orel Province
see under the following numbers: 53; 588; 588, 112;
511, 1; 554, 8; 75

(471.342) Kirov Province
see under the following numbers: 543, 4; 713, 4

(471.4) Central and Lower Volga region
see under the following numbers: 543, 8; 523, 2;
532, 9

(471.41) Tatar A. S. S. R.
see under the following numbers: 332; 338, 8; 541;
551, 49; 553, 6; 523, 2; 585, 8; 570

(471.42) Ulyanovsk Province
see under the following numbers: 02; 373, 8; 381;
581, 9; 524, 1

(471.43) Kuybyshev Province
see under the following numbers: 338, 01; 338, 04;
331, 531; 483; 521, 384; 523, 2; 523; 523, 1;
523, 0; 523, 2; 534, 0; 534, 1; 534, 08; 536, 3;
536, 4; 537, 1; 582, 3; 588

(471.44) Samara Province
see under the following numbers: 03; 523, 2;
523, 4; 536, 8; 713

(471.45) Volgograd Province
see under the following numbers: 338, 04; 338, 47;
370, 17; 541, 8; 541, 7; 523, 2; 524, 1; 521, 1;
521, 4; 534, 0; 536, 1; 536, 2; 581, 1; 574

(471.46) Astrakhan Province
see under the following numbers: 540, 8; 541, 8; 582;
583, 8; 518, 884; 554, 8; 738; 538, 30

(471.5) Ural region
see under the following numbers: 338, 0; 523; 581, 8;
582, 48; 581, 8; 541, 7; 543; 543, 8; 581, 1;
581, 8; 581, 8; 583, 4; 521, 781; 523, 2; 521, 82;
523, 1; 534, 0; 536, 0; 547

(471.51) Udmurt A. S. S. R.
see under the following number: 524, 8

(471.52) Bashkir A. S. S. R.
see under the following numbers: 541, 7; 543, 8;
541, 1; 541, 8; 538, 4; 521, 77; 523, 2; 523, 2;
521, 88; 523, 84; 523, 8; 534, 1; 580, 2; 713, 3

(471.53) Perm Province
see under the following numbers: 56; 503, 7; 541, 44;
541, 48; 543; 583; 521, 8; 541, 8; 543, 2; 581, 0;
587; 518, 8; 534, 8; 520, 1; 521, 4; 536, 8; 584, 3;
588, 2; 713; 743

(471.531) Kamal-Parvayevsk National Area
see under the following numbers: 515, 8; 534, 1;
533, 8

(471.54) Sverdlovsk Province
see under the following numbers: 338, 04; 338, 41;
541, 1; 543; 531; 528, 07; 528, 8; 528, 83; 524, 0;
528, 8; 528, 041; 574; 713; 713, 4

(471.55) Chelyabinsk Province
see under the following numbers: 338, 08; 588, 4;
523, 1; 534, 0; 588, 2; 547; 547, 884

(471.56) Orenburg Province
see under the following numbers: 338, 04; 541, 2; 551, 7;
584, 8

(471.5) Northern Caucasus
see under the following numbers: 338, 4; 540, 0; 543;
583, 8; 521, 74; 523, 8

(471.51) Rostov Province
see under the following numbers: 338, 01; 338, 04;
338, 1; 378, 17; 571; 538, 8; 584, 8; 7, 04;
538, 85; 530, 30

(471.52) Karachay-Tcherkes
see under the following numbers: 51; 02; 338, 01;
541, 3; 541, 8; 543; 553, 8; 571; 523, 2; 523, 2;
528, 0; 534, 158; 540, 8; 737; 530, 38

(471.53) Stavropol Territory
see under the following numbers: 338, 1; 541, 8;
543, 8; 543, 8; 523, 2; 530, 38

(471.531) Kalmyk A. S. S. R.
see under the following numbers: 338, 01; 374, 14¹

(471.532) Kabardian-Cherkess Autonomous Province
see under the following number: 730

(471.54) Kabardian-Balkar A. S. S. R.
see under the following numbers: 551, 48; 551, 8, 9¹

(471.55) North Ossetian A. S. S. R.
see under the following numbers: 550; 782

(471.56) Chechen-Ingush A. S. S. R.
see under the following numbers: 550, 8; 552, 8; 552, 8;
552, 3; 564, 8

(471.57) Dagestan A. S. S. R.
see under the following numbers: 370, 17; 373, 51; 4;
523, 5; 583, 8; 530, 2; 584, 8

(471.5) Sakha Republic
see under the following numbers: 338; 94

(471.5) Yakutia A. S. S. R.
see under the following numbers: 561; 339, 04;
562; 537; 564, 3; 562, 8; 578

(471.5) Leningrad A. S. S. R.
see under the following numbers: 561; 539, 01;
531, 311; 523, 2; 530, 8; 560, 1; 574; 577, 8;
58, 02; 704

(471.5) Lithuanian S. S. R.
see under the following numbers: 338, 03; 374, 57; 4;
530; 538, 088; 551; 577, 4; 578, 0; 581, 3; 511

(471.5) White Russian S. S. R.
see under the following numbers: 581; 333, 31;
338, 01; 338, 04; 338, 41; 338, 1; 338, 8; 338, 8;
343; 343; 36, 07; 373, 8; 374; 58; 584, 4;
541, 2; 541, 48; 541, 48; 541, 7; 523; 523; 533; 533;
571; 581; 581, 8; 514, 8; 585, 8; 581, 1; 541, 0;
581, 788; 581, 7; 523, 1; 523, 2; 523, 8; 512;
523, 0; 534, 0; 585, 8; 578, 8; 59; 711, 8; 721, 1;
530, 25; 530, 30; 540, 83; 547

(471.5) Ukrainian S. S. R.
see under the following numbers: 03; 04; 313;
338, 01; 338, 04; 338, 04; 338; 524, 1; 321, 7; 531, 8;
338, 081; 338, 41; 338, 43; 338, 47; 338, 1; 338, 5;
338, 03; 340, 80; 543; 547, 0; 347, 803; 351, 14;
361, 78; 361, 83; 541, 0; 588, 387; 571; 538, 17;
373, 0; 374; 338, 0; 503, 7; 523; 549; 528, 8;
541; 541, 8; 541, 48; 541, 8; 543; 553, 8; 574;
571; 584; 528, 0; 514; 588, 4; 510, 4; 588, 8; 517;
58; 580, 17; 521; 528, 00; 528, 318; 528, 388; 571, 2;
528, 73; 528, 74; 541, 77; 521, 80; 523; 523, 2;
524, 2; 527, 2; 527, 4; 528, 4; 521; 528, 1; 511, 2;
523; 543; 581, 0; 581; 588; 507; 543; 543, 2;
585, 2; 585, 8; 585, 7; 58; 582, 7; 584, 8; 544, 1;
580, 7; 577; 581, 1; 585; 528, 8; 59; 7, 0; 711, 2;
711, 4; 711, 8; 718; 718, 8; 713, 2; 78; 78, 8; 711;
728, 3; 728, 4; 728, 7; 728, 8; 720; 727, 4; 727, 8;
728; 78; 778, 8; 78; 781, 4; 782; 784;
830, 30; 847, 084

(471.5) Donetsk Basin
see under the following numbers: 540; 540, 24;
580, 8; 541, 2; 541, 8; 563; 521; 521, 311;
581, 791; 523; 523, 2; 523, 8; 523, 8; 524, 1;
583, 8; 588, 1; 711, 1

(471.5) Western Ukraine
see under the following numbers: 553; 369, 3;
340; 540, 8; 541, 2; 543; 523, 0; 518; 521, 30;
521, 387; 528, 0; 528, 2; 528, 1; 528, 3; 544, 1;
581, 8; 581, 8; 748; 78

(471.56) Transcarpathia
see under the following numbers: 514, 8; 518, 4;
524, 0

(471.5) Crimea
see under the following numbers: 540, 8; 541, 2;
541, 8; 541, 7; 543, 0; 541, 8; 518, 8; 518, 8;
524, 0; 530, 38; 530, 37; 547, 084

(478) Moldavia S. S. R.
see under the following numbers: 330.41; 330.42;
361.8; 362.9; 363; 324.1; 331.1; 337; 368.8;
36; 361.3; 330.30

(479) Caucasus and Transcaucasia
see under the following numbers: 360.8; 361.3;
361.3; 361.7; 363.9; 370.8; 393; 314.9;
324.0; 323.3

(479.23) Georgia S. S. R.
see under the following numbers: 361; 346.7;
361.4; 361.7; 361.8; 363; 361; 368; 374.8;
369; 331.701; 331.4; 334.4; 363.8; 799

(479.24) Abkhaz A. S. S. R.
see under the following numbers: 371; 312.1

(479.25) South Ossetia Autonomous Province
see under the following number: 330.23

(479.24) Armenia S. S. R.
see under the following numbers: 361; 337; 349;
363; 363.8; 370.8; 361.1; 363.2; 361.5; 364;
363; 364; 314.7; 314.4; 314.4; 314.4; 314.4; 314.4;
367; 360; 363.2; 363.3; 363.1; 363.3; 367; 363;
748; 330.34

(479.25) Moldavia A. S. S. R.
see under the following numbers: 314; 316.9

(479.25) Armenia S. S. R.
see under the following numbers: 361; 330.01;
361.81; 371.7; 363; 377.1; 363.2; 363.1;
363.8; 364; 314.7; 314.4; 314.4; 314.4; 314.4;
367; 360; 363.2; 363.3; 363.1; 363.3; 367; 363;
748; 330.34

(48) Scandinavia
see under the following numbers: 333; 338.4;
347.71; 338.12

(480) Finland
see under the following numbers: 331.351; 34; 347.8;
334.1; 34

(481) Norway
see under the following number: 330.30

(482) Sweden
see under the following numbers: 362; 330.3;
338.7; 330.113

(481.1) Iceland
see under the following number: 361.00

(483) Netherlands
see under the following numbers: 363; 331.6; 369;
316

(483) Belgium
see under the following number: 333

(484) Switzerland
see under the following numbers: 330.45; 333

(485) Greece
see under the following numbers: 312.3; 332.06;
336; 340.06; 34

(486) European communist countries as a group
see under the following numbers: 31; 311; 337;
360.06; 330.3; 331.3; 333; 336.4; 361.06;
36; 330; 34

(487.1) Yugoslavia
see under the following number: 31

(487.2) Bulgaria
see under the following numbers: 31; 34; 331.8;
330.44; 336; 336; 370.17; 363; 333.0; 373;
336.3; 336.3; 330.37

(488) Romania
see under the following numbers: 31; 332.16; 336;
303

(8) Asia
see under the following numbers: 31; 36; 332.2;
337; 330.41; 737

(31) China
see under the following numbers: 337; 332.06;
330.19; 363; 366; 34

(319.17) North Korea
see under the following numbers: 337; 332.06; 34

(319.2) Mongolian People's Republic
see under the following numbers: 368; 330.06; 369;
333.1

(32) Japan
see under the following numbers: 330.3; 331.001;
318.006; 334; 332.125; 364.9

(33) Yemen
see under the following number: 360

(338) Arab countries as a bloc
see under the following numbers: 337; 74

(340) India
see under the following numbers: 33; 330.3; 341.3;
369; 738

(340) Pakistan
see under the following numbers: 337; 341.2

(35) Iran
see under the following numbers: 337; 330.3; 332.2

(36) Near East
see under the following numbers: 33; 332.3; 337

(360) Turkey
see under the following numbers: 337; 332.4

(368.1) Syria
see under the following number: 336

(368.3) Lebanon
see under the following numbers: 333; 337

(368.4) Israel
see under the following numbers: 33; 366; 337;
344.01

(37) Alaska U. S. S. R.
see under the following numbers: 371; 377; 331.6;
331.701

(371) Alaska R. S. F. S. R.
see under the following numbers: 36.1; 366.04;
336; 364.3; 363.9; 41; 403; 360.8; 361.3;
361.3; 361.06; 361.8; 361.06; 361.7; 368; 363;
363.0; 361; 363; 371; 361.1; 361.8; 363;
361.3; 363; 363.4; 360.1; 361; 363; 712.3;
736; 347; 347.064

(371.12) Tyumen' Province
see under the following numbers: 331.06; 375;
331.11; 331.0; 332.3; 332.3; 336; 368.2;
711.4

(371.13) Omsk Province
see under the following numbers: 331.6; 331.364;
331.6; 338.7

(371.14) Novosibirsk Province
see under the following numbers: 361.81; 361.8;
331.36; 331.6; 736.3

(371.15) Altai Territory
see under the following numbers: 330.47; 332.1;
332.4; 361.7; 363; 33

(371.161) Gorno-Altai Autonomous Province
see under the following numbers: 361.7; 334.8

(371.17) Kemerovo Province
see under the following numbers: 361.7; 363

(371.51) Krasnoyarsk Territory
see under the following numbers: 370.17; 361.000;
361.7; 363; 331.311; 332.3; 334.2; 337.6; 310

(371.511) Tuva Republic
see under the following numbers: 361.3; 363

(371.53) Irkutsk Province
see under the following numbers: 361.7; 363; 371;
366; 332.2; 7.0

(371.54) Buryat A. S. S. R.
see under the following number: 330.04

(371.58) Chita Province
see under the following numbers: 371; 314.2; 332.2;
330.34

(371.60) Yakut A. S. S. R.
see under the following numbers: 361.7; 36; 362;
363; 377; 364; 366; 332.6

(371.6) Soviet Far East
see under the following numbers: 370.17; 367;
361.2; 361.6; 361.6; 332.4; 334.0

(371.62) Khabarovsk Territory
see under the following numbers: 361.7; 367; 711.4

(371.63) Maritime Territory
see under the following numbers: 332.8; 361.7; 361;
363.3; 367

(371.64) Sakhalin Province
see under the following numbers: 369; 361.3;
361.7; 363.0; 361.311; 336.3; 366.8

(371.68) Magadan Province
see under the following numbers: 361.3; 363; 331.4;
334.0; 36.06

(371.681) Chukotka National Area
see under the following numbers: 32; 368; 346

(371.68) Kamchatka Province
see under the following numbers: 361.3; 361.40;
363; 367

(374) Kamish S. S. R.
see under the following numbers: 30.07; 318; 330.47;
330.1; 370.17; 340; 360.8; 361.3; 361.40;
361.7; 363; 363; 363.9; 370.8; 369; 31; 312.3;
318.1; 312.6; 318.008; 318.1; 312.3; 318.3;
318; 331.6; 332.3; 332.3; 332.4; 337.8; 331.1;
331.3; 331.4; 331.33; 333; 332.3; 334.0; 337;
369.4; 360.8; 360.3; 36; 711.3; 347

(375) Central Asia
see under the following numbers: 312; 360.08; 331;
332.1; 361.2; 361.7; 363; 371; 363.2; 336.4;
364; 367; 331.4; 711.4; 311; 313; 360.36;
34; 347

(376.1) Uzbek S. S. R.
see under the following numbers: 312; 330.01;
332.1; 37; 372.4; 340; 361.3; 361.4; 361.8;
361.7; 363.0; 370.1; 370.8; 361.3; 360.3;
332.3; 332.3; 332.6; 332.8; 332.8; 332.8;
332.8; 334.1; 377; 36.08; 711.4; 737; 361;
373; 330.36; 347

(376.172) Karakalpak A. S. S. R.
see under the following numbers: 361.7; 378.6;
361.8; 366

(678.2) Kingdom S. S. R.
see under the following numbers: 312; 313; 362.1;
362.4; 371.7; 373; 377.1; 377.4; 381; 312;
312.1; 312.4; 312.8; 313.1; 314; 318.7; 318.001;
318.002; 318.07; 318.1; 318.4; 318.8; 318.7;
318.9; 317.3; 332.88; 333.8; 337.3; 377

(678.3) Tajik S. S. R.
see under the following numbers: 41; 361.48;
361.8; 363; 366; 363.2; 367.1; 368.4; 361.8;
361.6; 364; 361

(678.4) Turkmen S. S. R.
see under the following numbers: 361; 347;
347.304; 361.74; 362; 364; 361.2; 362.46;
361.7; 363.9; 362.2; 362.3; 362.8; 367.1;
363.6; 377; 367; 360.28; 368.83; 347;
347.084

(681) Afghanistan
see under the following numbers: 361.7; 367.6

(681) Burma
see under the following numbers: 308; 323.2; 330.18;
334; 336; 373; 314; 333.9

(686) Cambodia
see under the following number: 363

(687) Vietnam
see under the following numbers: 32; 363

(687.1) South Vietnam
see under the following numbers: 323.2; 327;
36.96

(687.7) North Vietnam
see under the following number: 327

(688) Laos
see under the following numbers: 323; 323.2

(8) Africa
see under the following numbers: 31; 31; 313.3; 313.5;
311; 336.46; 336; 361.8

(612) Libya
see under the following number: 308

(62) Northeast Africa, Egypt and Sudan
see under the following numbers: 323; 334; 337; 338;
337.8; 73

(63) Ethiopia
see under the following numbers: 34; 25; 37

(64) Morocco and Northwest African territories
see under the following number: 341.2

(65) Algeria
see under the following numbers: 330.2; 334

(66) West and North Central Africa
see under the following numbers: 323; 323.2; 334;
338; 306; 361.2; 343.9; 342.4; 34

(67) Eastern, South Central and East Africa
see under the following numbers: 336.1; 36.06;
362

(68) Southern Africa (including Rhodesia)
see under the following numbers: 36.1; 323.1;
334; 337; 342.7

(71) Canada
see under the following numbers: 337; 330.18; 331;
338; 323.8

(72) Mexico
see under the following numbers: 331.1; 331.63

(73) Central America
see under the following number: 361.8

(78) Arctic and North Polar regions
see under the following number: 361.8

(78) West Indies
see under the following number: 331.8

(780.1) Cuba
see under the following numbers: 189.9; 306; 336;
34

(73) United States of America
see under the following numbers: 303; 34; 36;
300.1; 300.82; 308; 31; 323; 337; 339.4;
330.1; 330.2; 331.62; 336.46; 338; 338.8;
338.07; 330; 34; 343; 347.9; 36.06; 366.08;
365.4; 366.40; 368.7; 368.8; 368.3; 368; 688;
331.1; 331.31; 331.36; 331.9; 332.2; 332.12;
338.10; 338.2; 368.7; 364.9; 377; 361.1; 341;
34

(8) South America
see under the following numbers: 323; 323.33;
334; 330.08; 330.10; 330.2; 331.8; 378;
34

(83) Chile
see under the following numbers: 334; 331

(87) Venezuela
see under the following number: 324;

(9) Oceania
see under the following numbers: 338; 318; 330;
34

(910) Indonesia
see under the following numbers: 323; 343

(914) Philippines (Republic)
see under the following numbers: 323; 343.2; 36.08

(93) Australia generally. Malacania
see under the following numbers: 306; 336.1; 37;
36; 306

(94) Australia (Commonwealth)
see under the following numbers: 330.2; 367

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress.

IN ENGLISH

1. GENERAL

FIFTY YEARS OF SOVIET ORIENTAL STUDIES: BRIEF
REVIEWS, 1917-1967. [Editors: B. G. Gafurov and
Y. V. Gusevskiy] Moscow, "Nauka" Pub. House,
Central Dept. of Oriental Literature, 1968. 27 pam-
phlets in 1 v. 22 cm.
DS32.5.F5 70-1042

2. BIBLIOGRAPHY

MAGNER, THOMAS F.
Soviet dissertations for advanced degrees in
Russian literature and Slavic linguistics, 1934-1963,
compiled by Thomas F. Magner. University Park,
Dept. of Slavic Languages, Pennsylvania State
University, 1966. 111, 100 p. 28 cm.
SL604.A3M3 68-56174

SMITH, RUDOLF, 1907-
Half a century of Soviet serials, 1917-1963; a
bibliography and union list of serials published in the
USSR, compiled by Rudolf Smith, Reference Dept.
Washington, Library of Congress [for sale by the
Dept. of Docs., U. S. Govt. Print. Off.] 1968. 2 v.
(iv, 1681 p.) 26 cm.
DS604.R5M3 68-52100

3. PHILOSOPHY & RELIGION

TOLSTOY, LEV NIKOLAEVICH, 1828-1910.
The wisdom of Tolstoy. New York, Philosophical
Library [distributed by Book Sales, Inc., 1968].
124 p. 12 cm. Translation of V. G. G. G. G. G.
BR144.T713 68-50153

WORMBRAND, RICHARD.
The Soviet state. London, Hodder & Stoughton,
1964. 100 p. 18 cm.
BR934.W5 70-355973

4. HISTORY

ADVANCE ALONG THE ROAD OPENED UP BY THE
OCTOBER SOCIALIST REVOLUTION: IN COMMEMO-
RATION OF THE 50TH ANNIVERSARY OF THE GREAT
OCTOBER SOCIALIST REVOLUTION. Peking, Foreign
Languages Press, 1967. 27 p. 16 cm.
D184.5.A3 77-1490

COOPER, LEONARD.
Many roads to Moscow: three historic invasions.
[1st American ed.] New York, Coward-McCann [1964].
140 p. 22 cm.
DK61.Y.C5 1965b 68-33373

INTERNATIONAL CONFERENCE ON WORLD POLITICS,
8th, Berke, 1967.
The Soviet Union: a half-century of Communism;
[papers] Edited by Kurt London. Baltimore, Johns
Hopkins Press [1968] xiv, 493 p. 20 cm.
DK608.L59 1967iab 70-3634

JONES, MICHAEL, 1930-
Arakcheev: grand vizier of the Russian Empire,
a biography. New York, Dial Press, 1968. 317 p.
24 cm.
DK60.6.A3J4 68-26342

RICHARDSON, WILLIAM, 1743-1814.
Anecdotes of the Russian Empire is a series of
letters written, a few years ago, from St. Petersburg.
1st ed., new impression. London, Cass, 1968. [4],
111-xvi, 478 p. 22 cm. (Russia through European
eyes, no. 8)
DK62.R5 1784a 77-606729

ROBY, THOMAS HENRY RICHARD.
The Stalin dictatorship, Khrushchev's 'secret speech'
and other documents, edited, with introduction and
annotations by T. H. Roby. [Sydney] Sydney University
Press [University Park, Pennsylvania State University
Press, New Zealand. Price Milburn, London, Methuen,
1968] 123 p. 19 cm.
DK601.R5R3 68-21028

SPECTOR, IVAR, 1904-
An introduction to Russian history and culture.
2d ed. Princeton, N. J., Van Nostrand [1968] xix,
511 p. 22 cm.
DK41.S53 1968 68-11742

STACEY, FRANCIS WILLIAM, 1923-
Lenin and the Russian Revolution [by] F. W. Stacey.
London, Edward Arnold, 1964. 63 p. 22 cm.
DK624.A1S7 77-106714

UNTERBERGER, BETTY MILLER, comp.
American intervention in the Russian Civil War.
Lexington, Mass., Heath [1968] xii, 113 p. 24 cm.
DK606.U5U5 68-14132

UNTERBERGER, BETTY MILLER.
America's Siberian expedition, 1918-1920; a study
of national policy. New York, Greenwood Press
[1968, 1968] 271 p. 24 cm.
DK604.U5U5 1968 68-14132

WALLENBERG, KENNEDY, 1940-1932.
Peter the Great. Translated from the French by
Lady Mary Lloyd. [2d ed.] New York, Greenwood
Press [1968] x, 262 p. 22 cm.
DK61.W175 1968 68-14132

5. SOCIAL SCIENCES

DAVIS, JEROME, 1881-
The Russian immigrant. New York, Arno Press,
1960. xv, 228 p. 21 cm.
E184.R5D3 1960 68-10770

FARLEY, JOHN A. 1923- comp.
A nation view of Russia [by] John A. Farley. [1st
ed.] New York, Vantage Press [1968] [86] p. 26 cm.
DK674.F3 70-1022

GALLIX, DANIEL.
The Soviet financial system: structure, operation,
and statistics, by Daniel Gallix, Central Finance, and
Stephen Rappaport. [Washington] U. S. Dept. of Commerce,
Bureau of the Census [for sale by the Dept. of Docs.,
U. S. Govt. Print. Off., 1968] xi, 418 p. 26 cm. (U. S.
Bureau of the Census. International population statistics
reports. Series P-90, no. 23)
HA184.A3 no. 23 A 68-7506

GOODMAN, ANN E.
Education and projections of educational attainment
in the U. S. R. 1960-1980, by Ann E. Goodman and
Murray Feshbach. [Washington] U. S. Dept. of Com-
merce, Bureau of the Census [1967] 111, 53 p. 26 cm.
(U. S. Bureau of the Census. International population
reports. Series P-90, no. 16)
HA184.A3 no. 16 A 67-7546

GRAT BRITAIN-UBER ASSOCIATION.
The Great Britain-U. S. R. handbook edited by
Gerald Bailey. London, Great Britain-UBER Associa-
tion, 1968. 12, 196 p. 18 cm.
DA47.G8.G75 77-363884

KOMMUNISTICHESKAYA PARTIYA SOVIETSKOGO SOYUZA.
Fiftieth anniversary of the great October Socialist
revolution: theses of the Central Committee of the
CPSU. Moscow, Mirovaya Press Agency Pub. House
[1967] 63 p. 26 cm.
BC636.K753 1967 70-306219

SORLIN, PIERRE.
The Soviet people and their society, from 1917 to
the present. Translated by Daniel Weissert. New York
Praeger [1969, 1968] x, 263 p. 21 cm. Translation
of La Russie sovietique, 1917-1967.
BX622.S543 68-2130

TROTSKY, LEV, 1879-1940.
Their morals and ours; [and], The moralists and
sympathists against Marxism, by Leon Trotsky.
London, New Park Publications, 1968. 63 p. 19 cm.
HX214.T75 1968 77-376050

VLADIMIROV, LEONID, 1924-
The Russians. London, Pall Mall P., 1968.
vi, 240 p. 22 cm.
DK674.V56 1968b 74-368733

6. POLITICAL SCIENCE

CATTELL, DAVID TREDWELL, 1923-
Leningrad: a case study of Soviet urban government
[by] David T. Cattell. New York, Praeger [1968].
xiv, 171 p. 24 cm. (The International urban studies
of the Institute of Public Administration, no. 6)
J8603.C37 68-23380

THE USSR IN TODAY'S WORLD. Edited by Fawcett Justin
Vigor. Memphis, Memphis State University Press,
1968. xi, 73 p. 21 cm.
DK674.U56 68-17046

WYNNIE, GREVILLE M. 1919-
The exile from Moscow: the story of Wynne and
Paskovsky [by] Greville Wynne. London, Arrow
Books, 1966. 282 p. 16 cm.
HV783.W5 1966b 70-271215

YAKOVSON, SERGIUS, 1901-
Aspects of totalitarianism: formed and dissolved in
the Soviet Union [by] Sergius Yakovson and Robert V.
Allen] Prepared at the request of Senator Thomas J.
Dodd for the Subcommittee to Investigate the Adminis-
tration of the Internal Security Act and Other Internal
Security Laws of the Committee on the Judiciary,
United States Senate. Washington, U. S. Govt. Print.
Off., 1968. v, 21 p. 24 cm.
DK675.Y23 68-43043

7. LAW

BEHMAN, HAROLD JOSEPH, 1911- comp.
Basic laws on the structure of the Soviet State.
Translated and edited by Harold J. Behman and
John B. Quigley, Jr. Cambridge, Mass., Harvard
University Press, 1968. xviii, 228 p. 24 cm.
Law 68-10000

8. MUSIC, THEATER & MOTION PICTURES

ABRAHAM, GERALD HERBERT REAL, 1904- comp.
The music of Tchaikovsky. Edited by Gerald Abraham.
Port Washington, N. Y., Kennikat Press [1969, 1968].
277 p. 22 cm.
ML410.C4A5 1969 68-52127

CHEKHOV, ANTON PAVLOVICH, 1860-1904.
Plays [by] Anton Chekhov; translated with an
introduction by Elizabeth Foa. Harmondsworth,
Penguin, 1964. 453 p. 19 cm.
PG3468.A19743 72-306747

SHNEIDER, IL'YA IL'YICH.
Isadora Duncan: the Russian years, by Il'ya
Il'yich Shneider; translated [from the Russian] by
David Margulies. London, Macdonald & Co., 1968.
221 p. 22 cm.
GV1786.D5963 72-37181

STANISLAVSKI, KONSTANTIN SERGEEVICH, 1863-1938.
Creating a role [by] Konstantin Stanislavski; trans-
lated [from the Russian manuscripts] by Elizabeth
Reynolds Hapgood. London, New English Library,
1964. 230 p. 18 cm.
PN7061.S714 1964 70-349413

YOUNG, PERCY MARSHALL, 1913-
Tchaikovsky [by] Percy M. Young; [illustrated by
Robert Whitley Smith] London, Benn; New York,
D. White, 1960. 78 p.
ML410.C4Y7 68-9037

11. LANGUAGE, LITERATURE & FOLKLORE

ASQUITH, LADY CYNTHIA MARY EVELYN (CHARTERS), 1887-1960.
Married to Tolstoy. New York, Greenwood Press [1969] 1968 p. 23 cm.
PG3482.A5 1968 08-13803

BABU, MYCHAJLO.
Turns Chernobyl's heritage and our action for his slump. [Chernobyl? 1986] 240 p. 23 cm.
PG3482.B519 1986 74-30281

BLOK, ALEXANDER ALEXANDROVICH, 1880-1932.
Blok's "Twelve"; translated by Robin Falick.
Preston, Alaska Publications, 1968. [2], 14 p. 23 cm.
Translation of "Dvynadtsat'".
PG3482.B5619 1968 73-552844

BORRAS, F. M.
Mauds Gorky and Lay Tolstoy, an inaugural lecture by F. M. Borras. Leeds, Leeds U.P., 1966. [2], 10 p. 23 cm.
PG3482.B57 1966 71-371417

BY THE LIGHT OF DAY; STORIES BY SOVIET WRITERS.
[Translated from the Russian. Edited by Feliks Olegovich.] Moscow, Progress Publishers [1966] 1965 p. 17 cm. Translation of "Pri svetle dnia".
PG3482.B57 1965 73-37884

CHERKOV, ANTON PAVLOVICH, 1880-1904.
The three sisters [by] Anton Cherkov. English translation and notes by Randall Jurell. [New York] Macmillan [1966] 1965 p. 23 cm.
PG3482.C57 1965 68-10784

DOMEROVICH, IURI OSEPOVICH.
The keeper of antiquities, a novel [by] Yuri Domerov. Translated from the Russian by Michael Glenny. [1st ed.] New York, Macmillan [1966] 1965 p. 23 cm.
PG3482.D57 1965 68-10784

HARPER, KENNETH EUGENE, 1918-
Some combinatorial properties of Russian nouns [by] Kenneth E. Harper. Santa Monica, Calif., Rand Corp., 1966. ix, 46 p. 23 cm. (Rand Corporation. Memorandum RMD-6077-PF)
QA44.A1R36 no. 1977 71-1704

LAVREN, JANKO, 1887-
Dostoevsky, a study. New York, Russell & Russell [1969, 1967] 1968 p. 30 cm.
PG3482.L313 1968 68-27088

LAVREN, JANKO, 1887-
Goncharov. New York, Russell & Russell [1969] 1968 p. 23 cm.
PG3482.L313 1968 68-27070

LAVREN, JANKO, 1887-
Pushkin and Russian literature. New York, Russell & Russell [1969] 1968 p. 30 cm.
PG3482.L313 1968 68-27072

LAVREN, JANKO, 1887-
Tolstoy, an approach. New York, Russell & Russell [1969, 1968] 1968 p. 23 cm.
PG3482.L313 1968 68-27071

WILSON, MILLS AKE.
Studies in Chekhov's narrative technique. "The steps" and "The Bishop." Stockholm, Universitets- och Universitetsbibliotek, 1968. [2], 11 p. 23 cm. (Acta Universitatis Stockholmensis. Stockholms Slaviska studier, 8)
PG3482.W519 1968 74-315036

PROPP, VLADIMIR IAKOVLEVICH.
Morphology of the folktale, by V. Propp. Translated by Lawrence Scott [and] with an introd. by Vladimir Propp-Jakobson. 2d ed., rev. and edited with a pref. by Louis A. Wagner [and a] new introd. by Alan Dundes. Austin, University of Texas Press [1968] 1968 p. 24 cm. (Publications of the American Folklore Society. Bibliographical & special series, v. 6) Translation of "Morfologiya skazki".
GR580.P7613 1968 68-55557

REKAVIN, GEORGI, 1907- ed.
The new Russian poets, 1923-1968: an anthology selected, edited and translated by Georgia Rekav. Edinburgh, London, Calder & Boyars, 1968. xxvii, 292 p. 23 cm.
PG3482.R514 1968 73-367813

SOLZHENITSYN, ALEXANDER ISAYEVICH, 1918-
Cancer ward [by] Alexander Solzhenitsyn. Translated from the Russian by Nicholas Bethell and David Burg. New York, Farrar, Straus and Giroux [1968] 1967 p. 23 cm. Translation of "Kankernykh koryt".
PZ4.S519 1968 68-1081

SOLZHENITSYN, ALEXANDER ISAYEVICH, 1918-
The first circle [by] Alexander Solzhenitsyn. Translated from the Russian by Michael Oryton. London, Collins; Harvill P., 1968. [1], 342 p. 23 cm.
PZ4.S519 1968 70-367714

SURKHOVO-KOBYLIN, ALEXANDER VASIL'EVICH, 1817-1901.
The trilogy of Alexander Surkhovo-Kobylin. Translated and with an introd. by Harold B. Segal. [1st ed.] New York, Dutton, 1968. xix, 264 p. 23 cm.
PG3482.S8773 1968 68-14863

12. GEOGRAPHY & GEOLOGY

KIRKUP, JAMES, 1918-
One man's Russia. London, Phoenix House, 1962. xii, 161 p. 23 cm.
DK334.K34 1962 70-362875

THE SOVIET UNION: THE FIFTY YEARS. Edited, with a new introd. by Harrison E. Salisbury. [New York] New American Library [1964] 1964 p. 13 cm.
DK568.S573 1964 74-1023

13. SCIENCE

ABRAMOVICH, GIORGIY MAUMOVICH.
Turbulent jets of air, plasma, and real gas. Edited by G. M. Abramovich. Translated from Russian. New York, Consultants Bureau, 1968. vii, 144 p. 27 cm. Translation of "Izucheniye turbulentnykh stromykh potokov".
QA474.A1R36 1968 68-13208

AKADEMIYA NAUK SSSR. Fizicheskii Institut.
Physical optics. Edited by D. V. Belovol'skiy. Translated from Russian. New York, Consultants Bureau, 1968. ix, 376 p. 23 cm. (Proceedings (Trudy) of the P. M. Lazarev Physics Institute, v. 39).
QC1.A414 vol. 39 68-14748

ALEXAKHIN, RUDOL'F MICHAYLOVICH.
Radioactive contamination of soil and plants (Radioaktivnoye zapryazheniye pochvy i rasteniy) [by] R. M. Alexakhin. Translated from Russian [by] M. Kiser and others. Edited by S. Alexander. Jerusalem, Israel Program for Scientific Translations, [available from U.S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1968. iv, 194 p. 23 cm.
Q575.A563 1968 68-28460

BAKAKIN, V. P.
Principles of geocryology (permafrost studies). Part 1. Engineering geocryology. Chapter V. Principal methods of moisture-thermal investigations of the ground over large areas, p. 118-129, by V. P. Bakakin and G. V. Fokhtsev. From Academy of Sciences of the U.S.S.R. V. A. Obruchev Institute of Permafrost Studies, Moscow, 1968. Translated by V. Poppe. Ottawa, 1968. 27 l. 23 cm. (National Research Council, Canada. Technical translation TT-1240) Translation of the Institute's "Geocryology".
TJ7.N195 no. TT-1240 73-363023

BEALYTSKIY-BIRULIA, ALEXSEI ANDREEVICH, 1804-1838.
Geopneuma (Geopneuma) No. 1 [by] A. A. Bealytskiy-Birulya. Translated from Russian [by] B. M. Mikhlin. Jerusalem, Israel Program for Scientific Translations, [available from the Office of Technical Services, U.S. Dept. of Commerce, Washington] 1968. xix, 144 p. 23 cm.
QA448.B51963 70-00066

BOUNDARY VALUE PROBLEMS OF MATHEMATICAL PHYSICS AND RELATED ASPECTS OF FUNCTION THEORY. Edited by V. P. Il'in. Translated from Russian. New York, Consultants Bureau, 1968. v. 1. 34 cm. (Boundaries in mathematics, v. 6) Translation of "Granichnye zadachi matematicheskoy fiziki i svyaznyye s nimi zadachi funktsionnogo analiza".
QA448.B51963 68-18008

BUDNIKOV, PETER PETROVICH, 1886-
Principles of solid state chemistry: relations to solids, by P. P. Budnikov and A. M. Ginzburg. Translated from the Russian and edited by Kenneth May. Croydon, MacKenzie, 1968. ix, 464 p. 23 cm. Translation of "Principy tverdogo tela i svyaznyye s nimi zadachi khimii".
QD48.B51963 73-363023

BURAGO, IL. D.
Potential theory and function theory for irregular regions [by] Il. D. Burago and V. G. Maz'ya. New York, Consultants Bureau, 1968. vii, 64 p. 23 cm. (Seminars in the foundations, v. 5) Translation of "Potentsialnaya i funktsionnaya teoriya dlya nepryamougol'nykh oblastey".
QA448.B51963 68-18004

CHALYI, A. T.
Descriptive geometry [by] A. T. Chalyi. [Translated from the Russian by A. B. Tokorukhina and Th. Bolling] 2d ed. Moscow, Higher School Publishing House, 1968. 306, [1] p. 23 cm. Translation of "Kurye matematicheskoye opredeleniye".
QA448.C573 1968 70-362888

FAIZULLAEV, DZHARULLA FAIZULLAEVICH.
Laminar motion of multiphase media in conduits [by] Dzh. Faizullayev. Translated from Russian. New York, Consultants Bureau, 1968. vi, 144 p. 23 cm. Translation of "Laminarnye dvizheniya mnogofaznykh sred v truboprovodakh".
QA448.F3413 1968 68-12821

FRENCHENKO, STEPAN FEDOROVICH.
Asymptotic methods in the theory of linear differential equations, by S. F. Frenchenko, N. I. Zhukil', and L. D. Nizhnik. [Washington] National Aeronautics and Space Administration; for sale by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. [1967] iv, 208 p. 27 cm. (NASA technical translation, NASA TT F-658) Translation of "Asimptoticheskiye metody v teorii lineynykh differentsial'nykh uravneniy".
T1207.F743 no. 458 67-01920

FORTUNATOW, E.
Soviet radiology [by] E. Fortunatow. [Washington] Aerospace Technology Division, Library of Congress, 1968. iii, 98 l. 27 cm. (ATD report 68-104-304-87. 2062, 23, 23 no. 68-104-304-87)
QA448.F3413 1968 68-08403

KHACHIN, ALEXANDER IAKOVLEVICH.
The teaching of mathematics: essays, by A. Ya. Khachin, edited by B. V. Gnedko; translated from the Russian by W. Cochran and D. Vere-Jones; supplementary material by B. V. Gnedko, A. I. Markovskiy and D. Vere-Jones. London, English Universities P., 1968. xx, 160 p. 23 cm.
QA1.K5 1968 70-344484

KRIVOCILAS, MIKHAIL ALEXANDROVICH.
Theory of X-ray and thermal-neutron scattering by real crystals [by] Mikhail A. Krivocilas. Translation edited and with a foreword by Simon C. Moss. New York, Plenum Press, 1968. xix, 408 p. 24 cm. Translation of "Teoriya razresheniya rentgenovskikh i teplovnykh neytronov na kristallakh".
QA474.K743 1968 68-20778

LADYKHENKO, OL'GA ALEXANDROVNA.
Linear and quasi-linear equations of parabolic type, by O. A. Ladyshenskaya, V. A. Solonnikov, [and] M. M. Ural'sova. [Translated from Russian by S. G. Gikhalo.] Providence, American Mathematical Society, 1968. xi, 648 p. 24 cm. (Translations of mathematical monographs, v. 33) Translation of "Lineynyye i kvazi-lineynyye uravneniya paraboličeskogo tipa".
QA474.L313 1968 68-10440

LANDAU, LEV DAVIDOVICH, 1908-
Statistical physics, by L. D. Landau and E. M. Lifshits. Translated from the Russian by J. B. Sykes and M. J. Kearsley. 2d rev. and ed. ed. Oxford, New York, Pergamon Press [1968] xii, 484 p. 23 cm. (Course of theoretical physics, by L. D. Landau and E. M. Lifshits, v. 5) Translation of "Statisticheskaya fizika".
QA474.L313 1968 68-18128

LYALIKOV, IL. E.
Physicochemical analysis [by] Ya. Lyalikov. Translated from the Russian by David Solovov. [Rev. from the 1964 Russian ed.] Moscow, Mir Publishers, 1968. 648 p. 23 cm. Translation of "Fiziko-khimicheskiy analiz".
QA474.L313 1968 73-367748

LYKOV, ALEXSEI VASIL'EVICH, 1810-
Analytical heat diffusion theory [by] A. V. Lykov. Edited by James P. Hartnett. New York, Academic Press, 1968. xv, 638 p. 24 cm. Translation of "Teoriya teploprovodnosti".
QA474.L313 1968 67-32857

MODAL, ARKADII BERNARDOVICH, 1821-
Approximation methods in quantum mechanics [by] A. B. Modal and V. Krainov. Translated by Anthony J. Leggett. New York, W. A. Benjamin, 1968. xi, 140 p. 24 cm. Translation of "Priblizhennyye metody kvantovoy mekhaniki".
QA474.L313 1968 68-12808

MORSEV, MIKHAIL MIKHAYLOVICH.
Dynamic stability of bodies containing fluid [by] M. M. Morseyev and V. V. Rumyantsev. Edited by N. H. Abramson. Translated by George Technos. [New York] Springer-Verlag New York, 1968. xv, 244 p. 24 cm. (Applied physics and engineering, v. 6) Translation of "Dinamicheskaya stabilnost' tverdogo tela s zhidkostyami".
QA474.L313 1968 68-12808

OPARIN, ALEXANDER IVANOVICH, 1894-
Genesis and evolutionary development of life [by]
A. I. Oparin. Translated from the Russian by Eleanor
Mason. New York, Academic Press, 1968. vii, 303 p.
24 cm. Translation of *Vozniknoveniye i razvitiye zhizni*.
Revised edition.
QZ32.0572 69-12378

OPARIN, ALEXANDER IVANOVICH, 1894-
The origin and initial development of life, by
A. I. Oparin. [Washington] National Aeronautics and
Space Administration; for sale by the Clearinghouse
for Federal Scientific and Technical Information,
Springfield, Va. [1968] iii, 158 p. 27 cm. (NASA
technical translation, NASA TT F-483). Translation
of *Vozniknoveniye i razvitiye zhizni*.
TT-507, DT-48 no. 483 65-6780

PORTNAYEV, G. V.
Principles of geocryology (permafrost studies).
Part 2. Engineering geocryology. Chapter IV. Thermal
physical principles of controlling the interaction
between structures and frozen soils, p. 80-117, by
G. V. Portnayev. From Academy of Sciences of the
U.S.S.R. V. A. Obratkov Institute of Permafrost
Studies, Moscow, 1969. Translated by G. Belkov.
Ottawa, 1969. 53 l. 24 cm. (National Research
Council, Canada. Technical translation TT-1346)
Translation of pt. 2, chapter 4 of the Institute's
Summary geocryology.
T-17, N63 no. 77-1346 71-34764

RUBIN, NIKOLAI PAVLOVICH
Man versus climate [by] N. Rubin [and] L. Filt.
Translated from the Russian by Dorcas Hollenberg.
Moscow, Peace Publishers [1968?] 174 p. 17 cm.
Translation of *Chelovek i klima*.
Q93M.R63 70-3698

SECHENOV, IVAN MIKHAILOVICH, 1829-1905.
Selected works. [By] I. Sechenov. Amsterdam,
E. J. Bonnel, 1968. xxvii, 486 p. 23 cm.
QP6.S6 1968. 70-343636

TEFTOVICH, MIKHAIL ALEXANDROVICH.
Principles of geocryology (permafrost studies).
Part 2. Engineering geocryology. Chapter III. Basic
mechanics of freezing, thawing and bearing soils,
p. 28-79, by M. A. Teftovich et al. From Academy of
Sciences of the U.S.S.R. V. A. Obratkov Institute of
Permafrost Studies, Moscow, 1969. Translated by
V. Popov. Ottawa, 1969. 67 l. 24 cm. (National
Research Council, Canada. Technical translation
TT-1346) Translation of pt. 2, chapter 4 of the Institute's
Summary geocryology.
T-17, N63 no. 77-1346 74-34763

KELDOVICH, IAKOV BORISOVICH.
Elements of geyserology and the classical theory
of shock waves, by Ya. B. Keldovich and Ya. B. Raiser.
Edited by Wallace D. Hayes and Harold P. Probstein.
[Translated by Boris Tezhnin, fac. 1st ed. ed.]
New York, Academic Press [1968] viii, 116 p. 24 cm.
Translation of *Elementy geysirologii i klassicheskaya
teoriya udarnykh voln*. Chapter 1 of the authors' *Plasma
udarnykh voln i vysokotemperaturnyye srokovykh
skokov*.
QZ32.0572 69-12378

SHUKOV, ANATOLI IVANOVICH.
Application of the observational method to some
real solution of mathematical problems in gas dynam-
ics, by A. I. Shukov. [Washington] National Aeronautics
and Space Administration; for sale by the Clearinghouse
for Federal Scientific and Technical Information, Spring-
field, Va. [1967] iv, 188 p. 27 cm. (NASA technical
translation, NASA TT F-483). Translation of *Primeneniye
metoda naulyaniya k resheniyu zadach v oblasti
gasey i vysokotemperaturnykh skokov*.
TT-507, DT-48 no. 483 65-6780

16. AGRICULTURE

FELDMANT, ISRAEL MORVICH.
Regularity of capillary movement of water and of
salt solutions in stratified soils: an experimental
study [by] I. M. Feldmant. (Opyt issledovaniya zakono-
mernosti kapillyarnogo porovneniya vody i
rastvorov soli v sloistnykh gruntakh) Edited by B. V.
Fedotov. Translated from Russian [by M. Kuznetsov].
Jerusalem, Israel Program for Scientific Translations;
available from the U. S. Dept. of Commerce, Clearing-
house for Federal Scientific and Technical Information,
Springfield, Va. [1966] viii, 88 p. 24 cm.
DS64.F43 68-61996

16. TECHNOLOGY

BLOKH, GREGORII ABRAMOVICH.
Organic accelerators in the vulcanization of rubber
[by] G. A. Blokh. Translated from Russian by J. Schor-
rak. Jerusalem, Israel Program for Scientific Trans-
lations, 1964. x, 423 p. 24 cm. Translation of
Organicheskiye uskoriteli vulkanizatsii kauchuka.
T-17, N63 no. 77-1346 71-34764

DROZDOV, B. M.
Coding operations on the KV 80-3 electronic com-
puter. USSR. [By B. M. Drodov and M. G. Rappoport].
New York, U. S. Joint Publications Research Service,
1964. 18 p. 27 cm. (JPRS/DC-348) Translated from
Vychislitel'naya matematika, no. 2 (1957) p. 148-153.
AD54, U66 no. 243 68-60443

KHMELEV, VASILI SEMENOVICH, 1901-
The metallurgy of nuclear fuel, properties and
principles of the technology of uranium, thorium, and
plutonium, by V. S. Yemel'yanov and A. I. Yevtyukhin.
Translated by Anne Foster. [1st English ed.] Oxford,
New York, Pergamon Press [1960] x, 646 p. 24 cm.
Translation of *Metallurgiya yadernogo goruchego*.
TK3400.K52 1960 68-18637

BOOKER, JORDAN ATWOOD, 1920-
Regional energy potentials of conventional non-
renewable energy sources in the Soviet Union. Ann
Arbor, Mich., University Microfilms [1960] ix 371 l.
Microfilm AC-1 no. 60-142 68-60443

KOROBCHANENKO, L. M.
Design of by-product recovery units of coke plants
[by] L. M. Korobchanenko and M. D. Krasovskiy. Trans-
lated from the Russian by G. Barker. Bombay,
New York, Asia Pub. House [1967] viii, 283 p. 24 cm.
Translation of *Proektirovaniye apparatov dlya razvlecheniya
khimicheskikh produktov koksovaniya*.
TK3400.K52 1967 68-18637

KREIMER, GERSH SEMENOVICH.
Strength of hard alloys [by] Gersh S. Kreimer.
Translated from Russian. New York, Consultants
Bureau, 1962. viii, 158 p. 24 cm. Translation of
Prochnost' tverdykh spлавov.
TA478.K5 1962 68-60443

PODOLSKI, JOSEPH J.
Observance and control [by] Joseph J. Podolski. Washing-
ton, D. C., Aerospace Technology Division, Library of
Congress, 1963. iv, 373 l. 27 cm. (ATD report 68-
30-108-1)
X663.P63 A no. 68-35 73-600363

POLOVOY, ANATOLI MIKHAILOVICH.
Mechanisms of reliability theory, by A. M. Polovoy.
Translated by Boris Tezhnin. Translation edited
by William H. Pierce. New York, Academic Press,
1964. xiv, 486 p. Translation of *Teoriya naulyaniya
dostovernosti*.
TA478.P63 67-33774

RUBINOV, PETR ALEXANDROVICH, 1898-
Hardness reduction in drilling: a physico-chemical
method of facilitating the mechanical destruction of
rocks during drilling: a translation of the book by P. A.
Rubinov, L. A. Schreiner, and K. P. Khachatryan. Mos-
cow, Gosstatiz for Scientific and Industrial Research,
1948. ii, 163 l. 24 cm. Translation of *Poslabeniye
tverдости v burovni*.
TK3400.R63 71-36484

TARASUK, LEOHID.
Russian plastics in the nineteenth century.
York, Pa., G. Steiner [1968] 34, [1] p. 24 cm.
TM633.T4 R673 73-3644

VOLOTOVSKII, A. A.
Automatic control components for sailing [by]
A. A. Volotovskiy [and others]. Translated from the
Russian [ed.] by Boris Kossovskiy. Moscow, Mir, 1964.
213, [1] p. 24 cm. Translation of *Avtomaticheskoe
regulirovaniye v gorizontal'nykh proyektakh*.
TK3400.V63 70-34743

LEDDNELL HART, BAMEL HENRY, 1894-
The Red Army: the Red Army, 1918 to 1945, the
Soviet Army, 1946 to the present, edited by B. H.
Lednell Hart. Gloucester, Mass., P. Smith, 1963.
P1946.L44 xiv, 490 p. 21 cm.
DA77.L4 1964 74-2153

17. MILITARY & NAVAL SCIENCES

IN OTHER WESTERN EUROPEAN LANGUAGES

2. BIBLIOGRAPHY

PARIS, BIBLIOTHEQUE NATIONALE. *Département des
imprimés*.
Catalogue des ouvrages de Lev Nikolaevitch Tolstoy
conservés au Département des imprimés et dans les
bibliothèques de l'École nationale des langues orientales
vivantes, de l'Institut d'études slaves, de la Sorbonne
et de la Bibliothèque slave. Paris, Bibliothèque nationale
1960. iv, 184 p. 24 cm.
Z663.T6 D47 71-36666

PARIS, ÉCOLE PRATIQUE DES HAUTES ÉTUDES.
Centre russe.
Catalogue des microfilms des ouvrages intéressants
les musulmans de l'U.R.S.S. et la politique musulmane
du Gouvernement soviétique, se trouvant au Centre
russe de l'École pratique des hautes études, V^e
section. [Paris? 1963?] 1 v. (various pagings) 28 cm.
X7334.M5P37 68-130788

PARIS, ÉCOLE PRATIQUE DES HAUTES ÉTUDES.
Centre russe.
Catalogue des microfilms des périodiques musul-
mans publiés en Russie et des périodiques publiés à
l'étranger par des musulmans russes émigrés, avant
1930, se trouvant au Centre russe de l'École pratique
des hautes études. [Paris? between 1963 and 1964]
75 l. 28 cm.
X7334.M5P38 68-130788

PARIS, ÉCOLE PRATIQUE DES HAUTES ÉTUDES.
Centre russe.
Catalogue des microfilms du Centre russe de l'École
pratique des hautes études ouvrages et périodiques
concernant l'Islam en Russie et la population au
Moyen Orient. (Supplément 1964) [Paris? 1964?]
75 l. 28 cm.
X7334.M5P39 68-130788

3. PHILOSOPHY & RELIGION

GUIDUCCI, ARMANDA.
Dalla ideologia allo strutturalismo. Milano,
Feltrinelli, 1967. 373 p. 23 cm.
B372.G53G6 73-369464

ORTHODOX EASTERN CHURCH. *Liturgy and ritual. Lei-
terung des Gottesdienstes und des Rituals*.
Die göttlichen Liturgien unserer heiligen Väter
Johannes Chrysostomos, Basilios des Grossen und
Gregorios Palamos. (Deutsch und slavisch unter
Berücksichtigung der griechischen Urtexte von) Alexios
Makarov. (Umschrieben von) Gregor Makarov.
Der Aug. Berlin 1960. (Darmstadt, Wissenschaftliche
Buchgesellschaft, 1967. xxiv, 668 p. 18 cm.
BX376.L4A38 1967 70-369855

SCODA, FRANCESCO.
Critica della religione nell'URSS. Torino, Loescher/
[Collegio], 1964. 179 p. 18 cm. (Col-
legio Ateneo 1)
BL376.L4A38 1964 74-369855

STUPPKRICH, ROBERT, 1904-
Die russische orthodoxe Kirche in Lehre und
Leben. In Verbindung mit dem Studienauschuss der
Evangelischen Kirche der Union für Fragen der ortho-
doxen Kirche und einer Reihe von Theologen. Hrsg.
von Robert Stuppkrich. (2., durchgesehene Aufl.)
Witten, Luther-Verlag, 1967. 373 p. 23 cm. (Schriften-
reihe des Studienauschusses der EKD für Fragen der
Orthodoxen Kirche, Bd. 3)
BX376.L4A38 1967 70-369855

URSI: DIBATTITO NELLA COMUNITÀ CRISTIANA.
Quattordici documenti del cristianesimo sovietico, dei
saggi di M. Kravtchuk e M. Boudakov. Milano, Jaca book,
1964. 300 p. 24 cm. (Cronaca alla prova. Chiesa e
sociali, 4).
BR353.U3 70-370384

4. HISTORY

ADAM, WILHELM, 1892-
Der schwarze Katalan. Unter wissenschaftlicher
und literarischer Mitarbeit von Otto Rühle. (7. Aufl.)
Berlin, Verlag der Nation [1967]. 27 p., map. 21 cm.
DT64.A438 1967 77-370185

BERLIN, PARTISCHESCHULN "KARL MARX."
80 [Fiftieth] Jahre Triumph des Marxismus-
Leninismus. Die Grosse Sozialistische Oktoberrevolu-
tion und die Entwicklung des Marxismus-Leninismus.
(Von einem Autorenkollektiv unter der Leitung von
Gertraud Teschner hrsg.) Berlin, Dietz, 1967.
217 p. 21 cm.
DK63.B4 I 584 77-364768

BEZYMENSKI, LEV ALEXANDROVICH.
Soderzhanie "Barbarosa"; Dokumenty, Dokumenty,
Dokumenty. [Aus dem Russischen Übers. von Erich
Khalov.] Stuttgart, Deutsche Verlags-Anstalt [1964].
321, [1] p. 24 cm.
D764.B43 74-369855

BLACH, ENZO, 1920-
Marxism and the Soviet Union. Milano, Rizzoli,
1967. 153 p. 18 cm.
DK378.B43 70-369855

BRADLEY, JOHN FRANK HENRY.
La Légion soviétique en Russie, 1914-1920,
par J. F. M. Bradley... Paris, Bordet, impr.
Delmas, 1965. 153 p. 28 cm.
D644.B47 70-370384

DEUTSCHER, HAAAC, 1947-1947.
La Révolution tschèque, cinquante années de
révolution en Union soviétique, 1947-1947. Traduit
de l'anglais par Bolo. Paris, R. Laffont, 1947.
232 p. 18 cm. Translation of *The revolution in
Czechoslovakia*.
DZ203.2 I 5D414 70-370425

FISCHER, LOUISE, 1948.
Du régime soviétique, 1947-1947, essai traduit par
F. J. Roy. Paris, Julliard, 1948. 142 p. 21 cm.
Translation of *Five years of Soviet communism*.
DZ203.2 F414 71-366493

GRÖNBAUM, FERDINAND, 1938-1937.
Frankreich in Ost- und Mitteleuropa, die französische
russische Beziehungen von 1848-1848. Wiesbaden, F.
Schöner, 1938. xvi, 134 p. 24 cm. (Quellen und
Studien zur Geschichte des Mittel- und Ost-Europas, Bd. 2)
DZ207.2 F807 71-366777

HEIKEL, AXEL OLAF, 1941-1941.
Antiquités de la Sibirie occidentale. Conservées
dans les musées de Toulon, de Tobolsk, de Tumen,
d'Ekaterinbourg, de Moscou et d'Orsk. Publié
par Axel Heikel. Rapprochement de l'Asie 1941.
Osnabrück, Zeller, 1941. 110 p. 24 cm. (Mémoires
de la Société Finno-Ougrienne, 6).
PHL 86 no. 6. 1941 72-372430

JACKEL, ROBERT.
Die Nordwestküste in der Verteidigung Indiens
1900-1948 und der Weg Kaptains zum russisch-englischen
Abkommen von 1907. Köln, Westdeutscher Verlag
1948. 256 p. 24 cm. (Beiträge zur Kolonial-
und Überseegeschichte, Bd. 3)
DZ440.2 J43 70-366323

JACOFFLEGER (VON) SERGEI GEORGEVITCH
KURBENKOV (UND) ARSEN WAHELJEVITCH
WOLSKOJIKIN. Berlin, Deutscher Militärverlag,
1948. 44 p. 21 cm. Translation of *Podzemi gornye
i more by S. G. Kurbakov, and of Arsen Wahelevitch
by A. V. Wolskojikin*.
DZ441.2 J43 71-366736

LAQUER, WALTER K. K. V., 1941-
Myths der Revolution. Deutungen und Fiktionen
der Sozialgeschichte. Eine Studie. [Von] Walter
Laquer. (Aus dem Englischen Übers. von Karl Kien.)
(Frankfurt a. M.) F. Fischer (1947). 236 p. 21 cm.
Translation of *The myths of the revolution*.
DZ203.2 L43 71-366444

LEONARD, WOLFGANG.
Nikita Sergejewitsch Chruschtschow, sensation et
chute d'un homme d'Etat soviétique. [Traduction de
Jean-Louis Corneille.] (Louvain, Paris.)
Editions Beaumont, 1944. 112 p. 24 cm. Translation
of *Nikita Sergejewitsch Chruschtschow*.
DZ203.2 L43 71-366447

LUNACHARSKY, ANATOLI VASIL'EVICH, 1878-1933.
Profil der Revolution [von] Anatoli W. Lunatschur-
ski. (Frankfurt am Main) Europäische Verlagsanstalt
(1948) 140 p. 21 cm. (Die neuen, Bd. 67) Trans-
lation of *Profil der Revolution* published in Moscow
in 1933.
DZ203.2 L43 71-366448

L'OPINION PUBLIQUE EUROPEENNE DEVANT LA
REVOLUTION HUNGARISE DE 1956, AVEC UNE INTRO-
DUCTION DE FERNAND L'ETHELIER... Paris, Mory,
1956. 215 p. 20 cm.
DZ203.2 L43 70-371186

MEKRELOV, VIKTOR PLATONOVICH, 1911-
In dem Schicksal der Nationen. Von Viktor
Mekrelow. (Aus dem Russischen Übers. von Nikolai
Lobov.) Berlin, Deutscher Militärverlag,
1956. 214 p. 21 cm.
DZ203.2 M43 71-371186

PHILIPP, WERNER.
Analyse des geschichtlichen und politischen Denkens
im Kiewer Russland. Sonderdruck, Darmstadt, Wis-
senschaftliche Buchgesellschaft, 1947. 106 p. 23 cm.
DZ203.2 P43 71-366770

PLECHA, DANIEL.
Das Werden einer Weltmacht. München, Deutscher
Verlag (1948) 240 p. 21 cm.
DZ203.2 P43 71-366773

SEYER, PAUL, 1901-1947.
Russische Geschichte. (Mik 8 Kursumskum.)
Frankfurt/M., Berlin, Ullstein, 1948. 171 p. 14 cm.
DZ203.2 S43 71-366443

STALIN, JOSEF, 1879-1953.
Le Communisme et la Russie. Textes [de Joseph
Staline] choisis et présentés par Jean-François Kahn.
Paris, Denoël, 1953. 232 p. 18 cm. (Bibliothèque
Méthénier, 87)
DZ203.2 S43 71-366443

TROTSKY, LEV, 1879-1940.
Politique de Trotsky. Textes choisis et présentés
par Jean Bachelier. Paris, A. Colin, 1948. 400 p.
18 cm.
DZ203.2 T43 71-366443

ULAM, ADAM BRUNO, 1923-
Die Bolschewiki. Vorgeschichte und Verlauf der
kommunistischen Revolution in Russland. [Von] Adam
B. Ulam. (Aus dem Englischen von Helmut Linde-
mann.) Köln, Berlin, Düsseldorf u. Wiesbaden, 1957.
240 p. 21 cm. Translation of *The Bolsheviks*.
DZ203.2 U43 71-366443

XHELOKHOTSEV, A.
La Révolution culturelle vue par un soviétique
[par] A. Xhekhovtsev. Traduit de russe par Michel
Kodman et Jacques Michel. Paris, R. Laffont, 1948.
240 p. 18 cm. Translation of *"Tchekhovtseva"*
a *révolution culturelle*.
DZ203.2 X43 71-366447

5. SOCIAL SCIENCES

BURKERTER, HELMUT.
Probleme und Möglichkeiten einer planwirtschaft-
lichen Verkehrsordnung. Göttingen, Vandenhoeck u.
Ruprecht, 1948. 178 p. 24 cm. (Beiträge zum
Institut für Verkehrswissenschaften an der Universität
Münster, Heft 30)
DZ203.2 B43 71-366443

DEINKER, OLEG ALEXANDROVICH.
Die Landwirtschaft in der UdSSR. [Deutsche
Übersetzung: Das Kleinrenten und Rente Prognostik]
Verantwortlich für die Redaktion der deutschen Überset-
zung: Prof. Dr. habil. Benjamin. Potsdam-Babels-
berg (Selbstverlag) Deutsche Akademie für Staats-
und Rechtswissenschaft "Walter Ulbricht," Zentral-
stelle für Staats- und Rechtswissenschaftliche Informa-
tion und Dokumentation 1948. 88 p. 21 cm. (Abhand-
lungen der Staats- und Rechtswissenschaft, Heft 33)
Translation of *Nikita Sergejewitsch Chruschtschow*.
DZ203.2 D43 71-366443

LEWYTSKY, BORIS.
L'Asie soviétique. Traduit de l'allemand par
Pierre Karskier. Paris, R. Laffont, 1948. 207 p.
21 cm. Translation of *Die Asien soviétique*.
DZ203.2 L43 71-366443

MÖCHEL, GERHARD.
Ökonomisches Wörterbuch: russisch-deutsch, mit
rund 80 000 Fachbegriffen und ebenso Versuchs-
internationaler Wirtschafts- und Gewerkschafts-
ausdrücken, von Gerhard Möchel, mit Unterstützung eines
Autorkollektivs. Düsseldorf, Bertelsmann-Verlag (1948,
1947) 600 p. 26 cm.
DZ203.2 M43 71-366443

MÜLLER-DITZ, WALTER.
Staatserziehung in der UdSSR und in Mitteleuropa.
Hrsg. von Hans Burmann. Hamburg, Akademie
für Staatsrecht, 1947. 48 p. 26 cm. (Der Entwick-
lung und Organisation des Gesellschaftswissenschaften in Sow-
jetrußland, in osteuropäischen Volkswirtschaften und
in Mitteleuropa, Bd. 36).
DZ203.2 M43 71-366443

PELONIER, JEAN, 1903-
Les paradoxes contre les mythes et les légi-
sations en U. R. S. S. 1947-1947. Sylabus. 1947. 44.
(Bruxelles, Presses universitaires de Bruxelles),
1948. 131 p. 26 cm.
DZ203.2 P43 71-366443

URLE-WITTLER, FRANK.
Der sowjetische Marxismus [von] Ulrich Witter.
2. erw. Aufl. Darmstadt, Poeschl (1944) 177 p.
21 cm.
DZ203.2 U43 71-366443

WÄDEKIN, KARL EUGEN.
Staatserziehung in der UdSSR und in Mitteleuropa
bis 1944. Hrsg. von Hans Burmann. Hamburg, Akade-
mie für Staatsrecht, 1947. v. l. a. H. 40 l. 30 cm.
(Der Entwicklung und Organisation des Gesellschaftswissenschaften in Sow-
jetrußland, in osteuropäischen Volkswirtschaften und
in Mitteleuropa, Bd. 36).
DZ203.2 W43 71-366443

6. POLITICAL SCIENCE

SCHMIEDERER, URSULA.
Zur sowjetischen Theorie der friedlichen Ko-
existenz. Frankfurt, Verlag Neue Kritik (1953) 77 p.
21 cm. (Probleme sozialistischer Politik, 6)
DZ203.2 S43 71-366443

ROTHMUND, DIETMAR.
Indien und die Sowjetunion. Tübingen, Albrecht
gemischte für Osteuropaforschung (Albrecht)
Hölder, 1948. viii, 116 p. 23 cm. (Albrecht-
gemischte für Osteuropaforschung, Sonderaus-
gaben und Untersuchungen zur Weltgeschichte,
Nr. 23)
DZ203.2 R43 71-366443

STALIN, JOSEF, 1879-1953.
I pensieri di Stalin. Di Fabio De Amicis. Roma,
Travi, 1953. 62 p. 21 cm.
DZ203.2 S43 71-366443

8. EDUCATION

MACHATSCHEK, HEINZ.
Sport geboren im Feuer der Revolution. Körper-
kultur und Sport in der UdSSR. [Herausgeber: Institut
für Deutsch-Sowjetische Freundschaft, Frankfurt
vorstand, Berlin, 1947] 104 p. 24 cm.
DZ203.2 M43 71-366443

9. MUSIC, THEATER & MOTION PICTURES

GOETZ, MAXIM, 1886-1938.
Les petits bourgeois. Pièces en quatre actes [par]
Maxime Gorki. Traduction de Arthur Adamov. Paris,
L'Arche/Lausanne, La Cité, (1955). xii, 134 p.
18 cm. (Théâtre populaire romain, 1955). (3)
Translation of *Maxim Gorki*.
DZ203.2 G43 71-366443

HOFMANN, ROTSLAV, 1915-
Histoire de la musique russe des origines à nos
jours [par] Michel-R. Hofmann. Paris, Buchet (1948)
bel, 1948. 270 p. 21 cm.
DZ203.2 H43 71-366443

LIDO, SERGE.
Enlées et ballets soviétiques. Photographies de
Serge Lido. Préface de Serge Lido. (Illustrations
par Irène Lido. Paris, Editions Viki, 1948. 14 p.
21 cm.
DZ203.2 L43 71-366443

SOVIETISCHE DRAMEN. [Von] Boris Lantier (a. a.)
(Hrsg. und redaktionell bearb. von Charlene W. Lantier)
Deutsch von Hans Rodenberg [a. a.] D. Witten. Verlag
Kultur und Fortschritt, 1947. 490 p. 23 cm.
DZ203.2 S43 71-366443

10. FINE ARTS

4 [a. a.] QUATTRO] PITTORI DELL'AVANGUARDIA
RUSSA: GONCHAROVA, LARIONOVA, MANDELSTAM,
SARUN. A cura di P. Bolini. Sala comunale delle
deposizioni, 19 febbraio-4 marzo 1947. Milano, Valia,
Tedeschi, 1947. [17] l. 30 x 21 cm.
DZ203.2 Q43 71-366443

11. LANGUAGE, LITERATURE & FOLKLORE

ANTONOV, SERGEI PETROVICH, 1911-
Der Kriminologe Rubel. (Einführung.) [Von] Sergei
Antonov. (Aus dem Russischen. Übersetzung von
Gottfried Kirchhoff.) Leipzig, Brockhaus (1948). 147 p.
17 cm. Translation of *Rubel*.
DZ203.2 A43 71-366443

BARATSKIVILI, NIKOLAI MELITONOVICH, 1880-1944.
Le Destin de la Géorgie, poèmes [par] Nikita
Baratskivili. Paris, les Editions françaises russes,
1948. 143 p. 18 cm.
DZ203.2 B43 71-366443

BULGAROV, MIKHAIL AFANAS'EVICH, 1894-1947.
Le Maître et Marguerite, roman [par] Mikhaïl
Boulgakov. Texte intégral précédé d'une introduction
de Sergej Ermolovitch. Traduit de russe par Taty-
Lagay. Paris, R. Laffont, 1948. 116 p. 23 cm.
Translation of *Maître et Marguerite*.
DZ203.2 B43 71-366443

BUNSEWITZ, WOLFGANG.
Der jugoslawische Held in der sowjetischen Literatur.
[Berlin] Gesellschaft für deutsch-sowjetische Freundschaft,
Kontrollvorstand, Abteilung Kultur (1948).
43 p. 20 cm. (Für den Literatur-Propagandisten,
Bd. 5)
DZ203.2 B43 71-366443

CHIRKOV, ANTON PAVLOVICH, 1890-1904.
Archäologische. [Von] Anton P. Chirkov
Übersetzung und Nachwort von Erich Müller-Kamp.
Vorwort von Thomas Hagas. Düsseldorf, Droste
(1947). x, 220 p. 20 cm.
DZ203.2 C43 71-366443

CHYZHEVSKIY, DMYTRO, 1884-
Vergleichende Geschichte der slavischen Literaturen
von Dmytro Chyzhevskiy. Berlin, de Gruyter, 1981.
2 v. 16 cm.
PQ804.C5 1983 72-365864

DROBKA, GENKA, comp.
Das neue Russland. Prosa der zwanziger Jahre.
Hrsg. und Übers. von Genka Drobka. [Plochingen]
Müller und Schindler [1988] 237 p. 22 cm.
PQ8368.D74 74-368433

DAMIAN, KIRCHA, pseud.
Izba und die Haza. Ein Märchen aus dem alten
Russland erzählt von Miroslava Danjina. Bilder von
Tomas Bogdanovskiy. (München: KTH.) Nord-Süd-Verlag
(1988). 23 p. 22 cm.
PZ34.D34 77-373486

KHRENBURG, IL'YA GREGOR'EVICH, 1891-1947.
Arbre, 1938-1944. Traduit du russe et préfacé
par Benjamin Goriely, avec un portrait par Georges
Anastachev. Paris, P. J. Oswald [1968] 81 p. 19 cm.
(L'Arbre des hommes nouveaux, v. 9) Translation of
DREKSTRA
PQ3478.K5D384 74-361754

FIK, VIKTOR GREGOR'EVICH.
Zwischen Paris und Moskau. Literarische Kri-
stikungen. Von Viktor Fik. (Übers. von Hepp Göttert.
Leicht gekürzt. Illustrationen. Fred Wostphal.) Berlin,
Dietz, 1967. 362 p. 20 cm. Translation of *Literny-
skrypye vospomynaniy*.
PQ3478.F47K55 78-374036

GORTSI, MAKSIM, 1888-1936.
Balladische Märchen [von] Maxim Gorki. [Aus dem
Russischen Übers. von Alexander Gorki et al.] Mün-
chen, Wehring-Verlag [1988] 180 p. 20 cm. (Die
Fandgrube, Nr. 84) Translation of *Skazki ob Malii*.
PQ3484.G855 75-367411

GRÖSCHEL, BERNHARD, 1926-
Untersuchungen zur Sprache [von] Vyacheslav
Bom (Rostische Friedrich-Wilhelms-Universität)
1967. vii, 90 p. 21 cm.
PQ3484.G855 70-365329

GULYA, JÁNOS.
Mährische Märchen. [Aus dem Ungarischen
Übers. von Róka Pólosky, Dávidovskiy E. Diederichs
1. Bd. Wuppertal und Ostfriesland. 1968. 20 cm.
GR344.G85 72-365007

GURIO, IRINA ROMANOVNA.
Das Tor zur kleinen Erde [von] Irina Gurio. [Aus
Deutsche Übers. von Lia Puskasovs. Berlin]
Verlag Neues Leben [1968] 94 p. 21 cm. Translation
of *Porta ad Terram parvam*.
PQ3478.G855 74-365008

IL'YEVSKIY, IURII, 1903-1954.
Les saviers, par Iuri Il'yevskiy. Traduction de
l'ukrainien par P. Sankévitch, Marguerite Assolant
et Mylène Jaccot. Revue et présentée par Arago.
G. éd. [Paris] Gallimard [1987] 186 p. 21 cm. (Li-
téraires nouvelles, 2) Translation of *Yur'yevskiy*.
PQ3484.I3V44 1987 74-365013

IVANOV, ALEXANDRO.
Nota e parva della struttura del Boris Godunov.
Udine, Arti grafiche friulane, 1967. 22 p. 24 cm.
PQ3443.I84 I 9 78-365444

KRAMAROVA, OL'GA.
Alexandre Sergeievitch Gorki: sa vie, ses
ouvrages. Paris, Impr. Bonnelot-Jouve, 1907. 216 p.
78 cm.
PQ3478.K75 70-301741

LEBKOY, NIKOLAI SEMENOVICH, 1831-1893.
Der Boyer Nikola Jurevitch. [Von] Nikolai Lebkoy.
Zelaznitsky von Heiner Rothkoos. (Übersetzung aus
dem Russischen von Heiner Rothkoos.) (Plochingen und
Stuttgart) Müller u. Schindler [1988]. 84 p. 27 cm.
PQ3477.L83 1988 74-365411

LEBKOY, NIKOLAI SEMENOVICH, 1831-1893.
Die Kumpstator; Erzählung [von] Nikolai Lebkoy.
Aus dem Russischen Übers. von Johannes v. Gese-
ther. Stuttgart, Reclam-Verlag [1981] 124 p. 18 cm.
Translation of *Vojel'stina*.
PQ3477.L83 1981 72-373083

LEKHACHEV, DMITRIY SERGEEVICH.
Nach dem Formalismus, Aufsätze zur russischen
Literaturtheorie [von] Dmitriy Lekhachev. Aus dem
Russischen Übers. v. Ingrid. und mit einem Nachwort
versehen von Alexander Knappe. (München) C. Hanser
[1988] 114 p. 19 cm.
PQ443.L43 74-365444

MAIAKOVICH, VLADIMIR VLADIMIROVICH, 1894-1930.
Politische Poesie. [Von] Vladimir Mayakowski.
Deutsche Nachdichtung von Hugo Hoppert. (Frankfurt
a. M.) Suhrkamp [1985]. 208 p. 19 cm. (Bibliothek
Suhrkamp, Bd. 133)
PQ3478.M43A43 1985 71-367844

MAURINA, ZENTA, 1887-
Portraits russischer Schriftsteller. Mamy.
München/Altdorf, M. Dietrich [1983] 253 p.
19 cm.
PQ3484.M33 77-367811

MEKRAVOY, VIKTOR PLATONOVICH, 1890-
Vorfall auf dem Mural-Bügel. Erzählung. [Von]
Viktor Mekravoy. (Zürich: Wehring, 1988). 208 p.
mit einer Besprechung von Walter Rosenberg. Die
Titelübersetzung Übers. Maria Hühner. Berlin,
Verlag der Nation [1987]. 240 p. 21 cm.
PQ3478.M47A7 72-365277

PUSHEIN, ALEXANDER SERGEEVICH, 1890-1937.
La légende de sainte. Nouvelles. [Par] Alexandre
Pousheine. Traduit du russe par Edmond Leclot.
Illustrations de Ref. [2e éd.] (Paris, Tournaï),
Casterman, 1967. 111 p. 18 cm.
PQ3483.P5A2 1967 72-371033

RISALITI, RENATO.
Sallyov-Medea. Pisa, Libreria goliardica, 1948.
184 p. 24 cm.
PQ3484.R5255 70-365816

SEKLOVSKII, VIKTOR BORISOVICH, 1893-
Capitaine Fédorov, récit [par] Viktor Seklovskiy.
Traduit du russe par Elsa Triollet. [Paris,] Cal-
lmand, 1968. 223 p. 24 cm. Translation of *Fedorov*.
o *Kapitan Fedorov*.
PQ3478.S435P54 72-371230

SEKLOVSKII, VIKTOR BORISOVICH, 1893-
Kindheit und Jugend [von] Viktor Seklovskiy. [Aus
dem Russischen von Alexander Knappe. Frankfurt
am Main] Suhrkamp Verlag [1984] 214 p. 19 cm.
"Kindheit" and "Jugend" are selections from the
author's *Zhizn' byti*.
PQ3478.S435P54 72-365788

STALIN, IOSIF, 1878-1953.
Märchen und Fragen der Sprachwissenschaft
[von] J. Stalin. [Aus dem Russischen von Boris D.
Becker.] Über die Entstehung der Sprache [von]
K. Marx. Hrsg. von H. P. Giese. München, Rognor &
Darmstadt, 1953. 146 p. 20 cm. The work by I. Stalin
is translation of *Märchen i voprosy lingvistyki*.
PQ3478.S75 1953 70-371217

TEVETAKVA, MARINA IVANOVNA (KPRON) 1892-1944.
Marina Tevetakva, poèmes traduits par Elsa Triollet.
[Paris,] Gallimard, 1968. 123 p. 21 cm. (Poésie
russes contemporaines, 1)
PQ3478.T75A7 1968 70-365000

TURKOV, IVAN SERGEEVICH, 188-1843.
Briefe an Ludwig Meissel [von] Ivan Turkov.
Mit einem Anhang: Ludwig Meissel über Turkov.
[L. Aufl. Hrsg. von Christa Schabert. Bonn. Im
Auftrag des Instituts für Slavistik der Deutschen
Akademie der Wissenschaften zu Berlin] Berlin,
Aufbau-Verlag, 1988. xvi, 300 p. 20 cm.
PQ3443.T81 74-371133

WIESKIN, NICOLAS.
Tolstoi... Paris, Presses universitaires de France,
1968. 128 p. 18 cm.
PQ3443.W574 78-365363

12. GEOGRAPHY & GEOLOGY

GIDE, ANDRÉ PAUL GUILLAUME, 1869-1961.
Récit de l'U.R.S.S., suivi de Réponses à nos
lecteurs de l'U.R.S.S. 10. éd. [Paris] Gallimard
[1960] 230 p. 18 cm.
D347 74-1743

RÉPUBLIQUE SOCIALISTE SOVIÉTIQUE DE LITUANIE.
[Moscow, Editions de l'agence de presse "Novosti,"
1967]. 84 p. 16 cm. Translation of *Litovskia*.
Sovietika Socialisticheskaya Respublika.
D347.L3844 70-365819

VOLODIN, ALEXANDER GREGOR'EVICH, 1894-
La limite entre le Silésie et le Caubrien en
U.R.S.S. Les Archéozoologia et leur signification
stratigraphique. Le Caubrien en U.R.S.S., par
A. Volodine. [Paris, Centre d'études et de documenta-
tion paléontologiques] 1967. 114 p. 27 cm. (Annales
du Centre d'études et de documentation paléontolo-
giques, no. 12)
QD360.V6 70-370003

ZADVORNYY, LEONID.
Per Auto durch die Sowjetunion, Reiseleiter für
sowjetische Touristen [von] Leonid Zadorny.
[Moscow, Verlag Pressengedach Novosti, 1967 or 8]
378 p. 17 cm.
D347.Z33 78-365494

ZAKHARCHENKO, VASILIL.
Mit dem Augen des Freundes. Tati Vasilii Zakhar-
chenko [und] Thomas Billhardt. Folio: Mikhail Char-
lanapjev [und] Thomas Billhardt. [Von O. Liebknecht
aus Deutsche Übersetzungen]. Berlin, Neues Leben [1948]
271 p. 27 cm. Translation of *Dym i y gostekh, y*
gostekh i dom.
D343.Z33 70-371423

13. SCIENCE

KORDIN, NINA VITAL'EVNA.
Abwasser in Seen und Flüssen. Zur Entwicklungsges-
chichte der Seen und umliegenden Landschaften. Von
N. V. Kordin. Mit Tafel 1-5 und 5 Abbildungen im Text.
(Diskussion in Seen und Flüssen. Von A. Juss. Mit Tafel
1-4 und 5 Abbildungen im Text.) Stuttgart, Schweizer-
bart, 1968. 38, 82 p. 24 cm. (Archiv für Hydro-
biologie. Beihefte, Nr. 3, 4. Ergebnisse der Limno-
logie, Heft 3, 4)
QD343.K77 70-365366

KRUTITSKII, VADIM ANDREEVICH.
Zur Struktur der menschlichen Fähigkeiten
[von] V. A. Krutitskiy. Deutsche Übersetzung und
Redaktion: Klaus Dörfler. Berlin, Volk und Wissen,
1968. 80 p. 22 cm. (Psychologische Beiträge, Heft 6)
2. 80. Selected from the work with this Vorwort
psychologicheskoye slovar'nik edited by V. A.
Krutitskiy.
Q414.K757 77-365911

RAVLOV, IVAN PETROVICH, 1848-1938.
Pavlov. [Par] Juss. K. Asconia. [Buenos Aires]
Centro Editor de América Latina [1968] 119 p. 20 cm.
(Enciclopedia del pensamiento científico, 33)
QD343.R35 78-365418

RAMSEYSEKII, PETR KONSTANTINOVICH.
Klementar Einführung in die Transmutation.
Von P. K. Ramseysekiy. (Übersetzung aus dem Russi-
schen: Wolfgang Böhler.) Mit 6 Abbildungen. 2.,
durchgesehenes Aufl. Berlin, Deutscher Verlag der
Wissenschaften, 1968. 79 p. 23 cm.
QA423.R415 1968 77-365003

14. TECHNOLOGY

TSYPKIN, IAKOV ZALMANOVICH.
Adaption und Lernen in automatisierten Systemen.
Ergebnisse, Probleme, Perspektiven. Von Ju. S. Zyp-
kin. Vortrag. Aus dem Russischen Übers. von R. Her-
schel. Mit 11 Abbildungen. München, Wien, Olden-
bourg, 1988. 78 p. 24 cm. Translation of *Adaptatsiya*,
*obucheniye i samooobucheniye v avtomaticheskikh sista-
makh*.
T5717.T715 78-365366

WITWICKA, HALINA.
La Culture russe classique [par] H. Witwicka et
S. Borkina. Paris, A. Michel, 1968. 140 p. 18 cm.
TX713.W57 72-371471

Monthly Index *of* Russian Accessions



Because projected reduction in the appropriations to the Department of Health, Education, and Welfare for fiscal year 1970 will make funds for the continued support of the *Monthly Index of Russian Accessions* unavailable, the Library of Congress must discontinue its publication and with regret announces that this will be the last issue.

Volume 22, No. 5

May 1969

THE LIBRARY OF CONGRESS
WASHINGTON : 1969

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 91 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 92 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$28.00 a year domestic, \$5.75 a year additional for foreign mailing.

L. C. card, 48-46562

* Volumes 1-10 (No. 9), 1948-1967, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 23, NO. 5

MAY 1969

TABLE OF CONTENTS

	Page
Guide to Subject Classifications.....	ix
Subject Classes Arranged Alphabetically.....	xx
Part A—Monographic Works	1071
Part B—Periodicals	
1. General	
a. Scholarly journals.....	1118
b. Popular magazines.....	1116
2. Bibliography	
a. Bibliography.....	1116
b. Libraries & library science.....	1116
c. Printing & the book trade.....	1116
3. Philosophy & Religion	
a. Philosophy.....	1117
b. Religion.....	1117
4. History	
a. General.....	1117
b. Archaeology & antiquities.....	1117
5. Social Sciences	
a. Commerce.....	1117
b. Economics.....	1118
c. Finance.....	1118
d. Labor.....	1119
e. Sociology.....	1119
6. Political Science.....	1120
7. Law.....	1121
8. Education	
a. General.....	1121
b. Physical education & games.....	1122
9. Music, Theater & Motion Pictures	
a. Motion pictures.....	1122
b. Music.....	1122
c. Theater.....	1122
10. Fine Arts	
a. General.....	1122
b. Architecture.....	1122
11. Language, Literature & Folklore	
a. Language.....	1123
b. Literature & folklore.....	1123
12. Geography & Geology	
a. Ethnology.....	1123
b. Geography.....	1124
c. Geology & paleontology.....	1125

13. Science	Page
a. General.....	1126
b. Astronomy.....	1127
c. Biology.....	1128
d. Chemistry.....	1130
e. Mathematics.....	1136
f. Physics.....	1137
14. Medicine	
a. General.....	1143
b. Gynecology, obstetrics & pediatrics.....
c. Neurology & psychiatry.....
d. Ophthalmology & otorhinolaryngology.....
e. Pathology & therapeutics.....	1146
f. Pharmacy & materia medica.....	1147
g. Public health & nursing.....	1147
h. Surgery & dentistry.....	1147
i. Venereology & dermatology.....	1148
15. Agriculture	
a. General.....	1148
b. Animal industry.....	1151
c. Forestry.....	1151
d. Plant culture.....	1152
16. Technology	
a. General.....	1152
b. Aeronautics.....	1153
c. Chemical technology.....	1153
d. Civil & construction engineering.....	1153
e. Electrical engineering.....	1153
f. Industries & trades.....	1157
g. Mechanical engineering.....	1159
h. Mining & metallurgy.....	1174
17. Military & Naval Sciences	
a. Military science.....	1177
b. Naval science.....	1177
Part C—List of Periodicals Indexed and Abbreviations Used.....	1179
Subject Index to Monographs and Periodicals.....	1184
Part D—Books on Russia and the Soviet Union, or by Russian and Soviet authors, recently cataloged by the Library of Congress	
In English.....	1892
In other Western European languages.....	1898

6. GENERALITIES

60 FUNDAMENTALS OF KNOWLEDGE AND CULTURE

60(722.1)—Cuba

Bayly, Stephen, 1964.[Money and the development of Cuban culture. On the 200th anniversary of the birth of Tomas Bonny] *Novyi i staritskiy kulturniy i naukiy zhurnal*. V. 1, no. 1. 1964. 122 p.

601 The sciences and knowledge in general

601(73)—United States of America

Mironov, Aleksandr Aleksandrovich.[Organization of science and scientific studies in the U.S.A.] *Organizatsiya nauki i nauchnykh issledovaniy v S.S.A.* Moskva, "Konsult," 1963. 62 p.Read, G.[Oxford, U.S.A. Hub of a new world. Translated from the English] *Kontsentratsiya nauki i kul'tury v Oksforde*. Moskva, "Prosvet," 1963. 294 p.

61 Bibliography

[Fights for the great cause. (Activities of the revolutionary movement in Transcarpathia. A concise bibliography index)] *Borba za veliku pravdu*. (Aktivni dielni revoliutsionogo rubina na Zakarpattii. Korotkiy bio-bibliograficheskiy poleznoykh. Uzhhorod, "Karpats," 1967. 58 p.[Yearbook of Azerbaijani books, 1966] *Knizhnyy letopis' Azerbaidzhana*, 1966. Baku, 1967. 342 p. [In Azerbaijani and Russian]

61(471.23)—Karelia A. S. R.

Tukalo, M. I. and Mikhaylov, V. A.[Books on Karelia. An index of literature on the 40th anniversary of the Soviet regime] *Knigi o Karelii*. Uusikaupunki, 1964. 100 p. [In Finnish and Russian]

(MIO) (VIO)

61(478.3)—Tajik S. S. R.

Murshadov, M. M. and Ismailov, D. S.[Bibliography of bibliographies of Tajikistan] *Bibliografiya bibliografiy Tadzhikistana*. Dushanbe, "Donik," 1964. 144 p.

(MIO)

61.6 Bibliographies on generalities (sciences and culture, bibliography, libraries, organizations, etc.)

Chelpanova, Vera Leonovna.[Publications of the United Nations and its specialized agencies. A review for 1946-1948] *Publikatsii Organizatsii Ob'edinyemykh Natsii i ee spetsializirovannykh uchrezhdenii*. Obozr za 1946-1948 gg. Moskva, "Munka," 1963. 400 p.

61.8 Bibliographies on mathematics and natural sciences

Andrei Nikolaevich Beloserezhnii. Vyp. 1. *Matematika*. Moskva, "Munka," 1963. 63 p. (Materialy k bibliografiy obshchey nauki. Seriya khimicheskaya. Vyp. 1.)[Bibliographical index on polarography] *Bibliograficheskiy ukazatel' literatury po polarografii*. Kishinev. Vyp. 1. 1962-1963 gg. No. 1-62. 1963. 109 p.Mikha Aleksandrovich Toropov (1903-1964) Vyp. 1. *Matematika*. Moskva, "Munka," 1963. 94 p. (Materialy k bibliografiy obshchey nauki. Seriya khimicheskaya. Vyp. 1.)Shchegolev, Yuriy Yevgenyevich.[Bibliography of Russian and foreign literature on mathematics. (1763-1944)] *Bibliografiya russkoy i inostranoy literatury po matematike*. (1763-1944 gg.) Leningrad, "Tizn," 1962. 97 p.

61.8 Bibliographies on applied sciences, medicine, technology

Aleksandr Alekseyevich Chersyshev. Vyp. 1. *Meditsina*. Moskva, "Munka," 1963. 48 p. (Materialy k bibliografiy obshchey nauki. Seriya khimicheskaya. Vyp. 1.)[Bibliography on essential oil plants and essential oils. Index of Soviet literature from 1747 to 1964] *Bibliografiya po sushchymykh maslyam i sushchymykh maslyam*. Ukazatel' literatury za 1747-1964 gg. Leningrad, "Munka," 1963. 378 p.[Textile industry. Bibliography from 1917 to 1964] *Tekstil'naya promyshlennost'. Bibliografiya*. 1917-1964. Moskva.Ch. L. [Economic aspects. Organization of production. History of the textile industry] *Ekonomika. Organizatsiya proizvodstva. Istoriya tekstil'noy promyshlennosti*. 1964. 192 p.

61.7 Bibliographies on the arts, entertainment, sport

Kharkov, Nikolai Yevgenyevich. [Cinema literature of the U.S.S.R. Bibliography (1770-1964)] *Kinematograficheskaya literatura S.S.S.R. Bibliografiya*. (1770-1964). Moskva, "Kino," 1963. 294 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.

61.8 Bibliographies on literature

[Bare Kirk. A bibliographical index] *Knizhnyy ukazatel'*. Moskva, "Kino," 1967. 3 p.[Uzbek writers. A bibliographical index] *Uzbekskiy knizhnyy ukazatel'*. (Uzbekskiy knizhnyy ukazatel') *Knizhnyy ukazatel'*. Moskva, "Kino," 1964. 228 p.[German-Russian mathematics dictionary. Approximately 11,000 terms] *Nemetsko-russkiy matematicheskiy slovar'*. Obozr 11 000 terminov. Red. L. A. Kaluzhskiy i dr. Pod red. L. B. Pogrebyelogo. Izd. 2-e, pererabot. i dop. Moskva, "Sov. entsiklopediya," 1963. 347 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.[Russian-Arabic pocket dictionary. Approximately 6,000 words] *Russko-arabskiy slovar'*. Obozr 6000 slov. Pod red. G. M. Sharbatova. Izd. 2-e, ispr. Moskva, "Sov. entsiklopediya," 1963. 334 p.

Odesa University

[Twenty-First Scientific Conference of the Biology and Geography Departments. Abstracts of reports] XXI nauchno spetsializatsiyni konferentsiia s'istat'skimi dopovidami i istoricheskimi dokladami. 30 beresnia-8 knisnia 1966 roku. Odesa, 1966. 103 p. (MB)

Odesa University. [The 1st Annual Conference of the Section of Social and Historical Sciences. Abstracts of reports] XXI svitna naukova konferentsiia s'istat'skimi dopovidami i istoricheskimi dokladami. Tomy dopovidel. Cherven', 1966 r. Odesa, 1966. 103 p. (MB)

Paris, Yurii Yuriiovich. [Physiology and pathology of blood circulation and respiration. Materials of a conference] Fiziologiya i patologiia krovotokiv i dихання. Materialy konferentsii. Moskva, 1966. 133 p. (MBC)

[Problems in mapping and regionalization from the viewpoint of engineering geology. Materials of the Fourth Regional Conference on Engineering Geology] Voprosy inzhenerno-geologicheskogo kartirovaniia i regionalizatsiia. Materialy Chetvergogo regional. soveshchaniia po tsim. geologii. Leningrad, 1966. 137 p.

[Problems of the scientific organization of management of socialist industry. (Based on the materials of an all-Union scientific and technical conference)] Problemy nauchnoi organizatsii upravleniia sotsialisticheskoi promyshlennosti. (Po materialam vostochno-ukrainsk. nauch. konferentsii). Kharkov, "Ekonomika," 1966. 647 p.

Kharkovskiy nauchno-issledovatskiy tsentr v sotsialisticheskoi ekonomike na osnovu khimicheskoi i nauch. organizatsii. [Materials of the Fifth Working Conference on the Problems of the Cycle of Substances in a Closed System on the Basis of Vital Activity in Lower Organisms] Materialy. Kiev, "Naukova dumka," 1966. 198 p.

[Termites and their control. (Collection of reports of the Second All-Union Conference on the Study of Termites and Antitermite Measures)] Termity i sposoby bor'by s nimi. (Sbornik dokladov Vostochno-ukrainsk. soveshchaniia po imenitno termity i protivotermitnym meropriятиям). Odr. red. A. M. Lopyrev. Ashkhabad, "Tiyun," 1966. 232 p.

Vostochno-ukrainskiy nauchno-issledovatskiy tsentr v sotsialisticheskoi ekonomike na osnovu khimicheskoi i nauch. organizatsii. [Diagnosis and health resort treatment of hypertension and atherosclerosis. Materials of the All-Union Scientific and Practical Conference, December 1966] Diagnostika i lecheniye boleznei siperkardicheskoi i ateroskleroznoi. Materialy Vostochno-ukrainsk. nauchno-issledovatsk. konferentsii, dekabr' 1966. Khar'kovsk, [1966?]. 160 p. (MBC)

041(73)—United States of America

Mironov, Aleksandr Aleksandrovich. [Organization of science and scientific studies in the U.S.A.] Organizatsiia nauki i nauchnykh issledovaniy v SShA. Moskva, "Znanie," 1966. 82 p.

060 Museum. Permanent collection

009(471.83)—Leningrad City

Oshchepkov, P. F. [The Shilo Hermitage. Through the museum galleries] Oshchepkovskiy Hermitazh. Po shtatu muzeia. Leningrad, "Sov. khudozhnik" [1966]. [80] p. (NIC)

009(471.310)—Moscow City

Trubnikov, Nikolai Vasilyevich [Album of the art collection] Albom khudozhestvennogo fonda. Moskva, "Sov. khudozhnik," 1967. 10 p. 62 L. ill.

009(477.9)—Crimea

Krymska oblastna khudozhestvenna galleriia. [Province Picture Gallery of the Crimea] Krymska oblastna khudozhestvenna galleriia. Kyiv, "Myetstvo," 1966. [80] p. ill. [In Ukrainian and Russian] (MB-FA)

07 Newspaper. Journal

Chernov, Viktor Ivanovich. [Newspaper stereotypes] Gazetnaia stereotipia. Moskva, "Kavkaz," 1966. 118 p.

Novikova, Nina Nikolaevna

[Revolutionaries of 1917. "Vestnik" and its committee during the revolutionary struggle of 1917] Revoliutsionery 1917 goda. "Vestnik" i ego komitet v revoliutsii. bo'bo 1917 g. Moskva, "Nauka," 1966. 342 p.

Shur, Mikhail Markovich

[I know the power of words...] IA znaiu silu slov... Moskva, Politizdat, 1966. 88 p.

1. PHILOSOPHY. METAPHYSICS. PSYCHOLOGY. LOGIC. ETHICS AND MORALS

10 Philosophy

10(44)—France

Deleuze, Gilles. [Modern French philosophy. Historical review from 1780 to our time. Translated from the French] Sovremennaya frantsuzskaia filosofiya. Ist. obozr. ot 1780 g. do nashikh dnei. Pod red. i s vst'p. stat'ei G. A. Khrushcheva. Moskva, "Progress," 1966. 204 p.

100 Marxist philosophy. Dialectic materialism

Barak, L. J. [Dialectics of the cognitive process. Abstracts of a lecture] Dialektika protsessu poznaniia. Konepekt lektsii. 2, 1 upr. i dop. izd. Kiev, 1966. 43 p. (OSR-H)

[Materialistic dialectics and the methods of natural sciences] Materialisticheskaia dialektika i metody estestvennykh nauk. Moskva, "Nauka," 1966. 804 p.

Perelman, Aleksandr Fedorovich. [Dialectics of the absolute and the relative in the laws of conservation] Dialektika absoiutnogo i otnositel'nogo v zakonakh sokhraneniia. Moskva, "Znanie," 1966. 43 p. (Novoe v shtet' nauke, tekhnika. Seria "Filosofia," 10).

Shapoval, Leonid Lvovich. [Dialectical materialism in the interpretation of diseases. (A course of lectures)] Dialektiko-materialisticheskoe tolkovanie bolezni. (Kurs lektsii) Moskva, 1966. 195 p.

113 Cosmology. Philosophy of nature

Trubnikov, Nikolai Vasilyevich. [Life in a starless medium] Zhizn' v bezsvetnoi srede. Moskva, "Nauka," 1964. 82 p. (NIC)

18.3 Psychology

Deleuze, Gilles. [Methodological problems of medical psychology, ethics, and aesthetics] Metodologicheskie problemy meditsinskoi psikhologii, etiki i estetiki. Moskva, "Meditsina," 1966. 170 p.

Kryukov, Valerii Vasilievich. [Discovering the secrets of psychiatry] Razkryvnyi sekry psikhiki. Minsk, "Belarus," 1966. 110 p.

Medina, Nina Konstantinovna. [Psychological principles of the moral education of students] Psikhologicheskie osnovy нравstvennogo vospitaniia uchashchiesia. Moskva, "Mir. shkola," 1966. 110 p.

[Becoming a preschool teacher] Stannoe vospitaniie detskol'shchov. Pod red. A. V. Zagorodina i A. P. Usol't. Moskva, Inst. Akademii pedagogicheskikh nauk NPSR, 1963. 136 p. (MB)

18 LOGIC. THEORY OF KNOWLEDGE. REASONING

[Logic and the methodology of sciences. The Fourth All-Union Symposium, Kiev, June 1966] Logika i metodologiya nauk. IV Vsesoiuznyi simpozium. Kiev, Iun' 1966 g. Moskva, "Nauka," 1967. 340 p.

[Philosophical problems of consciousness and perception] Filosofskie problemy sotsializatsii i poznaniia. Pod red. N. P. Androsova i dr. Novosibirsk, 1961. 335 p. (CHMOH)

188 Theory of knowledge

Barak, L. J. [Dialectics of the cognitive process. Abstracts of a lecture] Dialektika protsessu poznaniia. Konepekt lektsii. 2, 1 upr. i dop. izd. Kiev, 1966. 43 p. (OSR-H)

Gogoberashvili, Yurii Georgievich. [Philosophy of pragmatism] Filosofiya pragmatizma. Tbilisi, "Mekaniatika," 1966. 106 p. [In Georgian] (OU) (MB)

187 Scientific inquiry

[Effectiveness of scientific studies. Translated from the French and English] Effektivnost' nauchnykh issledovaniy. Sbornik stat'ei. Predisl. A. M. Kuznetsova. Moskva, "Progress," 1964. 566 p.

[Logic and the methodology of sciences. The Fourth All-Union Symposium, Kiev, June 1966] Logika i metodologiya nauk. IV Vsesoiuznyi simpozium. Kiev, Iun' 1966 g. Moskva, "Nauka," 1967. 340 p.

Paris, Yurii Yuriiovich. [The probable and the improbable] O veroyatnom i neveroyatnom. Moskva, "Znanie," 1966. 63 p. (Novoe v shtet' nauke, tekhnika. Seria "Filosofia," 10).

17 Ethics. Moral. Conventions

Deleuze, Gilles. [Methodological problems of medical psychology, ethics, and aesthetics] Metodologicheskie problemy meditsinskoi psikhologii, etiki i estetiki. Moskva, "Meditsina," 1966. 170 p.

Medina, Nina Konstantinovna. [Psychological principles of the moral education of students] Psikhologicheskie osnovy нравstvennogo vospitaniia uchashchiesia. Moskva, "Mir. shkola," 1966. 110 p.

2. RELIGION

20 RELIGION IN GENERAL

Kryukov, Valerii Vasilievich. [Origin of religion] Proiskhozhdeniye religii. Moskva, "Znanie," 1966. 46 p. (Novoe v shtet' nauke, tekhnika. Seria "Kosmologiya i religii," 11).

211 Atheism

[Philosophical problems of atheism] Filosofskie osnovy ateizma. Tbilisi, "Mekaniatika," 1966. 221 p. (OU)

215 Antireligious propaganda

[Mass, society, religion] Chelovek, obshchestvo, religii. Moskva, "Mysl'," 1966. 222 p.

26 Christian churches and sects

[The Bible or Holy Scriptures of the Old and New Testaments in Russian translation with parallel quotations] Bibliia, ili Sviateishchennogo Pismu. Velikiy i Novoye Zaveti v russkoi perevodnoy i s'opostavlennoi perekladke. Valley Forge, Jackson Press, [1964]. 1632 p. (NIC)

Osipova, Liliia Pavlovna. [Evangelical Christian Baptists] Evgelicheskie khristianskie baptisty. Bydzhary, Korol. kniz. izd., 1966. 77 p. (OU) (NIC)

Osipova, Liliia Pavlovna. [Meeting in a hiding place] Vstrecha v skryt'kh. [Ukrainian], Verkh. Volyn. kn. izd., 1966. 84 p.

26(71)—Canada

Toronto, Eparchy. [In the vineyard of Christ. Yearbook of the Eparchy of Toronto] U Khrystovim vyvinutakh. Al'manakh Torontovskoi eparkhii. Zbirnyk v 1000 iul'nia Beatty. Toronto, Vyd. Torontovskoi eparkhii, 1966. 763 p. (MB) (MBU)

26 NON-CHRISTIAN RELIGIONS AND CULTS

Kharkovskiy, Mikhail Mikhailovich. [Myths of the creation of the world] Mify o stvoreni'i mira. Moskva, "Znanie," 1966. 60 p. (Novoe v shtet' nauke, tekhnika. Seria "Kosmologiya i religii," 11).

2. SOCIAL SCIENCES. ECONOMICS. LAW GOVERNMENT. MILITARY AND NAVAL SCIENCE. EDUCATION

30 SOCIAL SCIENCES

Kharkovskiy, Mikhail Mikhailovich. [Equipment and work organization in a technical school] Oborudovanie i organizatsiia raboty kachestva obshchestvennogo v professornom i uchitel'skom kolektive. Metod. rekomendatsii. Moskva, "Nauka," 1964. 61 p.

30(477)—Ukrainian S.S.R.

Odesa University. [The 1st Annual Conference of the Section of Social and Historical Sciences. Abstracts of reports] XXI svitna naukova konferentsiia s'istat'skimi dopovidami i istoricheskimi dokladami. Tomy dopovidel. Cherven', 1966 r. Odesa, 1966. 103 p. (MB)

Brovskiy, Aleksandr Bogdanovich and Orlov, Vladimir
[Tosh problem in the U.S.S.R.] Problemy molodezhi v SSSR. Moskva, "Znanie," 1968. 96 p. (Novoe v shkole, nauka, tekhnika. Seriya "Molodezhnaya," 12).

30.07 Young people

30.22 Women

30.22(574)—Kazakhstan S.S.R.
Verbitskaya, Olga Ivanovna [Dokladnaya rabota].
[Cookbook of Kazakh women to the front.
(Labor exploits of women in the industry of Kazakhstan during the Great Patriotic War of 1941-1945)]
Zhenskoye Kazakhstana v frontu. (Tselovye podvigi zhenskoye v prom-sti Kazakhstana v Velikoy Otechestvennoy voine 1941-1945 gg.) Alma-Ata, "Kazakhstan," 1968. 168 p.

300.1 Marxism-Leninism

[Communism and the development of scientific ideology of the masses] Komunisticheskiy formirovaniye nauchnogo mirovozzreniya. Pod red. K. M. Babosova, A. V. Rodionova, A. T. Korotkova. Minsk, "Vyssh. shkola," 1968. 206 p.
(OSR-1)

Krylov, Fedor Grigoriyevich
[Marxist-Leninist training of the intelligentsia]
Marxist-leninskaya uchba intelligentsii. Moskva, "Znanie," 1968. 47 p. (Novoe v shkole, nauka, tekhnika. Seriya "Istoriya i politika KPSS," 18).

[Methodological manual for a course in "Marxist-Leninist philosophy". For correspondence students of the School of Higher Party Education attached to the Central Committee of the CPSU and the universities of Marxist-Leninism] Metodicheskoe posobie k izucheniyu kursa "Marxist-leninskaya filosofiya." Dlya studentov VVPSh pri TsK KPSS i un-ov markizma-leninizma. Moskva, "Mysl'," 1968. 180 p.
Ch. I. [Dialectical materialism] Dialekticheskiy materializm. 1968. 180 p.

300.11 Marx and Engels, their works

Priglasenie, Georgii Mikhailovich
[K. Marx and F. Engels and problems of literature]
K. Marks i F. Engels i voprosy literatury. Izd. 2-a. Moskva, "Knedokh. lit.," 1968. 906 p.

Rozin, Aleksandr Avramovich
[K. Marx and problems of technology] K. Marks i problemy tekhniki. Moskva, "Znanie," 1968. 112 p.

300.46 Socialism and communism

Mikhaylov, Mikhail Mikhailovich
[Socialism and the popular masses] Socializm i narodnyye massy. Moskva, "Znanie," 1968. 84 p. (Novoe v shkole, nauka, tekhnika. Seriya "Molodoye komunisticheskoye," 18).

Mikhaylov, Boris Mikhailovich
[Significance of Lenin's criticism of the "left communism" for building socialism in the U.S.S.R.]
Znachenie leninskoy kritiki "levogo komunisticheskogo" dlya postroyeniya sotsializma v SSSR. [Oroskiy]
Chetvero-lingvostnoye kn. izd., 1968. 80 p.

300.81 Communist democracy

[Principles of scientific communism] Osnovy nauchnogo komunisticheskogo. Moskva, Voenizdat, 1968. 536 p.

300.823 Communism outside the Soviet Union

Priglasenie, Viktor Vladimirovich
[The October Revolution and revolutionary youth]
Velikiy Oktobriy i revoliutsionnaya molodezh'. Leningrad, 1968. 88 p.

300.823 Communism outside the Soviet Union

Priglasenie, Viktor Vladimirovich
[The October Revolution and revolutionary youth]
Velikiy Oktobriy i revoliutsionnaya molodezh'. Leningrad, 1968. 88 p.

300.823 Communism outside the Soviet Union

Priglasenie, Viktor Vladimirovich
[The October Revolution and revolutionary youth]
Velikiy Oktobriy i revoliutsionnaya molodezh'. Leningrad, 1968. 88 p.

308(474.5)—Lithuania S.S.R.
[Ploshch, soviet Litvanskis] Ploshch, Taryba Lietuva. Vilnius, "Mintis," 1968. 278 p. [In Lithuanian]
(MH)

308(477)—Ukraine S.S.R.
[In Kirovograd steppe] V stepakh kirovogradskikh. Dnepropetrovsk, "Promin," 1967. 118 p.
Zor'ko, Y.
[Lvov] L'viv. Lviv. Kyiv, "Myslenko," 1968. 1 v. 1 kn.

308(477)—Austria R. S. F. S. R.
Bykov, Leonid Ivanovich
[Siberian exiles] Sibirskie vstrachi. Novosibirsk, Zap.-Sib. kn. izd., 1968. 184 p.

308(477.04)—Sakhalin Province
Mikhailovskiy, Irina Petrovna
[Faraway island. Stories about Sakhalin. A handbook for students] Dal'niy ostrov. Rukovodstvo o Sakhaline. Posobie dlya uchashchikhsya. Moskva, "Prosvetshenie," 1968. 87 p.
(MHC)

308(478.1)—Uzbek S.S.R.
L'vov, Boris L'vovich, and Givina, Ivan Petrovich
[Rubbish over the epicenter. News story from Tashkent] Raduga nad epitsentrom. Reportazh iz Tashkenta. [Moskva, "Sov. Rossiya," 1968]. 110 p.

308(478.4)—Turkmen S.S.R.
Sherezhko, Vladimir Ivanovich
[R calls and leads on] Miroi i rodit' spazet. Ashkhabad, Turkmen. gos. izd., 1968. 33 p. [In Turkmen]

308(478.4)—Northwest Africa. Egypt and Sudan
Kalisherov, Abdulrahman Kalisherovich
[Roads and exiles] Dorogi i vstrachi. [Dushanbe, "Irfon," 1968]. 306 p.

308(478.4)—Ethiopia
Kalisherov, Abdulrahman Kalisherovich
[Roads and exiles] Dorogi i vstrachi. [Dushanbe, "Irfon," 1968]. 306 p.

308(478.4)—West and North Central Africa
[Oman] Oman. Khuzratul i Ismat M. Birmatshin i dr. Moskva, "Sov. khudozhestvo," 1968. 70 p.
(MH-PA)

308(478.4)—United States of America
Dajkina, Irina Petrovna
[Social drama in the U.S.A. (Failure of the illusion of social well-being)] Sosial'naya drama SSHA (Kritika illuzii sotsial'nogo blagopoluchiya). Moskva, "Znanie," 1968. 81 p. (Novoe v shkole, nauka, tekhnika. Seriya "Filosofiya," 18).

308(478.4)—South America
Podolskiy, Mikhail Mikhailovich
[Moodiness of fire] Gory v ognе. [Leningrad, Leningrad, 1968. 308 p.
(GU) (OOSTU) (U) (MH)

308(478.4)—Indonesia
[Problems of modern Indonesia] Problemy sovremennoy Indonezii. Moskva, "Znanie," 1968. 106 p.

308(478.4)—Australia generally. Malakasia
Podolskiy, Mikhail Mikhailovich
[The Japanese of New Guinea. (The economy and the social system)] Papuany Novoy Gvinei. (Khoz.-ro. obshchestvo. stroi). Moskva, "Znanie," 1968. 306 p.

31 STATISTICS

[Union of Soviet Socialist Foreign trade of the Republics during 1967; a statistical abstract] Vneshtselovnoye torgovye obozrazheniya na 1967 god. Statisticheskiy obzor. Moskva, "Mekhsizdat. obshchestvo," 1968. 212 p.

311 Statistical theory and methods

Kuvshinov, Mikhail Petrovich
[Statistical theory of the denotation of discrete signals] Statisticheskaya teoriya denotatsionnykh signalov. [Moskva, "Svyaz," 1968. 226 p.

Rozovskiy, Aleksandr Yur'evich
[Theory of statistics and statistics of communism] Teoriya statistiki i statistika sotsializma. Moskva, "Svyaz," 1968. 303 p.

Rozovskiy, Oleg Konstantinovich
[Methodology of comparing the economic indices of socialist countries] Metodologiya sravneniya ekonomicheskikh pokazatelei sotsialisticheskikh stran. Moskva, "Mysl'," 1968. 198 p.

312 Demography. Vital statistics

Kovalev, Aleksandr Ivanovich
[How many people will there be on the earth by the year 2000] Skol'ko budet lyudei na Zemle k 2000 godu. Moskva, "Statistika," 1968. 63 p.
[Settlement in cities. (Quantitative features)] Razvitiye v gorodakh. (Kolichestvennyye osobennosti). Sbornik statist. Moskva, "Mysl'," 1968. 216 p.

31 POLITICAL SCIENCE. POLITICS. CURRENT AFFAIRS

Seriy, Vladimir Ivanovich
[Development of the world socialist system into the decisive factor of social progress. A textbook for the students of evening and correspondence schools of higher education on the second chapter of a course in scientific communism] Razvitiye mirovogo sotsialisticheskogo sistema v resheniye faktor sotsialnogo progressa. Ucheb. posobie dlya studentov vechernykh i smesh. vuzov k II kursu. Moskva, "Kommunisticheskaya shkola," 1968. 64 p.

31(479.103)—Communist countries of the world
[The world socialist system and anti-communism] Mirovaya sotsialisticheskaya sistema i antikomunizm. Moskva, "Znanie," 1968. 21 p.

31(479.14)—Azerbaijan S.S.R.
Seriy, Vladimir Ivanovich
[M. F. Akhmedov's political views] Politicheskiye vyzhdy M. F. Akhmedova. Baku, Izd. AN AzerbSSR, 1968. 184 p.

311 The State and society

Krylov, Fedor Grigoriyevich
[Marxist-Leninist training of the intelligentsia]
Marxist-leninskaya uchba intelligentsii. Moskva, "Znanie," 1968. 47 p. (Novoe v shkole, nauka, tekhnika. Seriya "Istoriya i politika KPSS," 18).

311.1 National, popular, mass movements and tendencies

L'vov, Boris L'vovich, and Givina, Ivan Petrovich
[Rubbish over the epicenter. News story from Tashkent] Raduga nad epitsentrom. Reportazh iz Tashkenta. [Moskva, "Sov. Rossiya," 1968]. 110 p.

311.1(478)—Southern Africa (including Rhodesia)
[South African bloc of colonizers] Blokiy kolonizatorov. Moskva, "Znanie," 1968. 198 p.

311.2 Political action, agitation and strife

Priglasenie, Viktor Vladimirovich
[Two worlds and two destinies] Dva sveta - dva doli. Kyiv, Dneps. vyd.-ro polit. lit., 1968. 80 p.
(GU)

311.2(479.104)—Capitalist countries of the world
[The world socialist system and anti-communism] Mirovaya sotsialisticheskaya sistema i antikomunizm. Moskva, "Znanie," 1968. 21 p.

311.2(479.104)—United Kingdom and Northern Ireland
Gorbik, Vladimir Aleksandrovich
[The ruling class and the labor movement in England, 1960-1964] Pravitel'skiy klass i rabocheye dvizheniye v Anglii, 1960-1964. Kiev, "Molodsha dechka," 1968. 186 p.

311.2(479.104)—Central America

Mikhaylov, Mikhail Mikhailovich
[Agrarian question and the problems of the national liberation movement in Latin America. Abstracts] Agrarnyy vopros i problemy natsionalno-osvobodivshogo dvizheniya v stranakh Latinskoj Ameriki. [Moskva, 1968. [The agrarian question and the problems of the national liberation movement in Latin America. Abstracts] Agrarnyy vopros i problemy natsionalno-osvobodivshogo dvizheniya v stranakh Latinskoj Ameriki. Tselnyy. Moskva, 1968. 88 p.
(MHC)

311.2(479.104)—South America

Mikhaylov, Mikhail Mikhailovich
[Agrarian question and the problems of the national liberation movement in Latin America. Abstracts] Agrarnyy vopros i problemy natsionalno-osvobodivshogo dvizheniya v stranakh Latinskoj Ameriki. [Moskva, 1968. [The agrarian question and the problems of the national liberation movement in Latin America. Abstracts] Agrarnyy vopros i problemy natsionalno-osvobodivshogo dvizheniya v stranakh Latinskoj Ameriki. Tselnyy. Moskva, 1968. 88 p.
(MHC)

311.3 Social strata, (income) groups and classes
[Russian peasants] Russkiye krest'yane. [Moskva, "Sov. Rossiya," 1968]. 300 p.

474

Oshchepkin, Lev Viktorovich.
[Economics and technological progress] Ekonomika i tekhnologicheskiy progress. Moskva, "Znanie," 1963. 58 p. (Narodnyi universitet. Tekhniko-ekonomicheskiy fakul'tet, IX.)
[On a joint experience in the building of socialist economy] O kolektivnom opyte stroitel'stva sotsialisticheskoi ekonomiki. Pod red. B. P. Kirovskikh. Moskva, "Mashinostroyeniye," 1963. 45 p.

Pyrie, Victor.
[Economic competition of the U. S. S. R. and the U. S. A. Translated from the English] Ekonomicheskoe soderzhanie SSSR i SShA. Pod red. V. M. Shumberg. Moskva, Izd. Inostran. lit., 1960. 161 p. (RUC)

334(31)—New states

India, Lev Viktorovich and Shama, Sergei Andreevich.
[National democratic states and economic progress] Natsionalno-demokraticheskie gosudarstva i ekonomicheskii progress. Moskva, "Mashinostroyeniye," 1963. 160 p.

334(4/9.103)—Commonwealth countries of the world

Rybakov, Oleg Konstantinovich.
[Methodology of comparing the economic indices of socialist countries] Metodologiya sravneniya ekonomicheskikh pokazatelei stran sotsializma. Moskva, "Mysl'," 1964. 161 p.

334(471.95)—Chechen-Ingush A. S. S. R.

Orskanov, Gennadii Mikhailovich.
[From the history of the industrial development in the Chechen-Ingush A. S. S. R., 1924-1938] In istorii razvitiya promyshlennosti Checheno-Ingushskoi, 1924-1938 gody. [Groznyi] Checheno-Ingushskoe kn. izd., 1963. 48 p. (CM-R)

334(474.3)—Latvia A. S. S. R.

[Sketches on the economic history of Latvia. (1900-1917). From the history of the economic prerequisites of the Great October Socialist Revolution in Latvia] Ocherki ekonomicheskoi istorii Latvii. (1900-1917). In istorii ekonomicheskikh usloviy Velikoi Oktobr'skoi sots. revoliutsii v Latvii. Riga, "Zinatne," 1964. 247 p.

334(477)—Ukraine A. S. S. R.

Ukhachev, Aleksandr Vasilyevich.
[See, ask, and think. (The fast-moving Ukraine)] Videniye, sprashivaniye, razmyshleniye. (Ukraina—vysokoskorostnoye razvitiye). Kiev, Politizdat Ukrainy, 1963. 160 p.

334(73)—United States of America

Park, Victor.
[Economic competition of the U. S. S. R. and the U. S. A. Translated from the English] Ekonomicheskoe soderzhanie SSSR i SShA. Pod red. V. M. Shumberg. Moskva, Izd. Inostran. lit., 1960. 161 p. (RUC)

Pyrie, Victor.
[Economic competition of the U. S. S. R. and the U. S. A. Translated from the English] Ekonomicheskoe soderzhanie SSSR i SShA. Pod red. V. M. Shumberg. Moskva, Izd. Inostran. lit., 1960. 161 p. (RUC)

334(73)—Australia generally. Malaya

Polakov, Nikolai Aleksandrovich.
[The Peoples of New Guinea. (The economy and the social system)] Narodnyy Mirov Otsvet. (Kluchevskiy, A. N.). Moskva, "Mysl'," 1964. 250 p.

334.1 Economics of agriculture. Collective farms. State farms
[Economic problems in the introduction of chemical processes into agriculture] Ekonomicheskiye problemy khimicheskoi sel'skogo khozyaystva. Moskva, "Mysl'," 1963. 480 p.

Kolchinskaya, Nina Vasilyevna, and others.
[Finance and credit in agricultural enterprises] Finansy i kredit v sel'skikh predpriyatiyakh. 2. per. i dop. vyd. Kiev, "Urozhai," 1964. 243 p. (MIR)

Mukhin, M. A. and Iur'yev, A. E.
[Councils of social insurance for kollektives] Sovety sotsial'nogo obespecheniya kollektivov. Moskva, Rossetkhozizdat, 1963. 30 p.

[Monetary resources in socialist economy] Denegnyye resursy v sotsialisticheskoy ekonomike. Moskva, "Znanie," 1963. 78 p. (Narodnyi universitet. Tekhniko-ekonomicheskiy fakul'tet, II.)

Prokof'yev, Vera Georgiyevna.
[Pensions for disabled members of kollektives] Pensii po invalidnosti chlenam kollektivov. (2-e dop. izd.) Moskva, Rossetkhozizdat, 1964. 48 p.

Prokof'yev, Viktor Mikhailovich.
[Working capital of enterprises and credit] Obratnyye sredstva predpriyatiy i kredit. Moskva, "Finansy," 1964. 144 p.

Shimov, Nikolai Ivanovich.
[Economic analysis of agricultural production] Ekonomicheskii analiz proizvodstva sel'skookhozyaystvennoi produktii. [Alma-Ata], 1966. 118 p. (OU)

[Ways to increase the profitability of animal husbandry] Puti povysheniya rentabelnosti zhivotnovodstva. Moskva, "Znanie," 1964. 138 p. (Narodnyi universitet. Tekhniko-ekonomicheskiy fakul'tet, II.)

335.1(471.31)—Moscow Province

Rubtsov, Platon Vasilyevich.
[Wages on enterprises based on the final results of production] Oplova (truda) v svyazii s koncheyt'nymi rezul'tatami proizvodstva. Moskva, Izd. Mosk. univ., 1964. 67 p.

335.1(479.34)—Azerbaijan A. S. S. R.

Muradov, Murad.
[Economics and prospects for developing Azerbaijan] Ekonomika i perspektivy razvitiya Azerbaydzhana. Baku, Azerbaidzhan'skoye gosizdat, 1960. 245 p. (GosYTU) (VIU)

335.1(575.3)—Tajik A. S. S. R.

Dostanov, Sharif.
[Economics and cooperative property of Tajikistan at the present stage] Kollektivno-kooptativnaya sobstvennost' Tadzhikistana na sovremennom etape. Dushanbe, "Irfon," 1964. 77 p. [In Tajik]

335.4 Forms of production. Distribution of industry

Novik, Georgiy Vladimirovich, and others.
[Increasing the profitability of mines] Povysheniye rentabelnosti rudnykh predpriyatiy. "Promysl," 1967. 81 p.

335.5 Factors of production. Form of economy, etc.

[Economic aspects of the food industry of the U. S. S. R.] Ekonomika pishchevogo promyshlennosti SSSR. Pod red. M. V. Vinogradova. Moskva, "Pishchevaya prom-st'" 1964. 878 p.

Prutis, R. I. A.

[Industry and transport on the eve of the 30th anniversary of the Great October] Promyshlennost' i transport k 30-letiyu Velikoi Oktobr'skoi. Tbilisi, "Mekhoba Sakartvelo," 1967. 38 p.

335.5(471.95)—Chechen-Ingush A. S. S. R.

Orskanov, Gennadii Mikhailovich.
[From the history of the industrial development in the Chechen-Ingush A. S. S. R., 1924-1938] In istorii razvitiya promyshlennosti Checheno-Ingushskoi, 1924-1938 gody. [Groznyi] Checheno-Ingushskoe kn. izd., 1963. 48 p. (CM-R)

335.6 Capital. Labor. Raw materials. Mineral energy

335.6(571.17)—Kemerovo Province
Orskanov, Gennadii Mikhailovich, and others.
[Economic geography of the Kemerovskiy Basin: textbook for 8th grade students] Ekonomicheskaya geografiya Kuznetskoi bassey. Pochva dlya razrabotki 8-ikh klassov. Izd. 2, izm. i dop. [Kemerovo] Kemerovskoye kn. izd., 1963. 84 p. (MIR)

335.6 Distribution, consumption of wealth or goods, standard of living, etc.

335(73)—United States of America
Dalich, Irina Fedorovna.
[Social drama in the U. S. A. (Failure of the illusion of social well-being)] Sotsial'naya drama SShA (Khranilishche sotsial'nogo blagopoluchiya). Moskva, "Znanie," 1963. 31 p. (Sveta v shkol, shkola, tekhnika. Seriya "Voprosy," 124)

34 JURISPRUDENCE. LAW. LEGISLATION

Yuridicheskoye.

[Papers of the Annual Conference of the Faculties of Law, December 1963] Sbornik dokladov nauchnoy konferentsii yuridicheskikh fakul'tetov, dekabr' 1963 g. Tomsk, 1964. 179 p. (OS-R)

34(471)—Russian Soviet Federated Socialist Republic (R. S. S. R.)

[Classified collection of laws of the R. S. S. R., decrees of the Presidium of the Supreme Soviet of the R. S. S. R., and decisions of the government of the R. S. S. R.] Sistematicheskoye sobraniye zakonov RSFSR, ukazov Prezidiuma Verkhovnogo Soveta RSFSR i resheniya Pravitel'stva RSFSR. Moskva, "Yurid. lit., T. 8, 1964. 487 p.

340.5 Female medicine and chemistry. Medical hygiene
Lavak, Aleksandr Samoilovich.
[Elements of programmed training in female medicine] Elementy programmirovannogo obucheniya v kursakh sudebnoi meditsiny. Ucheb.-metod. rukovodstvo. Stavropol', 1964. 308 p.

341.123 United Nations

Chelpanov, Yura Levitsky.
[Publications of the United Nations and its specialized agencies. A review for 1964-1965] Publikatsii Organizatsii Ob'edinyayushchey Miroi i ee spetsializirovannykh uchrezhdenii. Obzor za 1964-1965 gg. Moskva, "Mysl'," 1964. 480 p.
[UNESCO paleontological relations to South America, the Mediterranean and Middle East. Translated from the English] Paleontologicheskiye svyazi IUNsko v sverkh Iuzhnoi Ameriki, srednei Evropy i srednei Vostoka. Pod red. M. V. Shchegoleva. Moskva, "Mysl'," 1964. 100 p. (RUC)

342 Public law. Constitutional law

Lavov, Aleksandr Viktorovich.
[The Soviet state in the service of national interests] Sovetskoye gosudarstvo na sluzhbu natsionalnykh interesov. Moskva, "Znanie," 1963. 21 p. (Mysl' v shkol, shkola, tekhnika. Gosudarstvo i pravo, 10.)
[Scientific principles of governmental administration in the U. S. S. R.] Nauchnyye osnovy gosudarstvennogo upravleniya v SSSR. Moskva, "Mysl'," 1964. 438 p.
Tsvetkov, Viktor Vasilyevich.
[Soviet constitutional law] Russkoye gosudarstvennoye pravo. [Kiev, Vyd-vo Kyivskogo univ., 1964. 402 p.]
Yurkin, V. A.
[History of the government offices of the U. S. S. R., 1938-1960. A textbook] Istoriya gosudarstvennykh uchrezhdenii SSSR, 1938-1960 gg. Uchebnoye posobie. Red. S. I. Kog'ev. Moskva, 1964. 367 p.
[The 23d Congress of the CPSU and problems of the development of the Soviet state] XXIII s'ezd KPSS i voprosy gosudarstvennogo stroitel'stva. Moskva, "Mysl'," 1964. 284 p.

342.34 Federalism

342.34(5)—Asia
Orskanov, Vladimir Georgiyevich, and Strashin, Boris Aleksandrovich.
[Federalism in the developing countries. Asia and Africa] Federalizm v razvivayushchikhsya stranakh Azii i Afriki. Moskva, "Mashinostroyeniye," 1964. 234 p.

342.34(8)—Africa

Orskanov, Vladimir Georgiyevich, and Strashin, Boris Aleksandrovich.
[Federalism in the developing countries. Asia and Africa] Federalizm v razvivayushchikhsya stranakh Azii i Afriki. Moskva, "Mashinostroyeniye," 1964. 234 p.

343 Criminal law

[Effectiveness of criminal law measures for crime prevention] Effektivnost' upravnivnykh sredstv s prevencionnoy. Pod red. D. S. Mikhomova. Moskva, "Yurid. lit., 1963. 235 p.

343(575.1)—Uzbek S. S. R.

[Original code of the Uzbek S. S. R. with amendments and additions as of July 1, 1964] Ugolovnyi kodeks Uzbekskoi SSR s izmeneniyami i dopolneniyami na 1 iulya 1964 g. Tashkent, "Uzbekistan," 1965. 238 p. [In Uzbek]

343.1 Criminal procedure

Prokof'yev, Nikolai Ivanovich.
[Pretrial questioning in Soviet criminal procedure and criminology] Dopyros v sovetskom upravnom protsessue i kriminologii. Pod red. A. E. Rukhova. Minsk, "Vysheish. shkola," 1963. 274 p.

343.31 Penitentiary and prison institutions

Muradov, Murad Viktorovich, and others.
[Effectiveness of the work of corrective labor establishments] Effektivnost' deyatelnosti ispravitel'nykh uchrezhdenii. Moskva, "Yurid. lit., 1964. 183 p.

343.88 Crime prevention
[Effectiveness of criminal law measures for crime prevention] *Effektivnost' ugolovnopravovykh mer bor'by s prestupnost'yu*. Pod red. B. E. Nikiforova. Moskva, "Türk. H.", 1962. 258 p.

343.8 Criminals
Petrov, Nikolai Ivanovich.
[Pretrial questioning in Soviet criminal procedure and criminology] *Dopros v sovetskom ugolovnom protsessе i kriminalistika*. Pod red. A. R. Rabinova. Moskva, "Vysshaya shkola," 1962. 274 p.

343.818 Juvenile delinquency
Prokhor, Vera Sergeevna.
[Commentaries to the regulations on the commission on juvenile affairs] *Kommentarii k Polozheniyu o komissii po delam nesovershennoletnikh*. Moskva, "Türk. H.," 1962. 144 p.

347.42 Private law. Civil law
[Civil code of the U.S.S.R. Official text with a supplementary index to the articles] *Grashdanitski kodeks USSR. Ofits. tekst s pril. poslatnostsistematich. materialov*. Izd. 2-e s izm. Moskva, "Türk. H.," 1962. 272 p.

347.77 Patent and trademark rights, etc.
Mikhail, Iosif Abramovich.
[Legal problems relating to inventions] *Pravovye voprosy izobretenstva*. Leningrad, Leningrad, 1962. 103 p.

Rozinskiy, Gavril Ivanovich.
[The patent system of the U.S.A. (Practice in examining claims and interpreting patent formulas)] *Patentnaya sistema Sоединennykh Shostov Ameriki. (Praktika razmatrivaniya zayavok i tolkovaniya patentnykh formul)*. Pod red. V. A. Popova. Moskva, "Nauka," 1962. 101 p.

347.81 Civil procedure
[Civil procedure] *Grashdanitski protsess*. Otr. red. M. A. Chechkin i D. M. Chechkin. Moskva, "Türk. H.," 1962. 443 p.

Vorobey, Gerasim Vasil'ovich.
[Decisions of the court of first instance in civil procedure. (A textbook)] *Osnovnye voprosy pervoy instantsii v sovetskoy grashdanitskom protsessе*. (Uchebnoye posobie). Saratov, 1962. 118 p.

347.943 Public prosecutor
Moskova, Lidia Aleksandrovna, and Tikh, Yuri Nikolayevich.
[Community and the prosecutor's office. (Based on materials of the general direction of public prosecution) *Obshchestvennost' i protsatura*. (Po materialam obshchestvennoy praktiki organov protsatury). Leningrad, Izd. Leningr. un-ta, 1962. 46 p.

347.943(4/9.103)—Communist countries of the world
[Laws of the socialist countries on the supervisory functions of public prosecutors] *Zakonodatel'svo sotsialisticheskikh stran o prokuratorskom nadzore*. Dushanbe, "Irina," 1962. 246 p.

38 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW

Krasnaya, Nikolai Petrovich.
[History of the origins of governmental administration in pre-revolutionary Russia] *Istoria gosudarstvennykh upravleniy dorevolyutsionnoy Rossii*. Izd. 2-e, izpr. i dop. Moskva, "Vysshaya shkola," 1962. 248 p.

Kulikov, Vladimir Vasil'ovich.
[Administrative legislation on the rights and responsibilities of Soviet citizens. A textbook] *Administrativnoe zakonodatel'svo o pravakh i obyazannostyakh sovetskikh grazhdan*. Uchebnoye posobie. Moskva, 1962. 79 p. (Narodnyi universitet. Fakul'tet pravovykh nauk, 15).

[Scientific principles of governmental administration in the U.S.S.R.] *Nauchnye osnovy gosudarstvennogo upravleniya v USSR*. Moskva, "Nauka," 1962. 436 p.

[The 13th Congress of the CPSU and problems of the development of the Soviet state] *XIII s"ezd KPSS i voprosy gosudarstvennogo stroitel'stva*. Moskva, "Mysl'," 1962. 224 p.

347.74 Police, civil guard, political police, state secret police, etc.
[A special section] *Osnovnye zadachi*. Moskva, "Mok. nashchik," 1962. 323 p.

347.83 Economic legislation and control, agriculture, trade and industry
Shkharov, Petr Dmitriyevich.
[Land tenure laws of the U.S.S.R.] *Zemel'nopravnyye protsessy v USSR*. Moskva, "Türk. H.," 1962. 186 p.

347.83 Labor legislation and control
[Brief legal handbook for trade-union activists] *Kratkiy krugovozvratnyi spravochik v pomoshch' profsodtva*. (Moskva, Profsoed, 1962. 416 p.)
[Expertise for the capacity for work in occupational diseases] *Ekspertiza trodosposobnosti pri professio-nal'nykh zabolevaniyakh*. Pod red. K. P. Molodtsova i dr. Moskva, "Meditsina," 1962. 407 p.

Petrov, Aleksandr Vasil'ovich.
[Labor rights and responsibilities of employees in vocational and technical education] *Trodivnye prava i obyazannosti rabotnikov professio-nal'no-tekhnicheskogo obrazovaniya*. Moskva, "Vysshaya shkola," 1962. 180 p.
[Problems of labor law] *Problemy trodivnogo prava*. Moskva, "Türk. H.," 1962. 224 p.

347.86 Public education, enlightenment and culture. Encouragement of science and the arts, etc.
Artyukovskiy, Ilya Ivanovich, and Shchegolev, Boris Vladimirovich.

[The party and scientific and technological progress] *Partiya i nauchno-tekhnicheskii progress*. Moskva, "Nauka," 1962. 43 p. (Doklady vkhodit, nauka, tekhnika. Seriya "Tekhnika," 13)

347.86(477)—Ukrainian S.S.R.
[Soviet Ukrainian culture] *Ukrainska kultura na khat' tary. Ukrainska kultura. Kyiv, Derzh. vyd-vo polit. lit. USSR, 1962. 223 p. (Osvitu) (M)*

347.87 Administration of justice

347.87(4/9.103)—Communist countries of the world
[Laws of the socialist countries on the supervisory functions of public prosecutors] *Zakonodatel'svo sotsialisticheskikh stran o prokuratorskom nadzore*. Dushanbe, "Irina," 1962. 246 p.

347.943 Local government. Municipal administration
[Problems of the work of the soviets of workers' deputies] *Voprosy raboty sovetov deputatov trodivnicheskikh*. Moskva, "Izvestiya," 1962. 94 p.
Vasilev, Yurii Konstantinovich.
[Sessions of local soviets] *Sessii mestnykh sovetov*. Moskva, "Türk. H.," 1962. 70 p.

347.943(477.81)—Chaybansk Province
Vasilev, Yurii Konstantinovich and Rukhovichskiy, A. Lavdovskiy.
[Livable activity. Experience in the development of public participation in the work of the local soviets of Chaybansk Province] *Chaybanskaya dolo. Is opyt razvitiya obshchestvennykh metodov v rabote mestnykh sovetov Chaybanskoy oblasti. (Chaybansk, Tuzhno-Ural'skaya ka. Izd., 1962. 71 p. (Osvitu) (M)*

347.943(477.81)—Lithuanian S.S.R.
[For the deputies about the work of the Soviets] *Deputatams, o rabote sovetov*. Izd. 2, izpr. i dop. Vilnius, "Mintis," 1962. 103 p. (M)

347.943 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES
Gerasimov, Nikolai Nikolayevich.
[Military motor transport troops] *Voennoye avtomobil'stvo*. Moskva, Izd. DOKAAP, 1962. 84 p.
Shkharov, Petr Dmitriyevich.
[Album of the art collection] *Album khudozhestvennogo fonda*. Moskva, "Izv. khudozhestv." 1967. 16 p. 21 l. ill.

347.943(477.81)—Capitalist countries of the world
[Organization and armament of the armies and series of capitalist nations] *Organizatsiya i voprosy armii i flotov kapitalisticheskikh gosudarstv*. Pod red. R. I. Surgenov. Izd. 2-e, dop. Moskva, Voenizdat, 1962. 606 p.

347.943 Army and navy etc. Tradition. Uniform, etc.
[Disciplinary regulations of the Armed Forces of the U.S.S.R.] *Distsiplinarnyye ukaz Voennoy armii i flota SSR*. Moskva, Voenizdat, 1962. 48 p.

347.943 Political education and training of military personnel. Communist Party and the armed forces
[Party and political work in the Soviet Armed Forces] *Partiino-politicheskaia rabota v Sovetskikh Voenno-voennoykh silakh*. Izd. 2-e, pereizdat. Moskva, Voenizdat, 1962. 280 p.

Petrov, Iurii Vasil'ovich.
[The building of political agencies, party and Communist organizations of the army and navy. (1918-1962)] *Stroitel'stvo politkorgasov, partiynykh i kommunisticheskikh organizatsii armii i flota*. (1918-1962). Moskva, Voenizdat, 1962. 643 p.

347.943 General organization of the forces
[State of combat glory. Sketches, reminiscences] *Zvezdy doblaysh boevoy. Ocherki, vospominaniya*. [L'vov, "Kamensk," 1962] 451 p.

347.943 Operations of war. Tactics and strategy
[The Siberian union. A book of documentary sketches] *Sibirskiy soyu. Kniga dokumentov*. Novosibirsk, Exp. - 20. kn. Izd., 1962. 202 p.

347.943 Military training. Exercises. Drills
"Dzupr," Moskva, Voenizdat, 1962. 126 p. 21 l. ill.

347.943(477)—Ukrainian S.S.R.
[Historical sketch on the Yel'tsinograd Cavalry School with recollections of its alumni dedicated to the centennial of the foundation of the school] *Istoricheskiy ocherk Yel'tsinogradskogo kavaleristicheskogo uchilishcha s vospominaniyami pionirov shkol'y k stoletiyu so dnya osnovaniya uchilishcha*. New York, Izd. Ob'edineniya b. iuzkoy Yel'tsinogradskogo kav. uchilishcha, 1964. xii, 229, 8 p. (M)

347.943 Civil Defense
Moskova, Lidia Aleksandrovna.
[Civil defense in a rural area] *Grashdanitska oborona na selo*. 2-e izd. Moskva, Izd. DOKAAP, 1962. 22 p.

347.943 Administrative and auxiliary services
[Materials on the history of the medical service of the Russian Navy. Second half of the 19th and beginning of the 20th century. (1850-1917)] *Materialy po istorii meditsinskoy sluzhby rossiyskogo voenno-morskogo flota. Vtoroy poloviny XIX i nachala XX veka*. (1850-1917). Moskva, "Meditsina," 1962. 226 p.

[The service troop of the Soviet Army] *Troly sovetskoy armii*. Moskva, Voenizdat, 1962. 220 p.

Vasilev, Yurii Konstantinovich and Shkharov, Nikolai Vasil'ovich.
[Military field surgery. Manual for doctors and students] *Voennopolovna khirurgiya. Rukovodstvo dlya vrachei i studentov*. Izd. 2-e, dop. i izpr. Moskva, "Meditsina," 1962. 223 p.

347.943 Artillery and armor

Shkharov, Petr Dmitriyevich.
[Thinks in war] *Tshki na voyna*. Izd. 2-e, pereizdat. 1 dop. Moskva, Izd. DOKAAP, 1962. 78 p.

347.943 Air force
[Air defense units of our country. Historical sketch] *Voiska protivovozdukhnoy oborony strany*. Ist. ocherk. Moskva, Voenizdat, 1962. 436 p.

Rukhovichskiy, A. Lavdovskiy.
[The strategy of war] *Dynamo voyny*. Sverdlovsk, Izd. - Ural'skaya ka. Izd., 1962. 320 p.

Shkharov, Konstantin Nikolayevich.
[Knight of the Leningrad sky] *Rytmar' Leningradskogo neba*. Leningrad, 1962. 40 p.

[The Soviet Air Force in the Great Patriotic War, 1941-1945] *Sovetskaya Voennno-Vozdukhaya Sila v Velikoy Otechestvennoy voine*. 1941-1945 gg. Moskva, Voenizdat, 1962. 481 p.

368 Navy

[Materials on the history of the medical service of the Russian Navy. Second half of the 19th and beginning of the 20th century. (1850-1917)] *Materialy po istorii meditsinskoi sluzhby russkogo voenno-morskogo flota. Vtoroi poloviny XIX i nachala XX veka. (1850-1917).* Moskva, "Meditsina," 1968. 234 p.

Terpovskii, Georgii Vladimirovich.
[Sailors in the battles for Moscow. 1812, 1941]
Voenno-morskiy v bitvakh za Moskvu. 1812, 1941. Moskva, "Morskoi," 1941. 103 p.

369 SOCIAL RELIEF AND WELFARE. INSURANCE

369.1 Medical (health) services. Hospitals, clinics, sanatoria, spas, etc.
Mirgulyuk, Nina Markovna.
[Nurse's work in a ward of newborn infants]
Rabota sestry v palate novorozhdennykh. Bd. 3-4. Moskva, "Meditsina," 1968. 172 p.

Mytinskii, G. V.
[Experience in rendering medical services for the rural population by a regional hospital] Opyt meditsinskogo obsluzhivaniia sel'skogo naseleniia kraevoi bol'nitsy. Moskva, "Meditsina," 1968. 73 p.

Koboleva, Lidiya Pavlovna, and others.
[Nursing education in connection with dispensary services for the population] Stanitsa prosvetitel'skikh i sotsial'nykh sluzhby v svyazi s dispansernymi sluzhbyami. Moskva, In-t sotsial'nogo prosveteniia Ministerstva zdorov'ia SSSR, 1968. 64 p. (DML4)

369.1(474.3)—Kazakhstan S.S.R.
Kryukov, Kirill Pavlovich.
[Nurse-Master Elena Mezentseva] Kurort Narva-Mezentseva. Tashkent, "Ezhi razmat," 1968. 86 p.

369.1(477)—Ukraine S.S.R.
Zimskii, Mikhail Markovich, and Gavrilova, Elena Mykhailovna.
[Health resorts in Kharkov Province] Zdravitsy Kharkovskoiy. Putevoditel'-apravodnik. Kharkov, "Prapor," 1968. 33 p.

369.6 Welfare of aged, infirm and sick
[Experience for the capacity for work in occupational diseases] Opyt po sposobnosti k rabote pri profesio-nal'nykh zabolevaniyakh. Pod red. K. P. Molokanov i dr. Moskva, "Meditsina," 1968. 401 p.

369.4 Social insurance. Workmen's insurance

Mitko, M. A. and Pukov, A. K.
[Consolidation of social insurance for kollektivists]
Soyuz spetsial'nogo obshchestva kollektivizirov. Moskva, Rossiiskhizdat, 1968. 30 p.

Prokof'eva, Vera Gavrilovna.
[Insurance for disabled members of kollektives]
Pensii po invalidnosti chlenov kollektivov. (3-e dop. izd.) Moskva, Rossiiskhizdat, 1968. 46 p.

Rudakov, K. I.
[Social insurance in the U.S.S.R.] Sotsial'noe strakhovanie v SSSR. Moskva, Vyp. 2. Pod red. M. A. Vlasovskogo. 1968. 30 p.

37 EDUCATION

Ushakov, Evgenii Pavlovich.
[Selected pedagogic works] Izbrannyye pedagogicheskie proizvedeniya. Moskva, "Prosvetshenie," 1968. 397 p.

37(87)—Austria R. & P. & R.

Shashkov, F. F.
[Schools of Western Siberia between two bourgeois-democratic revolutions (1907-1917)] Shkola Zapadnoi Sibiri mezdu dvumia burzhuazno-demokraticheskimi revoliutsiyami (1907-1917 gg.) Tomsk, Izd. Tomskogo univ., 1968. 190 p. (Mh)

37(87.1)—Uzbek S.S.R.

Kochary, V. T.
[From the history of the organization and development of national education in pre-revolutionary Uzbekistan, 1944-1947] Iz istorii organizatsii i razvitiia narodnogo obrazovaniia v dorevoliutsionnoi Uzbekistane 1944-1947 gg. Oty. red. S. P. Rudakov. Tashkent, "Fax," 1948. 133 p. (DML)

37(87.4)—Turkmen S.S.R.

Karrey, Aba Abalyevich.
[History of schools of Chardzhou Province] Istoriia shkol Chardzhovskoi oblasti. Ashkhabad, Turkmenpedgiz, 1962. 118 p. (Mh)

370.17 Communist education

Devitov, Vera Mikhailovna.
[Centers of mass political propaganda] Tsentry massovo-politicheskoi propagandy. Moskva, Politizdat, 1968. 64 p.

370.17(87.3)—Kirghiz S.S.R.

Brudichov, Abdykhal.
[Participation of the intelligentsia of Kirghizistan in the communist education of workers. (1944-1946)] Uchebnye iatel'nye Kirgizi v komunisticheskoe vospitani trudoobshchestva. (1944-1946 gg.) Frunze, "Kyrgyzstan," 1968. 74 p.

371.1 Management. Teaching staff

Devitov, Vera Mikhailovna.
[Labor rights and responsibilities of employees in vocational and technical education] Trudovye prava i obiazannosti rabotnikov professio-nal'no-tekhnicheskogo obrazovaniia. Moskva, "Vyssh. shkola," 1968. 168 p.

371.6 Teaching and training rooms and equipment

Rashchinskii, Mikhail Evgenovich.
[Experience and work organization in a studyroom for social sciences in vocational and technical schools] Opyt organizatsii i organizatsii raboty kabinetov sotsial'nykh nauk v professio-nal'no-tekhnicheskikh shkolakh. Metod. rekomendatsii. Moskva, "Vyssh. shkola," 1968. 61 p.

372 Practical and elementary or primary education

Mental (training of young children) Osnovnye voprosy obshchestvenno-pedagogicheskoi podgotovki detei. Pod red. E. I. Rudnik. Moskva, "Prosvetshenie," 1968. 340 p.

[Secondary training of preschool children] Sekundarnoe vospitaniye detei shkol'nikov. Pod red. A. V. Zaporozhskoi i A. P. Usorov. Moskva, Izd. Akademi pedagogicheskikh nauk SSSR, 1968. 226 p. (Mh)

Vysshina, Mariya Aleksandrovna.
[Mental development of a child] Mental'noe razvitiye rebenka. Moskva, "Prosvetshenie," 1968. 48 p.

373.6 Technical and vocational institutes, polytechnical institutes

Tal'chinskii, Lev Evgenovich.
[Financial problems of vocational education in the U.S.S.R. (in schools, technical schools, and schools of higher education)] Finansovyye problemy professio-nal'nogo obrazovaniia v SSSR (v shkolkh tekhnicheskikh, tekhnicheskikh, vysshikh). Pod red. N. A. Olsanskai. Moskva, "Finansy," 1968. 176 p.

378 Higher education. Universities, colleges, academies

Chokhlovskii, Evgenii Vasil'ovich.
[Criteria for selection of specialists with higher qualifications in the U.S.S.R. and in capitalist countries] Kriyteria dlia vybora spetsialistov vyssh. kvalifikatsii v SSSR i kapitalist. stranakh. Moskva, "Vyssh. shkola," 1968. 317 p.

[In place of the Leningrad conservatory] V mesto plemeni khramov Leningradskoi konservatorii (M. L. Golshteyn, M. E. Poretskii, S. I. Grynshchik, P. A. Serdyukov, M. A. Khramov). Sbornik statii. Pod red. L. A. Kharinova. Leningrad, "Muzika," 1968. 186 p.

378.12 Alexander Pushkin

[Teaching belles-lettres. (Current problems in the teaching of belles-lettres in schools of higher education). A manual for students and teachers in higher colleges] O prepodavanii khudozhestvennoi literatury. (Aktual'nye problemy prepodavaniia khudozhestvennoi literatury v vyssh. shkolakh). Ucheb. posobie dlia studentov i prepodavatel' ped. un-ov. Moskva, 1968. 382 p.

37(87.38)—Armenia S.S.R.

Yul'inskiy, Mikhail Gavrilovich.
[Collection of studies of the Yulia Institute of Advanced Training of Physicists] Sbornik nauchnykh rabot. Tbilisi, 1968. 360 p. (DML)

38 COMMERCE. TRADE. COMMUNICATION

Golovinskiy, Petr Prokof'evich.
[Economics and planning for Soviet trade] Ekonomika i planirovaniye sovetskoi torgovli. Kiev, "Tekhnika," 1968. 257 p.

383 Foreign trade

[Union of Soviet Socialist Foreign trade of the Republic during 1967, a statistical abstract] Vneshniiy torg vika SSSR za 1967 god. Statisticheskii sbornik. Moskva, "Mashinonar. obozretie," 1968. 213 p.

383(4/9.103)—Communist countries of the world

Segin, Mikhail Vasil'ovich.
[Development of international economic ties. Theoretical and methodological problems of deriving international economic ties of socialist states] Razvitiia mezhnatsional'nykh svyazey sots. gosudarstv. Moskva, "Mysl," 1968. 178 p.

383(4.0)—European capitalist countries

Torgovo-politicheskie svyazi evropeiskikh kapitalisticheskikh stran. [Moskva] 1968. 131 p. [Moskva] Inostrannoi kommercheskoi informatsii, prikladae no. 16.

[Trade policy regimes of the European capitalist countries] Torgovo-politicheskie svyazi evropeiskikh kapitalisticheskikh stran. [Moskva] 1968. 131 p. [Moskva] Inostrannoi kommercheskoi informatsii, prikladae no. 16.

383(50)—Turkey

Kireev, Mikhail Gavrilovich.
[National and foreign capital in the foreign trade of Turkey] Natsional'nyi i inostrannyi kapital vo vneshnei torgovii Turtsii. Moskva, "Mysl," 1968. 188 p.

383/384 COMMUNICATIONS (ECONOMIC ASPECTS ONLY)

383/384(87.1)—Uzbek S.S.R.

Margel'da, D. I.
[Transport and communications in Uzbekistan] Transport i svyaz' Uzbekistana. Tashkent, "Uzbekistan," 1968. 97 p.

388/388 Transport (economic aspects only)

[Basic theoretical problems of general transportation statistics on freight movement] Osnovnye teoreticheskie voprosy obshchestvenno-statisticheskoi perspektivy razvitiia. Pod obshch. red. L. V. Koshkova i V. I. Dushova. Moskva, "Transport," 1968. 120 p.

388.1 Industry and transport on the eve of the 80th anniversary of the Great October

[Transport k 80-letii Velikogo Oktabria] Prosvetshenie i transport k 80-letii Velikogo Oktabria. Tbilisi, "Nabokha Shkuritelo," 1967. 30 p.

388.12 Freight transportation in a consumer's cooperative

[Freight transportation in a consumer's cooperative] Perevozki tovarov v potrobitel'skoi kooperatsii. Moskva, "Ekonomika," 1968. 168 p.

388/388(87.1)—Uzbek S.S.R.

Margel'da, D. I.
[Transport and communications in Uzbekistan] Transport i svyaz' Uzbekistana. Tashkent, "Uzbekistan," 1968. 97 p.

388 Railways

Vlasovskii, Mikhail Gavrilovich.
[Financing and leasing credit to railroads] Finansirovaniye i kreditirovaniye shassaynykh dorog. Bd. 4-6, pererabot. i dop. Moskva, "Transport," 1968. 220 p.

388 Canal and inland waterways

Artem'ev, S. P.
[Selecting ship types for the merchant marine. (Principles of the methodology of technical and economic justification)] Vybór tipov sudov (transportnogo flota). (Osnovy metodiki tekhnicheskoi i ekonomicheskoi obosnovaniia). Moskva, "Transport," 1968. 230 p. (Moscow, Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i organizatsii vodnogo transporta Trudy, vyp. 50).

Yul'inskiy, Mikhail Gavrilovich.
[Finance of river transport] Finansirovaniye transporta. Moskva, "Transport," 1968. 243 p.

333.3 *Standardization*
[List of technical conditions] *Peredachi' tekhnicheskikh uslovii*. Moskva, Izd. standartov, Ch. 1, 1943. 344 p.
[Reduction of processing time for standards] *Sokrasheeniye strokov razrabotki standartov. Informatsionnoye svedeniye o materialakh razrabotki standartov*. Moskva, Izd. standartov, 1943. 23 p.

39 ETHNOGRAPHY. CUSTOM AND TRADITION. FOLKLORE. SOCIAL ANTHROPOLOGY

Artel, Yuri Andreevich.
[Lovely things to our good people. Stories about skilled Russian folk artists.] *Dobryye liudi na zapadnoy strane. Russkiye o masterakh russkogo narodnogo iskusstva*. [Moskva, "Det. lit.," 1944] 173 p. (MID)

39(479.23)—Georgia S. S. R.

Kutikidze, Kozimashvili.
[Folk ballads of Imeretian peasants. Based on ethnographic material. Krasn'ye ianushki used to be honored. Po etnograficheskim materialam. Tbilisi, Mezhdunarodnaya, 1944. 140 p. [In Georgian] (MID)

398 Women and society. Feminism

398(479.3)—Tajik S. S. R.

Boikova, Roza.
[Daughters of Soviet Tajikistan] *Docheri Sovetskogo Tadzhikistana*. Dushanbe, "Trud," 1947. 61 p. [In Tajik]

398 Folklore

Podolsky, Boris.
[For play and study. Fifth booklet of puzzles] *Dlia razvitiya i nauki. P'iataya knizhchitsa zagadok*. Tver, Obshchestvenno-izdatel'skaya podkhozha v Knazhi, 1944. 61 p. (OCI)

Strizhev, Aleksandr Nikolaevich.
[On magic herbs, signs and some superstitions] *O volchebnykh travakh, znamenakh i nekotorykh superstitsiyakh*. Moskva, "Znanie," 1944. 31 p. (Novoe v zhizni, nauka, iskusstvo. Seriya "Kul'turno-nauchnye i religioznye")

Ushakov, Boris Dmitrievich.
[Folklore in the notebooks of D. M. Mamontov-Mamontov] *Fol'klor v zapisknykh knizhchitsakh D. M. Mamontova-Mamontova*. Sverdlovsk, Sredne-Uralskoe kn. izd., 1944. 60 p. (MID)

398(44)—France

Perchot, M. M., 40224
[French proverbs and sayings. Textbook for pupils in higher grades] *Posobie dlia uchivshis' shkolnikov*. Kiev, "Rad. shkola," 1943. 123 p. (OCI)

398(471.23)—Byelorussian Province

[Oral folklore of Byelorussian Province] *Usknoye narodnoye troistvo Belorusskoi oblasti*. Moskva, "Prosvetshenie," 1943. 118 p. (Byelorussian. Gosudarstvennyi pedagogicheskiy institut. Uchebnye zapiski, t. 38)

398(471.64)—Khabardino-Balkar A. S. S. R.

[Balkar proverbs, sayings and riddles] *Balkarskie posloviyey, pogovorki i zagadki*. Mal'bek, [Khabardino-Balkarskoe kn. izd.], 1947. 208 p. [In Balkar] (MID)

[Chechen, Khabardian folk tales] *[Chechen, Khabardianskiye narodnye skazki. Zapiski i obrabotka Azida Tsozberidze]*. Krasnodar, Mal'bek, [Khabardino-Balkarskoe kn. izd.], 1943. 61 p. [In Khabardian] (MID)

[Khabardian proverbs] *Khabardianskiye posloviyey*. Soet. Karasak Karchuganov & Abubekir Oskoskova. Mal'bek, [Khabardino-Balkarskoe kn. izd.], 1946. 200 p. [In Khabardian] (MID)

398(479.23)—Georgia S. S. R.

[Georgian proverbs] *Gruzinskiye posloviyey*. Soet. Tbilisi, Literatura dlia shkolnikov, 1943. 221 p. [In Georgian] (MID)

Rabichava, David (diz).
[Georgian folk proverbs] *Georgians folk sayings*. Tbilisi, Sotskhozizdat, 1946. 37 p. [In Georgian, Russian and English] (MID)

4. PHILOLOGY. LINGUISTICS. LANGUAGES

41 PHILOLOGY

Laptev, Aleksandr Alekseevich.
[Phonology] *Phonologiya*. Leningrad, "Muzgk," 1947. 116 p.

Loh, Ju Vilenovich.
[History of linguistic studies] *Istoriya lingvisticheskikh uchenii*. Moskva, "Vyssh. shkola," 1943. 304 p.

[Theoretical problems of Soviet linguistics] *Teorēticheskiye problemy Sovetskogo lingvistik*. Moskva, "Muzgk," 1946. 247 p.

Ushakov, Boris Dmitrievich.
[The word in the lexical-semantic system of language] *Slovo v leksiko-semanticheskoi sisteme iazyka*. Moskva, "Muzgk," 1944. 273 p.

43 Germanic languages

[German-Russian mathematics dictionary. Approximately 11,000 terms] *Matematiko-russkii matematicheskii slovar'*. Oboio 11 000 terminov. Soet. L. A. Kaluzhskaya i dr. Pod red. L. B. Pogorskykh. Izd. 3-e, pereabot. i dop. Moskva, "Sov. ensiklopediya," 1944. 237 p.

Korotkiy, Olga Fedorovna.
[Practical grammar of the German language] *Prakticheskaya grammatika nemetskogo iazyka*. Moskva, "Muzhskur. obozreniya," 1943. 247 p.

Tarasov, Yuri Vladimirovich.
[Translation of German scientific and technical literature. (A practical manual)] *Perevod nauchnoi i tekhnicheskoi literatury*. (Prakt. posobie). Moskva, "Muzgk," 1943. 273 p.

43.1 English

Belitsky, Maria Alekseevna.
[Grammar of the English language] *Grammatika angliiskogo iazyka*. Moskva, "Vyssh. shkola," 1946. 124 p. (MID)

Belitsky, Olga Petrovna and Chernov, Gail Vladimirovich.
[Russian-English pocket dictionary. 8000 words] *Russko-angliiskii slovar'*. 8000 slov. Izd. 7-e. Moskva, "Sov. ensiklopediya," 1944. 764 p.

Chernov, V. M., and others.
[English-Russian dictionary on lasers and infrared engineering. Over 10,000 terms] *Anglo-russkii slovar' po laseram i infrakrasnoi tekhnike*. Bolee 10 000 terminov. Moskva, Voenizdat, 1943. 200 p.

Korotkiy, Olga Fedorovna.
[English phonetics. A theoretical course] *Fonetika angliiskogo iazyka*. Teoreticheskii kurs. Moskva, "Prosvetshenie," 1946. 144 p. [In English] (MID)

Medler, Vladimir Viktorovich.
[English-Russian dictionary. 70,000 words and expressions] *Anglo-russkii slovar'*. 70 000 slov i vyrazhenii. Izd. 13, stereotip. Moskva, "Sov. ensiklopediya," 1947. 617 p. (MID)

Korotkiy, Olga Fedorovna, and others.
[Basic school dictionary of the English language. For nonlanguage schools of higher education] *Oboioy slovar'-slovarnik po angliiskomu iazyku*. Dlia neyazykovykh vmov. Moskva, "Vyssh. shkola," 1944. 116 p.

Prokhorov, Aleksandr Leonidovich.
[Reading and translating English scientific and technical literature. Vocabulary, grammar, phonetics, exercises] *Chitaniye i perevod angliiskoi nauchnoi i tekhnicheskoi literatury*. Leksika, grammatika, fonetika, uprazhneniya. Izd. 3-e, pereabot. i dop. Moskva, "Muzgk," 1944. 487 p.

44 Romance languages

Korotkiy, Olga Fedorovna.
[Textbook of the French language. For the 1st course in foreign language institutes and departments (evening and correspondence sections)] *Uchebnyy knizhchitsa po frantsuzskomu iazyku*. Dlia I kursa in-tov i fak. inostr. kn. (vechernii i smokh otd-til). Izd. 3-e, Moskva, "Vyssh. shkola," 1947. 276 p.

Parisi, Gabriella, and Marcello Argilli.
[Olio dno in the class. Translated from the Italian] *Kodno v trizika*. [Moskva] "Muzgk," 1943. 48 p.

Potolskaya, Varvara Vladimirovna, and Potolskaya, Ma-billa Vladimirovna.
[French-Russian dictionary. Approximately 26,000 words] *Frantsuzsko-russkii slovar'*. Oboio 26 000 slov. Izd. 13-e, 14-e, 15-e, 16-e, 17-e, 18-e, 19-e, 20-e, 21-e, 22-e, 23-e, 24-e, 25-e, 26-e, 27-e, 28-e, 29-e, 30-e, 31-e, 32-e, 33-e, 34-e, 35-e, 36-e, 37-e, 38-e, 39-e, 40-e, 41-e, 42-e, 43-e, 44-e, 45-e, 46-e, 47-e, 48-e, 49-e, 50-e, 51-e, 52-e, 53-e, 54-e, 55-e, 56-e, 57-e, 58-e, 59-e, 60-e, 61-e, 62-e, 63-e, 64-e, 65-e, 66-e, 67-e, 68-e, 69-e, 70-e, 71-e, 72-e, 73-e, 74-e, 75-e, 76-e, 77-e, 78-e, 79-e, 80-e, 81-e, 82-e, 83-e, 84-e, 85-e, 86-e, 87-e, 88-e, 89-e, 90-e, 91-e, 92-e, 93-e, 94-e, 95-e, 96-e, 97-e, 98-e, 99-e, 100-e. Moskva, "Sov. ensiklopediya," 1947. 640 p.

Sennitsky, Agaila Petrovna.
[Textbook in French language for institutions for higher technical education] *Posobie po frantsuzskomu iazyku dlia mekhaniicheskikh vmov*. Moskva, "Vyssh. shkola," 1947. 163 p.

45 Slavic and Baltic languages

[Vocabulary of Polish. Materials for a Polish-Chinese dictionary] *Leksika Poleska. Materialy dlia polesko-chainskogo slovaria*. Moskva, "Muzgk," 1944. 473 p.

45.2 Russian

Belitsky, Olga Petrovna and Chernov, Gail Vladimirovich.
[Russian-English pocket dictionary. 8000 words] *Russko-angliiskii slovar'*. 8000 slov. Izd. 7-e. Moskva, "Sov. ensiklopediya," 1944. 764 p.

Chernov, V. M., and others.
[English-Russian dictionary on lasers and infrared engineering. Over 10,000 terms] *Anglo-russkii slovar' po laseram i infrakrasnoi tekhnike*. Bolee 10 000 terminov. Moskva, Voenizdat, 1943. 200 p.

[Czech dictionary of difficulties in the Russian language. For workers of the printing industry] *Kraftni slovar' trudnosti russkogo iazyka*. Dlia rabotnikov pechatn. Moskva, Izd. Mosk. un-ta, 1944. 264 p.

Chernov, V. M., and Mikhailovskiy, E. A.
[Georgian-Russian phraseological dictionary] *Gruzinsko-russkii frazeologicheskii slovar'*. Tbilisi, Sotskhozizdat, 1944. 637 p. (CU) (CY) (MD) (MH) (MO)

[German-Russian mathematics dictionary. Approximately 11,000 terms] *Matematiko-russkii matematicheskii slovar'*. Oboio 11 000 terminov. Soet. L. A. Kaluzhskaya i dr. Pod red. L. B. Pogorskykh. Izd. 3-e, pereabot. i dop. Moskva, "Sov. ensiklopediya," 1944. 237 p.

Parisi, Gabriella, and Krasovskiy, Vladimir Vladimirovich.
[Russian-Arabic pocket dictionary. Approximately 8,000 words] *Russko-arabskii slovar'*. Oboio 8000 slov. Pod red. G. Sh. Krasovskogo. Izd. 3-e, 14-e, 15-e, 16-e, 17-e, 18-e, 19-e, 20-e, 21-e, 22-e, 23-e, 24-e, 25-e, 26-e, 27-e, 28-e, 29-e, 30-e, 31-e, 32-e, 33-e, 34-e, 35-e, 36-e, 37-e, 38-e, 39-e, 40-e, 41-e, 42-e, 43-e, 44-e, 45-e, 46-e, 47-e, 48-e, 49-e, 50-e, 51-e, 52-e, 53-e, 54-e, 55-e, 56-e, 57-e, 58-e, 59-e, 60-e, 61-e, 62-e, 63-e, 64-e, 65-e, 66-e, 67-e, 68-e, 69-e, 70-e, 71-e, 72-e, 73-e, 74-e, 75-e, 76-e, 77-e, 78-e, 79-e, 80-e, 81-e, 82-e, 83-e, 84-e, 85-e, 86-e, 87-e, 88-e, 89-e, 90-e, 91-e, 92-e, 93-e, 94-e, 95-e, 96-e, 97-e, 98-e, 99-e, 100-e. Moskva, "Sov. ensiklopediya," 1946. 838 p.

Belitsky, Vladimir Viktorovich.
[The Russian standard] *Russkaya norma*. Moskva, "Prosvetshenie," 1944. 94 p.

Marley, Vladimir Vladimirovich.
[A history of reduced vowels in Russian] *K istorii redukovannykh glasnykh v russkom iazyke*. Krasnodar, Knazhskogo univ., 1944. 277 p. (MID)

[Materials of research on Siberian dialectology] *Materialy i issledovaniya po sibirskoi dialektologii*. Krasnodar, 1947. 63 p.

[Monuments of ancient Russian script. Language and texts] *Pamiatniki drevnerusskoi pis'mennosti*. Iazyk i tekhnika. Moskva, "Muzgk," 1944. 404 p.

Medler, Vladimir Viktorovich.
[English-Russian dictionary. 70,000 words and expressions] *Anglo-russkii slovar'*. 70 000 slov i vyrazhenii. Izd. 13, stereotip. Moskva, "Sov. ensiklopediya," 1947. 617 p. (MID)

45.3 English

Korotkiy, Olga Fedorovna.
[A collection of exercises in solution of case forms. A programmed manual for foreign students studying in preparatory departments] *Shkolek uprazhnenii po aktivatsii podskhoznykh form*. Programirovannoe sobek. posobie dlia studenkov-preparatsiev, obshchestvenno-izdatel'skaya podkhozha v Knazhi. Red. M. A. Orlovskiy, T. I. Loshakovskiy. [Kiev, 1944] 134 p. (CU)

Potolskaya, Varvara Vladimirovna, and Potolskaya, Ma-billa Vladimirovna.
[French-Russian dictionary. Approximately 26,000 words] *Frantsuzsko-russkii slovar'*. Oboio 26 000 slov. Izd. 13-e, 14-e, 15-e, 16-e, 17-e, 18-e, 19-e, 20-e, 21-e, 22-e, 23-e, 24-e, 25-e, 26-e, 27-e, 28-e, 29-e, 30-e, 31-e, 32-e, 33-e, 34-e, 35-e, 36-e, 37-e, 38-e, 39-e, 40-e, 41-e, 42-e, 43-e, 44-e, 45-e, 46-e, 47-e, 48-e, 49-e, 50-e, 51-e, 52-e, 53-e, 54-e, 55-e, 56-e, 57-e, 58-e, 59-e, 60-e, 61-e, 62-e, 63-e, 64-e, 65-e, 66-e, 67-e, 68-e, 69-e, 70-e, 71-e, 72-e, 73-e, 74-e, 75-e, 76-e, 77-e, 78-e, 79-e, 80-e, 81-e, 82-e, 83-e, 84-e, 85-e, 86-e, 87-e, 88-e, 89-e, 90-e, 91-e, 92-e, 93-e, 94-e, 95-e, 96-e, 97-e, 98-e, 99-e, 100-e. Moskva, "Sov. ensiklopediya," 1947. 640 p.

[A Turkish-Russian dictionary. Approximately 40,000 words] *Turkmenko-russkii slovar'*. Oboio 40 000 slov. Pod obshch. red. M. A. Baskakova i dr. Moskva, "Sov. ensiklopediya," 1946. 822 p.

Korotkiy, Olga Fedorovna.
[How words are made] *Kak delaiutsya slova*. Moskva, Izd. AN SSSR, 1943. 81 p. (ICard)

45.3 Ukrainian

Belitsky, Olga Petrovna.
[Contents of the Ukrainian language with other Slavic languages and the unification of its oral literary form] *Soderzhaniye ukrainskogo iazyka s drugimi slavyanskimi i ukrainskimi ego smokh literaturnymi formami*. Kiev, "Muzkova duka," 1944. 26 p.

Роджерс, [Annals of Biology]
[Grammatical tables for schools and self-education]
[Grammaticheskie tablitsy dlya shkol i samostoyatel'nogo
2, vid. Vimpag, Mold. SSSR'noi uchebnoi Vimpag-
s'noi Arkhiepiskopii, 1962. 12 p. [In Ukrainian]
(TxU)

Stichiv, Mykhailo Mykhailovich
[Formation of grammatical concepts and the cate-
gories of a noun in students] Porozumennia v uchiv
kramaticheskikh poiaz' ta katehorii imennosti. Kyiv,
"Rad. shkola," 1962. 168 p.
(CUU)

488 Basic languages

Orlovskiy, Lidiya [Aleksyevna]

[Arrangement of Latin phraseological units in a
phraseological dictionary] O razpolozhenii frazeologicheskikh
frazeologicheskikh edinits vo frazeologicheskoy slovar
Riga, "Zinatne," 1968. 83 p.

489 Other Indo-European languages

Kozlov, Ruzina Zaurbekovna

[Phraseology of Kozma Khagurov's Russian works]
Frazeologiya russkikh proizvedenii Kozma Khagurova.
Ordzhonikidze, Severo-Osetinskoe kn. izd., 1968.
79 p.
(SR)

Kirich, Lili Aleksandrovna

[Basic problems in ergativity based on materials
of the Indo-Iranian languages] Osnovnye voprosy
ergivnosti na materiale indoevropskikh iazykov.
Moskva, "Mysl," 1964. 71 p.

494.1 Ural-Altaic languages

Aghayeva, Nardiyana

[Forms of subordination and types of subordinate
sentences in modern Uzbek] Formy podchineniya i
tipy prikluchnykh predlozheniy v sovremennoy uzbek-
skoy iazyke. Tashkent, "Fan," 1968. 344 p. [In
Uzbek]
(AB)

Begaliev, Sayat

[Poetics of the epic "Mansur"] O poetike epicheskogo
"Mansura." Frunze, "Miri," 1964. 82 p.

**El' Farikh, Tahir Akhmed, and Krasovskiy, Vladimir
Mikhailovich, coauthors**

[Russian-Arabic pocket dictionary. Approximately
8,000 words] Russko-arakskiy kashetnyy slovar'.
Okolo 8000 slov. Pod red. G. M. Krasovskogo. Izd.
2-e, ispr. Moskva, "Sov. entsiklopediya," 1964.
223 p.

Kyzyrov, Abet

[Meditations on a hill. Verse and poems] Dury
na koshche. Shikh i poetry. Frunze, "Kyrghyzstan,"
1965. 80 p. [In Kirghiz]
(MR)

[A Turkish-Russian dictionary. Approximately 40,000
words] Turko-russkoy slovar'. Okolo 40 000
slov. Pod obshch. red. M. A. Besikova i dr. Mo-
skva, "Sov. entsiklopediya," 1968. 623 p.

494.6 Caucasian languages

Gavrilov, M. M., and Mykolishvili, E. A.

[Georgian-Russian phraseological dictionary]
Gruzinsko-russkoy frazeologicheskoy slovar'. Toblitz,
Bakurako, 1964. 637 p.
(CU) (CY) (UK) (MR) (RC)

495 Sino-Tibetan languages. Japanese. Korean

Korotkiy, Mikhail Mykhailovich

[Basic characteristics of the morphological system
of the Chinese language. (The grammatical system of
words)] Osnovnye osobennosti morfologicheskogo
stroya kitaiskogo iazyka. (Osnovnyy prirod slova).
Moskva, "Mysl," 1966. 408 p.

5. MATHEMATICS AND NATURAL SCIENCES

500 General

[Effectiveness of scientific studies. Translated from the
French and English] Effektivnost' nauchnykh issledov-
vaniy. Sbornik statei. Predsk. A. M. Ruzhanskaya.
Moskva, "Progress," 1968. 340 p.

[Materialistic dialectics and the methods of natural
science] Materialisticheskaya dialektika i metody
estestvennykh nauk. Moskva, "Mysl," 1964. 304 p.

502.7 Nature and wildlife protection. Wildlife management

Krasovskiy, Oleg Bogdanovich

[Problems of nature protection in lessons and in
out-of-class work on geography] Voprosy okhrany
prirody na urobakh i vo vnedklassnoy rabote po geo-
grafii. Moskva, "Mir. azvata," 1963. 118 p.

Oladov, Mikhail Aleksandrovich

[Problem of nature protection and its significance
for national economy] Problemy okhrany prirody
i ee narodno-khoziaistvennoye znachenie. Moskva,
izd. Akad. na-ty, 1968. 23 p.

51 MATHEMATICS

[At the sources of classical science] U istochnikov klassicheskoy
nauki. Sbornik statei. Moskva, "Mysl," 1965.
351 p.

Avramov, [?]

[Chapters on mathematics from the "Book of
Knowledge" (Donkizomna). Translated from the Arabic]
Matematicheskiye glavy "Knigi znaniya" (Donkizomna).
Dushanbe, "Irfon," 1967. 178 p.

Dobrovolskiy, Vsevolod Aleksandrovich

[Dmitriy Aleksandrovich Grava. (1863-1939).
Moskva, "Mysl," 1963. 31 p.

[German-Russian mathematics dictionary. Approximately
11,000 terms] Nemetsko-russkoy matematicheskoy
slovar'. Okolo 11 000 slozheniy. Sozd. L. A. Kalashnik
i dr. Pod red. L. B. Pogrebnikova. Izd. 2-e, peresobol.
i dop. Moskva, "Sov. entsiklopediya," 1964. 387 p.

Rubinsky, Adolf Pyotrovich

[History of mathematics in Russia prior to 1817]
Istoriya matematiki v Rossii do 1817 goda. Moskva,
"Mysl," 1964. 507 p.

Parshin, N. M., and Krut'nykh, A. V.

[Collection of special German texts. Mathematics,
mechanics, astronomy] Sbornik spetsial'nykh nemets-
kikh tekстов. Matematika, mekhanika, astronomiya.
Obr. red. M. M. Polakova, M. V. Spishanskaya. Leningrad,
izd. Leningr. na-ty, 1963. 180 p.

Palat, Bogdan

[Playing with infinity. Mathematics for nonmathema-
ticians. Translated from the Bulgarian] Igra s beskon-
chnost'yu. Matematika dlya neamatikov. Pod red.
B. L. Lapova. Moskva, "Prosvetshchennye," 1964.
271 p.

Rozental'skiy, S. A., and Sychev, A. F.

[Collection of problems and practical handbook on
elementary mathematics. For first-year students of
mathematics faculties] Zadachnik-priruchnik po
elementarnoy matematike. Dlya studentov pervogo
kursova matemat. fak. Kazhin.
Ch. I. 1964. 104 p.

Rozov, Georgiy Ivanovich

[On the nature of mathematical knowledge. (Essays
on mathematical methods)] O prirode matematicheskoy
znaniya. (Osnovy po metodologii matematiki).
Moskva, "Mysl," 1964. 303 p.

Vysotskiy, Mark [Aleksyevich]

[Reference book on elementary mathematics. Tables,
arithmetics, algebra, geometry, trigonometry, func-
tions, and graphs] Spravochnik po elementarnoy mathe-
matike. Tablitsy, aritmetika, algebra, geometriya,
trigonometriya, funktsii i grafiki. Izd. 10-e. Moskva,
"Mysl," 1966. 480 p.

512 Algebra

Orlovskiy, M. V.

[Algebra and analytical geometry. (Abstract of
lectures)] Algebra i analiticheskaya geometriya.
(Konpekt lektsii). Kazhin.
Vyp. I. 1967. 108 p.

Karavayev, Fridrikh Pyotrovich

[Elements of linear algebra and linear programming]
Elementy lineinoy algebry i lineinogo programirovaniya.
Izd. 2-e, sterotip. Moskva, "Mysl," 1964.
173 p.

Moskvin, Vladimir [?]

[Reports, papers and summaries of the
International Scientific Symposium on General
Algebra] Doklady, soobshcheniya, reziume. Tertye,
Tartuskiy gos. univ., 1966. 323 p.
(MR)

Rublyov, Aleksandr Mikhailovich

[Linear algebra] Lineinaya algebra. Moskva,
"Vyssh. shkola," 1964. 354 p.

On'kova, Tatyana [?]

[Vector analysis and field theory] Vektornyiy analiz
i teoriya polya. Pod red. R. B. Gureva. Izd. 2-e.
Moskva, "Mysl," 1964. 136 p.

512.5 Topology

Stegunov, M., and Chirp, W.

[Fundamentals of topology. Geometrical mappings
of segments, curves, circles, and discs. Translated
from the English] Pervyye ponyatiya topologii. Geo-
metricheskoye otobrazheniye otkrytogo, krivoy, okruzhnost
i kugly. Moskva, "Mir," 1967. 224 p.

513 Descriptive geometry

[Course in descriptive geometry. (Applying the prin-
ciple of programmed instruction)] Kurs matematicheskoy
geometrii. (S vvedeniem v printipov programirovaniya
d'obucheniya). Pod red. M. F. Chelverukhin. Moskva
"Vyssh. shkola," 1968. 287 p.

Zinov, Vladimir Dmitriyevich and others

[Collection of problems in descriptive geometry]
Zadachniki po matematicheskoy geometrii. Moskva
"Vyssh. shkola," 1968. 240 p.

514 Analytical geometry

Orlovskiy, M. V.

[Algebra and analytical geometry. (Abstract of
lectures)] Algebra i analiticheskaya geometriya.
(Konpekt lektsii). Kazhin.
Vyp. I. 1967. 103 p.

517.1 Mathematical logic

Maklun, Mihail Bogdanovich and Matveev, Rosa [?]

[Functions and limits. The derivative] Funktsii
predeley. Proizvodnaya. Moskva, "Prosvetshchennye"
1968. 183 p.

517.5 Theory of functions

Belman, R., and Erdelyi, A.

[Higher transcendental functions. Elliptic and
automorphic functions. Laplace and Mathieu functions.
Translated from the English] Vysshie transcend-
entnyye funktsii. Ellipticheskiye i avtomorfnyye funktsii. Po
Laplace i Mat'ye. Moskva, "Mysl," 1967. 288 p.

Klimov, Gennadiy Vladimirovich

[Nonlocal quantum theory of the scalar field]
Nolokal'naya kvantovaya teoriya skalyarnogo polya.
Kiev.

[Ch.] I. [Local and nonlocal generalized mass
Lokal'nyye i nolokal'nyye obobshchennyye funktsii
1968. 68 p.

Lehto, Eino, and others

[Special functions. Formulae, graphs, tables.
Translated from the German] Spetsial'nyye funktsii.
Formuly, grafiki, tablitsy. Pod red. L. I. Sedova.
Izd. 2-o, sterotip. Moskva, "Mysl," 1968. 24

Maklun, R.

[Table of differentiable functions. Translated from
the English] Identy differentsiруemykh funktsii.
Peresod s angl. A. M. Gubriyeva. Pod red. V. P.
Sedova. Moskva, "Mir," 1968. 123 p.

Maklun, Mihail Bogdanovich and Matveev, Rosa [?]

[Functions and limits. The derivative] Funktsii
predeley. Proizvodnaya. Moskva, "Prosvetshchennye"
1968. 183 p.

517.544 Dirichlet's problem. Boundary value problems

Belman, Richard E., and Kalaba, Robert E.

[Qualitative and nonlinear boundary-value
problems. Translated from the English] Kvalitativ-
nyye i nelineynyye kraevyye zadachi. Pod red. F.
Chernous'ko. Moskva, "Mir," 1968. 183 p.

Orlovskiy, M. V., and Shchegolev, Anatoliy Vladimirovich

[Mathematical differential equations] Matematicheskiye
differentsial'nyye uravneniya. Kiev, "Maklun" dny
1968. 254 p.

517.5 Differential equations

Mitrovy, Mikhail Mikhailovich

[Differential equations] Differentsial'nyye urav-
neniya. Izd. 2-e, dop. Moskva, "Vyssh. shkola,"
1968. 247 p.

517.540 Difference equations

Drlov, Iakov Yuriiyevich and Lerner, Vladimir Orlovich

[Some aspects of the qualitative theory of systems
of difference equations] O kvalitativnykh voprosakh
kvalitativnoy teorii sistem raznostnykh uravneniy
Frunze, "Tina," 1968. 100 p.

518 Special methods of calculation. Computing aids. Graphical calculation

Chelverukhin, Leonid Lavrentyevich

[Monographs for determining the weight of water
organisms from the sizes and shapes of the bodies
(Measurments and calculations)] Monografiya dlya
opredeleniya vesa vodnykh organizmov po razmeram
tela. (Izmereniya masobemot i ponyatiya). Leningrad,
"Mysl," 1964. 106 p.

518.3 Probability theory

Kayman, J.
[Introductory course in probability theory and mathematical statistics] Vvodnyi kurs teorii veroyatnostei i matematicheskoi statistiki. Pod red. I. U. V. L'vova. Moskva, "Nauka," 1968. 448 p.

Reynolds, J. A.
[Gaussian infinite-dimensional distributions] Gaussovskie beskonечномерnye raspredeleniya. Moskva, "Nauka," 1968. 133 p. (Akademiya nauk SSSR, Matematicheskii institut. Trudy, vol. 108).

[Stochastic analysis of wear] Vorozhdeniye analiz protsessov iznashivaniya. Moskva, "Nauka," 1968. 86 p.

[Winter school to study the probability theory and mathematical statistics] Zimnaya shkola po teorii veroyatnostei i matematicheskoi statistike, g. Uzhgorod, 1964 god. Kiev, 1964. 263 p. (CIT)

518.4 Mathematical statistics

Lach, Georgii Filippovich.
[Biometry] Biometriya. Moskva, "Vyssh. shkola," 1968. 367 p.

Kayman, J.
[Introductory course in probability theory and mathematical statistics] Vvodnyi kurs teorii veroyatnostei i matematicheskoi statistiki. Pod red. I. U. V. L'vova. Moskva, "Nauka," 1968. 448 p.

[Winter school to study the probability theory and mathematical statistics] Zimnaya shkola po teorii veroyatnostei i matematicheskoi statistike, g. Uzhgorod, 1964 god. Kiev, 1964. 263 p. (CIT)

518.4 Theory of groups

Atiyah, M.
[K-theory. Translated from the English] Lektsii po K-teorii. Pod red. A. A. Kirillova. Moskva, "Mir," 1967. 261 p.

518.9 Information theory and cybernetics

Bellman, Richard.
[Cybernetics and medical diagnosis. Translated from the English] Kibernetika i meditsinskaya diagnostika. Perевod s angliyskogo V. I. Rydskaya. Moskva, "Znanie," 1968. 47 p. (Mirovaya shkola, nauka, tekhnika. Seriya "Moskovskorodnaya," 11).

Orlovsky, V. M.
[Problems of machine theory and artificial intelligence] Problemy teorii avtomatov i iskusstvennogo intellekta. Kiev, 1968. 81 p. (Seminar "Teoriya avtomatov i metody formalizovannogo razuma vysshishchikh mezhin i elektron." Trudy, vyp. 6).

Naik, K. R. S. et al.
[Proceedings of the First Conference of Young Scientists of the Sector of Engineering Cybernetics] Trudy Pervoi konferentsii molodykh nauchnykh spetsialistov tekhnicheskoi kibernetiki. Kiev, 1967. 180 p.

Kuznetsov, Konstantin Gerasimovich.
[Cybernetics and the optimal interpretation and solution of some physical concepts. (Problems of programmed instruction)] Kibernetika i optimal'noe resheniye i prepodavaniye zadach fizicheskoi teorii po programirovannym instruktsiyam. (Voprosy programirovannogo obucheniya) Tbilisi, "Metakademiya," 1968. 113 p. (in Georgian)

Rebas, Vadim Aleksandrovich.
[Control systems] Gemeticheskoe upravleniye sistemami. Pod red. A. A. Litvinova. Novosibirsk, "Nauka," 1968. 161 p. (Kibernetika i matematika, 8) (DNI-M)

Robitko, Vladimir Pavlovich.
[Bubbles of the sea] Ocherki morskoi moria. Leningrad, "Dachinroent," 1968. 278 p.

Tashlyk, L. V.
[Interfered noise excitation in radio channels] Kateretnyye shumovyye vzbuzhdeniya v radiofunktsionalakh. Moskva, "Dov. radio," 1968. 183 p.

519 ASTRONOMY. SURVEYING. GEODESY

Kuznetsov, M. M., and Kravtsov, A. V.
[Collection of special German texts. Mathematics, mechanics, astronomy] Sbornik spetsial'nykh nauchnykh tekстов. Matematika, mekhanika, astronomiya. Otv. red. M. M. Poliakova, M. V. Spitsynskaya. Leningrad, Izd. Leningr. un-ta, 1968. 120 p.

522 Descriptive astronomy

Podobed, Vladimir Vladimirovich.
[Fundamental astronomy. Setting up a fundamental system of celestial coordinates] Fundamental'naya astronomiya. Ustanovleniye fundam. sistemy nebesnykh koordinat. Izd. 2-e, pererabot. i dop. Moskva, "Nauka," 1968. 481 p.

522.1 Universe and its structure. Cosmology. Space
Ambarzumian, Viktor Aramavich.
[Problems on the evolution of the universe. Collection of reports and lectures held at international astronomical congresses and conferences] Problemy evolyutsii Vselennoi. Sbornik dokladov i vystupaniy na mezhdunar. astron. s'ezdah i konferentsiyakh. Erevan, Izd. AN Arm. SSR, 1968. 236 p.
[Cosmology-state phenomena in galaxies. Symposium No. 20 of the International Astronomical Association] Kosmologiya i yavleniya v galaktikakh. Simpozium IAS No. 20, Bzhuzkaya, 4-12 marta 1968 g. Erevan, Izd. AN Arm. SSR, 1968. 488 p.

522.2 Solar or planetary system: origin, etc.

[Recent findings about Mars and Venus. Translated from the English] Novyye otkrytiya o Marse i Venere. Sbornik statei. Pod red. V. I. Morozova. Moskva, "Mir," 1968. 387 p.

522.3 Meteor, bolide, comet

Boydov, Boris Georgiyevich and Khudochayev, Boris Leonidovich.
[Meteorite constitution] Meteoritnaya struktura. [Kiev, "Tekhnika," 1968] 190 p.

522 The Earth (considered astronomically)

Malchuk, Pavel.
[The earth tides. Translated from the English] Zemnye priply. Pod red. M. K. Parfimenko. Moskva, "Mir," 1968. 483 p.

Myrlov, Georgii Aleksandrovich.
[The mysterious planet] Planeta zapadok. Leningrad, "Nauka," 1968. 120 p.

527 Navigation

Zakrevskii, Vsevolod Vlasovich.
[Krester astronomy of a navigator's calculations] Krester astronomiya shchitaniya raschetov. Moskva, "Transport," 1968. 112 p.

528 Geodesy. Surveying. Triangulation

Dobir, Mikhail Viktorovich.
[Photogrammetry] Fotogrammetriya. Moskva, "Nauka," 1968. 280 p. (CIT)

[Problems in mapping and regionalization from the viewpoint of engineering geology. Materials of the Fourth Regional Conference on Engineering Geology] Voprosy inzhenerno-geologicheskogo kartirovaniya i regionalizatsii. Materialy Chetvergogo regional. srazheniya po inzh. geologii. Leningrad, 1968. 127 p.

Bergman, Khayim Burzovna, et al.
[Handbook on assembling and adjusting ED-3 stereographic units] Posobie po sborske i nastroyke ustroystv stereograficheskikh ED-3. Moskva, 1968. 186 p.

53 PHYSICS AND MECHANICS

[At the sources of classical science] U istochnikov klassicheskoi nauki. Sbornik statei. Moskva, "Nauka," 1968. 362 p.

[Collection of problems in elementary physics. Textbook for self-education] Sbornik zadach po elementarnoi fizike. Posobie dlya samostoyatel'nogo izucheniya. Izd. 3-e, ispr. Moskva, "Nauka," 1968. 430 p.

Meikert, G. P., and Tikhonov, M. S.
[Paradoxes and amusing problems in physics] Fizicheskiye paradoksy i zabavnyye zadachi. Minsk, Uchpedgiz, 1968. 74 p. (KUT)

Tarapov, Lev Pavlovich and Tarapova, Alina Viktorovna.

[Problems in physics. (Analysis of typical errors made by students entering schools of higher education)] Voprosy i zadachi po fizike. (Analiz tipichnykh oshibok postupaivshchikh v vuzy). Pod red. G. I. Epifanov. Moskva, "Vyssh. shkola," 1968. 230 p.

53.98 Measurement: principles, methods

Tsivilin, Vladimir Olegovich.
[Technique of measuring the flow rate and amount of liquids, gases, and vapors] Tekhnika izmereniya rashoda i kolichstva zhidkostei, gazov i parov. Moskva, Izd. standartov, 1968. 181 p.

539.1 General principles of physics

Pyryukin, Aleksei Fedorovich.
[Dialectics of the absolute and the relative in the laws of conservation] Dialektika absoлютного i otnositel'nogo v zakonakh sokhraneniya. Moskva, "Znanie," 1968. 43 p. (Mirovaya shkola, nauka, tekhnika. Seriya "Filosofiya," 10).

539.12 Relativity principle

Gikhariev, Boris Ivanovich.
[Problems of the correlation of space and time in the special theory of relativity] Problemy vzaimosvyazi prostanstva i vremeni v spetsial'noi teorii otnositel'nosti. Alma-Ata, "Nauka," 1968. 107 p.

539.148 Quantum theory. Wave mechanics

Kirpich, Gennadiy Vladimirovich.
[Nonlocal quantum theory of the scalar field] Nekolokal'naya kvantovaya teoriya skalyarnogo polya. Kiev.

[Ch. 1. Local and nonlocal generalized functions] Lokal'nye i nekolokal'nye obobshchennyye funktsii. 1968. 68 p.

Gol'dman, Iuda Abrahimovich.
[Vector analysis and field theory] Vektornyiy analiz i teoriya polya. Pod red. R. E. Gikharieva. Izd. 2-e. Moskva, "Nauka," 1968. 186 p.

539.148 Quantum theory. Wave mechanics

Orlov, H. E.
[Matrix mechanics. Translated from the English] Matritsaya kvantovaya mekhanika. 6 predisl. M. Borna. Pod red. A. A. Shokova. Moskva, "Mir," 1968. 163 p.

539.148 Quantum theory. Wave mechanics

Jagi, R.
[The general theory of quantized fields. Translated from the English] Obshchaya teoriya kvantovanykh polya. Pri oboznenii K. Khejga. Pod red. V. A. Vladimirova. Moskva, "Mir," 1967. 234 p.

531 Mechanics

Borshcheyevskii, I. U. T.
[Mechanics of multicomponent media] Voprosy mekhaniki mnogokomponentnykh sred. Pod. nachch. red. A. M. Pohlina. Novosibirsk, Kazan'-Nizhnyaya kn. Izd. 1967. 120 p. (Novosibirsk. Institut tekhnicheskogo vodnogo transporta. Trudy, no. 27).

Kononovskii, Leon Vsevolodovich.
[Abstracts of reports of the Conference on the Problem of Oscillations of Mechanical Systems] Tезисы dokladov. Kiev, "Naukova dumka," 1968. 127 p.

Moskalevskii, Ivan Vsevolodovich.
[Collection of problems in theoretical mechanics] Sbornik zadach po teoreticheskoi mekhanike. Pod red. A. I. Lar'va. Izd. 21-e, starozh. Moskva, "Nauka," 1968. 384 p.

Paronits, M. M., and Kravtsov, A. V.
[Collection of special German texts. Mathematics, mechanics, astronomy] Sbornik spetsial'nykh nauchnykh tekстов. Matematika, mekhanika, astronomiya. Otv. red. M. M. Poliakova, M. V. Spitsynskaya. Leningrad, Izd. Leningr. un-ta, 1968. 120 p.

Tikhonov, V. A. (Viktorovich).
[Theoretical mechanics] Teoreticheskaya mekhanika. 3-e izd. Khar'kov, Izd. Khark. un-ta, 1968. 323 p.

531.3 Dynamics. Kinetics

Reis, H.
[Theory of the Ansober-Sperry gyrocompasses and the general theory of systems with servocoupling. Translated from the French] Teoriya girokompasov Ansobera i Sperry i obshchaya teoriya sistem s servosyazaniem. Moskva, "Nauka," 1967. 171 p.

[Designing elements of gyroscopic systems] Proektirovaniye elementov giroskopicheskikh sistem. Sbornik statei. Pod red. D. E. Pol'yova. Moskva, "Mashinostroyeniye," 1968. 128 p.

531.4 Wave. Physics

Mikhlin, Nikolai Mikhailovich.
[Problems in plastic contact] Zadachi v plasticheskoi kontakt. Moskva, "Nauka," 1968. 104 p.

631.7 Geometrical, mechanical magnitudes: measurements, etc.
[Interference and registration in thermal engineering and electrical technology] Teploenergeticheskie i elektrotehnologicheskie pribory i registatory. Pod red. P. P. Krasilevskogo. Leningrad, "Mashinostroyeniye," 1968. 218 p.

[Technological measurements and control and measuring instruments in light industry] Tekhnologicheskaya izmereniya i kontrol'no-izmeritel'nye pribory v legkoi promyshlennosti. Moskva, "Legkaya industriya," 1968. 263 p.

632 Fluid mechanics. Hydromechanics

[Heat transfer, hydrodynamics, and thermophysical properties of substances] Teploobmen, gidrodinamika i teplofizicheskie svoystva veshchestv. Moskva, "Mashinostroyeniye," 1968. 278 p.

[Techniques of measuring the flow rate and amount of liquids, gases, and vapors] Tekhnika izmereniya rashoda i kolichestva zhidkostei, gazov i parov. Moskva, Izd. standartov, 1968. 161 p.

633 Gas mechanics. Aeromechanics. Rarefied gases

[Fundamentals of thermodynamics, gas dynamics, and heat transfer] Osnovy termodynamiki, gazovoi dinamiki i teploperedači. Pod obščim. red. V. I. Kivostova. Moskva, "Mashinostroyeniye," 1968. 278 p.

[Physical gas dynamics of heated and chemically reacting gases] Fizicheskaya gazovaya dinamika naizotopnykh i khimicheskii reagiruyushchikh gazov. Moskva, "Mashinostroyeniye," 1968. 136 p.

633.9 Plasma physics

[Lectures on plasma analysis] Lektsii po diagnostike plazmy. Moskva, Atomizdat, 1968. 219 p.

634 Vibrations. Acoustics. Sound

[Abstracts of reports of the Conference on the Problems of Oscillations of Mechanical Systems] Tselny doklady. Kiev, "Naukova dumka," 1968. 157 p.

[Physical acoustics. Translated from the English] Fizicheskaya akustika. Pod red. U. Mazona. Moskva, "Mir," 1968. 217 p.

[Dynamics of the lattice] Dinamika rešetki. Pod red. I. L. Fabelinskogo. 1968. 308 p.

[Ultrasonic control and investigation in mining] Ul'trazvukovoi kontrol' i issledovaniya v gornom dele. Moskva, "Nedra," 1968. 184 p.

636 Optics. Light

[Modern optics] Sovremennaya optika. Moskva, "Mashinostroyeniye," 1968. 43 p. (Otkrytoe v znanii, nauka, tekhnika. Seriya "Vizna," 11).

636.1 Nuclear physics

[Nuclear models and nuclear spectroscopy. Translated from the French] Modeli i teorii iadernoi spektroskopii. Moskva, "Mir," 1968. 463 p.

[Mass-spectrometric instruments] Masso-spektrometricheskii pribory. Pod red. V. A. Pavlovskii. Moskva, Atomizdat, 1968. 225 p.

[Thermoluminescent dosimetry] Termoluminescentnaya dosimetriya. Riga, "Zinatne," 1968. 168 p.

636.3 Transmission. Absorption. Emission

[Tables of the frequencies of infrared spectra of hetero-organic compounds (Wave numbers and wave lengths)] Tablitsy chastot infrakrasnykh spektriv geteroorganicheskikh soedinenii. (Volnyevye chislava i dliny voln). Leningrad, "Khimiya," 1968. 136 p.

636 Heat. Thermodynamics

[Fundamentals of thermodynamics, gas dynamics, and heat transfer] Osnovy termodynamiki, gazovoi dinamiki i teploperedači. Pod obščim. red. V. I. Kivostova. Moskva, "Mashinostroyeniye," 1968. 278 p.

[Elements of thermodynamics. Translated from the English] Elementy termodynamiki. Pod red. M. M. Piskunov. Moskva, "Mir," 1968. 222 p.

[Heat transfer, hydrodynamics, and thermophysical properties of substances] Teploobmen, gidrodinamika i teplofizicheskie svoystva veshchestv. Moskva, "Mashinostroyeniye," 1968. 278 p.

636.4 Heat transfer

[Thermal conductivity of solids, liquids, gases, and their mixtures] Teploprovodnost' tverdykh tel, zhidkostei, gazov i ikh kompozitov. Moskva, "Mir," 1968. 464 p.

[Kinetics of heat transformation and cooling processes] Kinetika izmeneniya i oshlajdeniya. Moskva, "Mashinostroyeniye," 1968. 336 p.

[Thermophysical properties in mining] Geofizicheskie svoystva. Kiev, "Naukova dumka," 1968. 114 p.

636.24 Heat transfer, exchange

[Heat and mass transfer] Teplo- i massoperehod. Kiev, "Naukova dumka," 1968. 214 p.

636.4 Action of heat upon bodies

[The nature of critical points. Translated from the English] Priroda kriticheskogo sostoyaniya. Per. s angl. M. M. Gikman. Moskva, "Mir," 1968. 222 p.

637.225 Dielectrics. Ferroelectricity

[Introduction to the physics of variable condensers] Vvedeniye v fiziku variatsionnykh kondensatorov. Leningrad, "Mashinostroyeniye," 1968. 160 p.

[Radiation phenomena in dielectrics and semiconductors] Radiatsionnyye yavleniya v dielektrikakh i poluprovodnikakh. Tashkent, "Fan," 1968. 78 p.

637.3 Electric current. Electrodynamics

[Organic semiconductors and biopolymers. Electrical conductivity and physicochemical properties] Organicheskie poluprovodniki i biopolimery. Elektricheskaya provodnost' i fiz.-khim. svoystva. Moskva, "Mashinostroyeniye," 1968. 181 p.

637.325 Resistors

[Resistor resistors. Physical principles, design, technology, and characteristics] Rezystornyye rezistory. Fiz. osnovy, konstruktivnyye, tekhnologicheskiye i kharakteristiki. Leningrad, "Mashinostroyeniye," 1968. 284 p.

[Radiation phenomena in dielectrics and semiconductors] Radiatsionnyye yavleniya v dielektrikakh i poluprovodnikakh. Tashkent, "Fan," 1968. 78 p.

637.325 Resistors. Methods of study

[Methods for studying semiconductors as applied to the lead electrocatalysis of Pt, Pb, and Pd] Metody issledovaniya poluprovodnikov v primeneni k katalizirovaniyu svyazaniya Pt, Pb i Pd. Pod red. L. S. Shil'mana. Moskva, "Mashinostroyeniye," 1968. 386 p.

637.325 Magnetic fields

[Study of clay suspensions, pastes, and sediments in a magnetic field] Issledovaniya glinistykh suspenziy, past i osadkov v magnitnom pole. Pod red. K. M. Sergeeva. Moskva, Izd. Mosk. un-ta, 1968. 169 p.

637.325 Electromagnetic fields. Electrodynamics

[Electromagnetic fields. Low and intermediate energy] Elektromagnitnyye polya. Nizkoye i sredneye energii. Tashkent, "Fan," 1968. 160 p. (Problemy fiziki i tekhnologii. Seriya "Fizika i tekhnologiya," 1).

637.325 Nuclear, atomic and molecular physics

[The atom is serving the world] Atom sluzhit miru. Moskva, "Mashinostroyeniye," 1968. 71 p. (Mirovyyi universitet. Elektromagnitnyye polya i fizika, 12).

637.325 Spectroscopy. Spectrometry

[Spectroscopy of oscillatory and rotatory motions of a four-particle system] Spektro skolyazhnykh i rotatsionnykh dvizheniy chetyrehchastitsy. Kiev, 1968. 81 p.

637.325 Spectroscopy. Spectrometry

[Nuclear physics and atomic energy] Fizika i atomnaya energiya. Moskva, "Mashinostroyeniye," 1968. 77 p.

[Methods for recording and processing data in nuclear physics and technology] Metody registratsii i obrabotki dannykh v yadernoi fizike i tekhnike. Pod red. L. A. Mikhlin. Moskva, Atomizdat, 1968. 870 p.

637.325 Spectroscopy. Spectrometry

[Algebra of baryon currents in a model of free effective quarks] Algebra barionnykh tokov v model' effektivnykh kvarkov. Kiev, 1968. 19 p.

[Effects of radiation: physical, chemical, biological] Vozdeystviya izlucheniya: fizicheskoye, khimicheskoye, biologicheskoye. Tashkent, "Mashinostroyeniye," 1968. 308 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radiophosphorus diagnosis in oncology. (With study of the effect of the p³² isotope on the organism)] Radiofosforaya diagnostika v onkologii (s issledovaniem deystviya na organizm izotopa p³²). Kiev, "Mashinostroyeniye," 1968. 210 p.

[Radioph

541.1 Physical chemistry

Belikov, Anatoli Ivanovich, and others.
[Principles of the physical chemistry of drilling fluids and plugging slurries] Osnovy fiziko-khimii promyshlennykh shchelochnykh i tamponaznykh rasvorov. Moskva, "Nedra," 1968. 178 p.

Marshall, Walter A.
[Pseudopotentials in the theory of metals. Translated from the English] Pseudopotentsialy v teorii metallov. Moskva, "Mir," 1968. 364 p.

[Physical chemistry of alloys and high-melting compounds with thorium and uranium] Fiziko-khimia splavov i vysokotoplavnykh soedinenii s toriem i uranom. Moskva, "Nauka," 1968. 333 p.

[Physical chemistry of titanium alloys] Fiziko-khimia splavov titana. Moskva, "Nauka," 1968. 274 p.

Shalov, Anatoli Iakovlevich and Kharin, Igor' Kirillovich.
[Laboratory work in physical chemistry] Praktikum po fiziko-khimii. Moskva, "Vyssh. shkola," 1968. 234 p.

Skargal, Jan and Petek, Ryszard.
[Energy. Translated from the Polish] Energiya. Pod red. V. M. Brodskogo. 2nd. perebot. i dop. Moskva, "Nauka," 1968. 379 p.

Danaskin, Boris Borisovich, and others.
[Adsorption of organic compounds on electrodes] Adsorbtzia organicheskikh soedinenii na elektrodakh. Moskva, "Nauka," 1968. 333 p.

541.15 Colloid chemistry. Capillary chemistry

Razuvayev, Anatoli Gennadiyevich.
[Colloid chemistry] Kolloidnaya khimiya. Pod red. V. A. Karginy. 3-4 izd. Moskva, "Vyssh. shkola," 1968. 323 p.

541.48 Complex compounds

Arden, Edgar Iul'evich.
[Complex compounds] Kompleksnye soedinenia. Moskva, "Vyssh. shkola," 1968. 174 p.

541.6 Chemical structure in relation to properties

Razuvayev, Anatoli Gennadiyevich, and Anatoli Vasil'evich Vashkov.
[Organic semiconductors and biopolymers. Electrical conductivity and physicochemical properties] Organicheskie poluprovodniki i biopolimery. Elektroprovodnost' i fiz.-khim. svoystva. Moskva, "Nauka," 1968. 181 p.

542 Experimental and preparative chemistry. Laboratory equipment and technique

Razuvayev, Anatoli Gennadiyevich.
[Fundamentals of the organization of work at a secondary-epidemiological station] Osnovy organizatsii laboratornoy raboty sanitarno-epidemiologicheskikh stantsii. Moskva, "Meditsina," 1968. 196 p.

Shalov, Anatoli Iakovlevich and Kharin, Igor' Kirillovich.
[Laboratory work in physical chemistry] Praktikum po fiziko-khimii. Moskva, "Vyssh. shkola," 1968. 234 p.

[Textbook of clinical and laboratory examination methods] Posobie po kliniko-laboratornykh metodam issledovaniya. 2nd. 3-4 izd. perebot. i dop. Leningrad, "Meditsina," 1968. 288 p.

542.8 Chemical operations

De la Mare, P. B. D., and B. Bolton.
[Electrolytic additions to unsaturated systems. Translated from the English] Elektrofil'nye priroednennye k nesytym sistemam. Pod red. V. I. Solov'eva. Moskva, "Mir," 1968. 288 p.

543 Analytical chemistry

Gavrilin, Nikolai Gennadiyevich, and others.
[Accelerated methods of controlling the quality of petroleum products] Uskorennyye metody kontrolya kachestva nefteproduktov. Moskva, "Transport," 1967. 77 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut shchelazheniya i transporta. Trudy, vyp. 344.)

Tikhonov, Igor' Konstantinovich.
[Course in analytical chemistry] Kurs analiticheskoy khimii. 2-4 izd. Moskva, "Vyssh. shkola," 1968. 479 p.

543.8 Special chemical methods of analysis and assay

Belikov, Anatoli Ivanovich.
[Determination of pH. Theory and practice. Translated from the English] Opredeleniye pH. Teoriya i praktika. Pod red. N. P. Mikol'skogo i M. M. Shul'tsa. Leningrad, "Khimiya," 1968. 288 p.

[Bibliographical index on polarography] Bibliograficheskii ukazatel' literatury po polarografii. Kishinev. Vyp. 1. 1955-1956 gg. No. 1-612. 1959. 160 p.

Kryzha, Aleksandr Polikarpovich.
[Colorimetric analysis] Kolorimetricheskii analiza. 2nd. 3-4 izd. perebot. i dop. Leningrad, "Khimiya," 1968. 108 p.

543.4 Optical, visual methods: coloration, etc.

Phillips, J. C.
[The (conformational) optical spectra of solids. Translated from the English] Opticheskie spektry tverdykh tel v otnoshenii sobornogo poglosheniya. Perevod s angl. I. O. A. Malchukova. Pod red. V. P. Khuma. Moskva, "Mir," 1968. 176 p.

543.43 Spectrum analysis (spectrometry, spectroscopy, etc.)

Teplov, Konstantin Ivanovich.
[Spectrum analysis of metals and alloys with preliminary sampling] Spektrolyy analiz metallov i splavov s predvaritel'nykh otborom proby. Moskva, "Metallurgiya," 1968. 168 p.

543.5 Physical chemical methods (other than optical)

Kol'tik, Iurii Ivanovich.
[Chromatography in wood chemistry] Khromatografiya v khimii dereviny. Pod red. V. I. Shukova. Moskva, "Leningradskiy universitet," 1968. 287 p.

543.8 Organic analysis

[Diagnosis of organic matter in rocks and minerals of magmatic and hydrothermal origin] Diagnostika organicheskikh veshchestv v gornykh porodakh i mineralakh magmaticheskogo i gidrotermalnogo proishozhdeniya. Moskva, "Nauka," 1968. 228 p.

548 Inorganic chemistry

[High-temperature inorganic coatings. Translated from the English] Vysokotemperaturnyye neorganicheskie pokrytiya. Pod red. D. A. Gumen'ko. Moskva, "Metallurgiya," 1968. 320 p.

548.1 Nonmetals, metalloids

Osipovich, Boris Davidovich, and Orlovskii, Grigoriy Davidovich.
[Fluorine in the prevention of dental caries. Textbook for students and physicians] Flor v profilaktike kariesov zubov. Obshcheye posobie dlya studentov i vrachei. Moskva, 1964. 241 p. (DNTM)

548.2 Nonmetals, metalloids of ash and other groups
[Oxidation of iron] Oksidatsiya zheleza. Moskva, "Nauka," 1968. 142 p.

Nikolaev, Aleksandrovich Teropov (1898-1968) Vses. stal'n. V. P. Baranovskogo. Bibliograficheskii ukazatel' literatury po khimii i fizike. Moskva, 1968. 68 p. (Literaturnyye obobshcheniya nauchnykh issledovaniy. Seriya khimicheskaya, vyp. 41)

548.3 Metals

Marshall, Walter A.
[Pseudopotentials in the theory of metals. Translated from the English] Pseudopotentsialy v teorii metallov. Moskva, "Mir," 1968. 364 p.

548.4 Metals of the second group. Alkaline earths

[Oxidation of iron] Oksidatsiya zheleza. Moskva, "Nauka," 1968. 142 p.

548.7 Metals of the sixth, seventh, eighth groups

Kuznetsov, Vladimir Ivanovich.
[Transuranium elements] Transuranyye elementy. Moskva, "Nauka," 1968. 48 p. (Novoe v khimii, nauka, tekhnika. Seriya "Vyssh. shkola. Astrofizika," 1.)

Pavlov, Pyotr Moiseyevich, and Kozlov, Aleksandr Kirillovich.
[Molybdenum and tungsten] Molibden i volfram. Moskva, "Nauka," 1968. 141 p.

Pyatina, Lilia Ivanovna, and others.
[Molybdenum disulfide, its properties and uses] Disulfid molibdena, ego svoystva i primeneniye. Kiev, "Naukova dumka," 1968. 80 p.

548.7(574)—Kuznetsov, V. S. R.

Trakov, Pyotr Kirillovich.
[Uranium in granitoides of the Gail'sed region (central Kazakhstan)] Uran v granitoidakh raiona Gail'sed. (TSentral'nyi Kazakhstan). Leningrad, "Nauka," 1967. 79 p.

547 Organic chemistry

Rozenskaya, Leonida Iosifovna, and Anatoli Vasil'evich Vashkov.
[Organic semiconductors and biopolymers. Electrical conductivity and physicochemical properties] Organicheskie poluprovodniki i biopolimery. Elektroprovodnost' i fiz.-khim. svoystva. Moskva, "Nauka," 1968. 181 p.

Pol'shakov, Gennadiy Fedorovich, and Oskovskiy, Aleksandr Aleksandrovich.
[Table of the frequencies of infrared spectra of hetero-organic compounds (Wave numbers and wave lengths)] Tablitsa chastot infrakrasnykh spektrov geteroorganicheskikh soedinenii. (Volnyye chisla i dliny voln). Leningrad, "Khimiya," 1966. 128 p.

547.3 Unsaturated (alkene and alkene) compounds

De la Mare, P. B. D., and B. Bolton.
[Electrophilic additions to unsaturated systems. Translated from the English] Elektrofil'nye priroednennye k nesytym sistemam. Pod red. V. I. Solov'eva. Moskva, "Mir," 1968. 288 p.

547.8 Natural substances (of unknown composition)

Plavsky, A. M., and others.
[Protein hydrolysis] Bolkovyye gidrolizaty. Leningrad, "Meditsina," 1968. 163 p.

Porokhin, Konstantin Iul'evich, and others, Vladimir Aleksandrovich.
[Synthesis of polyaniline and regular polypeptides] Sintez polianilina i regulirnykh polipeptidov. Otv. red. I. U. Rumyantsev. Dushanbe, "Dushanbe," 1968. 247 p.

548 CRYSTALLOGRAPHY

[Methods and instruments for testing the quality of ruby crystals] Metody i pribory dlya kontrolya kachestva kristallov rubina. Moskva, "Nauka," 1968. 105 p.

548.4 Crystal lattices. Irregularities, inclusions, distortions

Hilli, Derek.
[Introduction to dislocations. (Structure and properties of dislocations). Translated from the English] Vvedeniye v dislokatsii. (Struktura i svoystva dislokatsii). Pod red. V. M. Bykova. Moskva, Akademiya, 1968. 280 p.

549 MINERALOGY

[Diagnosis of organic matter in rocks and minerals of magmatic and hydrothermal origin] Diagnostika organicheskikh veshchestv v gornykh porodakh i mineralakh magmaticheskogo i gidrotermalnogo proishozhdeniya. Moskva, "Nauka," 1968. 228 p.

Orlov, Nikolai Petrovich and Krut'kov, Aleksandr Borisovich.
[The technology of fluorine] Tekhnologiya flory. Moskva, Akademiya, 1968. 188 p.

549 (479.103)—Compendium countries of the world

Kryzha, Boris Konstantinovich, and Golov, Aleksandr Borisovich.
[Geology and minerals of the member countries of the Council for Mutual Economic Assistance. (Short sketch)] Geologicheskoe stroeniye i poleznyye iskopayemyye skazny -- skaznyy SVV. (Kratkiy ocherk). Moskva, "Nedra," 1968. 67 p.

549 (471.21)—Murmansk Province

[Studies on the petrology, mineralogy, and metallurgy of granites of the Kola Peninsula] Ocherki po petrologii, mineralogii i metallurgii granitov Kol'skogo polostrova. Leningrad, "Nauka," 1968. 283 p.

549 (479.24)—Azerbaijan S. S. R.

Moldavskiy, A. I.
[Mineralogy and conditions governing the formation of cobalt ores in the Southern Dnieper deposit] Mineralogiya i usloviya formirovaniya kobaltovykh rud Dniep'ro-Donetsko-Kavkazskogo mestorozhdeniya. Bakov, Azerbaidzhan, 1968. 202 p.

849 (571)—Amalie R. S. F. S. R.
[Mineralogical and petrographic studies of Transbaikalia]
Mineralogico-petrograficheskie issledovaniya Zabaikal'ya.
Ulan-Ude, Buriat. kn. izd., 1968. 171 p.

85 GEOLOGY AND COLLATERAL SCIENCES. METEOROLOGY

850.3 Geophysics

Yal'tman, Plakhas Avramovich.

[Construction of apparatus for geophysical studies of boreholes] Konstruktsiya apparatury dlya geofizicheskikh issledovaniy skvazhin. Moscow, "Nedra," 1968. 279 p.

850.34 Seismology

[Fundamental experimental regularities of the dynamics of seismic waves] Osnovnye eksperimental'nye zakonomernosti dinamiki seismicheskikh voln. Moscow, "Nauka," 1968. 257 p.

Rezhinskiy, Vasilii Petrovich.

[Seismic studies in boreholes. (Problems in theory and methodology)] Seismicheskie issledovaniya v skvazhinakh. (Voprosy teorii i metodiki). Kiev, "Naukova dumka," 1968. 148 p.

[UNESCO seismological missions to South America, the Mediterranean and Middle East. Translated from the English] Seismologicheskie missii IUNESKO v strany Iuzhnogo Ameriki, srednykh Sredizemnogo morya i Srednego Vostoka. Pod red. M. V. Shkalina. Moscow, "Nauka," 1968. 109 p.
(HND)

850.34 (571)—Amalie R. S. F. S. R.

[Seismotectonics and seismicity of the rift system of the Lake Balkh region] Seismotektonika i seismicheskaya riftingovaya sistema Pribaikal'ya. Moscow, "Nauka," 1968. 120 p.

850.4 Geochemistry

Khachatryan, K. I.

[Applied geochemistry. With a chapter of comparative geochemistry. Translated from the English] Prikladnaya geokhimiya. S glavoй sravnitel'noy geokhimiyei L. Kh. Aramyan. Pod red. L. V. Komleva. Leningrad, "Nedra," 1968. 264 p.

850.4 (570)—Iran

Geokhimiya, Arman Aramovich.

[Geological and geochemical characteristics of the formation of oil and gas in the South Caspian Lowland] Geologo-geokhimitskiye osobennosti neftegazobrazovaniya v Iuzhno-Kaspiiskom vyuzh'ye. Moscow, "Nedra," 1968. 100 p.

850.45 Practical and applied geology. Flotation, Prospecting

[Geochemical prospecting for endogenous deposits of rare elements. (An excerpted by translation)] Geokhimitskiye poskvy endogennykh mnestoborzhdeniy redkikh elementov. (Na primere tsinta). Moscow, "Nedra," 1968. 264 p.

Seleznev, Aleksandr Georgiyevich.

[Electro prospecting by the method of natural electric field] Elektronnaya metoda elektromagnitnogo elektromagnitnogo poia. Leningrad, "Nedra," 1968. 180 p.

Yashchuk, Vladimir Mitrofanovich.

[Organization and planning of work in geological prospecting teams] Organizatsiya i planirovaniye raznoyaznogo khimicheskogo i geologorazvedochnykh partiyakh. Moscow, "Nedra," 1968. 228 p.

Yal'tman, Plakhas Avramovich.

[Construction of apparatus for geophysical studies of boreholes] Konstruktsiya apparatury dlya geofizicheskikh issledovaniy skvazhin. Moscow, "Nedra," 1968. 279 p.

850.9 Geological time and age measurement

Hamilton, K. I.

[Applied geochronology. With a chapter of comparative geochronology. Translated from the English] Prikladnaya geokhronologiya. S glavoй sravnitel'noy geokhimiyei L. Kh. Aramyan. Pod red. L. V. Komleva. Leningrad, "Nedra," 1968. 266 p.

851 General geology. Meteorology. Climatology. Biogeography

[Geology and climate] Geologiya i klimat. Pod obshch. red. A. A. Borovogo. Moscow, "Energia," 1967. 308 p.

Pyatkov, Pyatkovskiy Nikolayevich and Parfilyev, Zola Georgiyevna.

[Fundamentals of geology. (General geology with elements of crystallography, mineralogy, and petrography)] Osnovy geologii. (Obshchaya geologiya s elementami kristallografiy, mineralogii i petrografii). Moscow, "Nedra," 1968. 361 p.

851 (555.5)—Black Sea

[Geology of water areas of the Sea of Azov] K geologii skvazhin Azovskogo morya. Kiev, "Naukova dumka," 1968. 79 p.

851 (4/8.103)—Communist countries of the world

Prokopy, Boris Viktorovich, and Golov, Aleksei Viktorovich.

[Geology and minerals of the member countries of the Council for Mutual Economic Assistance. (Short sketch)] Geologicheskoe stroenie i poleznyye iskopnye skaza - chlenov SVET. (Kratkiy ocherk). Moscow, "Nedra," 1968. 87 p.

851 (574)—Kazakhstan S. S. R.

[Geology and rare metal mineralization of southern Kazakhstan] Geologiya i radioaktivnoye orudeniye Iuzhnogo Kazakhstana. Alma-Ata, "Nauka," 1968. 228 p.

851.1 Physical geology

Isakov, Shakhmat Parfilyevich and Kravchenko, Kalina Viktorovich.

[The methods and problems of ultradiaphe] Metody i problemy avtodiaphe. Baku, Asranashir, 1968. 118 p.

851.1 (234)—Mountains of Europe

[Subsurface structure of the Ural] Ghiblinoe stroenie Urals. Moscow, "Nauka," 1968. 283 p.

851.1 (72)—United States of America

Crosby, W.

[Why the Mohole. Translated from the English] Prochi "Mokhol." Pod red. A. P. Vinogradova. Moscow, "Mir," 1967. 158 p.

851.2 Internal geodynamics. Endogenous processes

Akhanov, Boris Leonidovich.

[Basic structural elements of the earth's crust. Survey lectures on the course "Structural geology and geological mapping" for students of mining and petroleum departments] Osnovnye strukturnyye elementy zemnoy kory. Obshchaya lektitsiya po kursu "Strukturnaya geologiya i geologicheskoe kartirovaniye" dlya studentov gornogo i neftegazovogo fakul'tetov. Moscow, Neftskhokhimiya i shchit' oil, 1967. 30 p.

[Geology of the U. S. S. R. in six volumes] Geologicheskoe stroenie SVET. V 6-ti t. Glav. red. K. T. Shalov. Moscow, "Nedra,"

T. 2. [Tectonics] Tektonika. Otv. red. T. M. Spitsynskiy. 1968. 236 p.

851.2 (234)—Mountains of Europe

[Mesozoic tectonics of the eastern slope of the Southern Ural and the southern part of the Trans-Ural region] Tektonika mezozoya vostochnogo sklona Iuzhnogo Urals i Iuzhnogo Zabaikal'ya. Moscow, "Nauka," 1968. 108 p.

851.2 (479.23)—Armenia S. S. R.

[Relation of the Cretaceous and Paleogene volcanism of Armenia to the types of development of geosynclinal troughs] Svyaz' mezozoya i paleogennogo vulkanizma Armenii s tipami razvitiya geosinklinal'nykh progl'bov. Moscow, "Nauka," 1968. 148 p.

851.2 (571)—Amalie R. S. F. S. R.

Isakov, Shakhmat Parfilyevich.

[Basic characteristics of the Mesozoic tectonics of the Lake Balkh region and Transbaikalia] Osnovnye cherty mezozoyatskoy tektoniki Pribaikal'ya i Zabaikal'ya. Moscow, "Nauka," 1968. 127 p.

851.3 External geodynamics. Exogenous processes

[Fossil reefs and the methodology of studying them. Transactions of the 3d Paleogeological and Lithological Session] Izkopnyye rify i metodika ikh issledovaniya. Trudy Tret'ey paleogeolog. i litolog. sessii. Sverdlovsk, 1966. 263 p.

[Volcanic formations of the Ural] Vulkanicheskie obrazovaniya Urals. Sverdlovsk, 1968. 208 p.

851.3 (234)—Mountains of Europe

[Paleozoic volcanism and pyrite deposits in the Southern Ural] Paleozoyatskiy vulkanizm i kirobednyye mnestoborzhdeniya Iuzhnogo Urals. Pod red. G. F. Ikhovleva. Moscow, Izd. Mosk. un-ta, 1968. 261 p.

851.3 (550)—Antarctica. South Polar region

Isakov, K. A.

[Basic morphological characteristics of Ant] Osnovnye morfolozicheskiye kharakteristiki Ant. Moscow, "Nauka," 1968. 70 p. (Akadem. SVET, Mezhdunarodnyy geofizicheskiy kon IX razdel programmy MGU Glaznizologiya. Ser. statist. no. 19).

851.4 Geomorphology

Borshchovskiy, I. U. T.

[Mechanics of multicomponent media] Voprosy mekhaniki mnogokomponentnykh sred. Pod red. A. M. Pohnina. Novosibirsk, Krasnoyarskiy kn. izd. 1967. 120 p. (Novosibirsk. Institut fiziki vodnogo transporta. Trudy, no. 37).

[Geomorphological and hydrological studies] Geomorfologicheskie i gidrologicheskie issledovaniya. Izd. Mosk. un-ta, 1968. 208 p.

851.4 (471.57)—Daghestan A. S. S. R.

Isakov, Shakhmat Viktorovich.

[Daghestan. Leningrad, Gidrometeoizdat, 1968. 87 p.

851.45 Plains, prairies, steppes, etc. Desert

Krasov, Genon Viktorovich.

[Shield formation in a semidesert] Kaskhskoe issledovaniye v potopustyye. Moscow, "Leningradskiy prom-st," 1968. 119 p.

851.46 Surface waters

Kartvelishvili, Nikolai Arkhipovich.

[Unsteady open flow] Neustoiyivaya ot potoki. Leningrad, Gidrometeoizdat, 1968. 126

[Maintenance and repair of hydrological instruments the study of rivers and seas] Krasovskiy i reki reki i morskikh gidrologicheskikh priborov. Leningrad, Gidrometeoizdat, 1968. 348 p.

[Problems of streamflow] Problemy rechenogo stoka. Pod red. V. D. Bykova. Moscow, Izd. Mosk. un-ta, 1968. 123 p.

851.46 (471.22)—Kazakhstan A. S. S. R.

[Kazakhstan. Leningrad, Gidrometeoizdat, 1968. 87 p.] [Preliminary results of work of the Joint Expedition on the Study of Lake Urmia 1968] Predvaritel'nye rezultaty rabot... v 1968. Petrozavodsk, Kareli. kn. izd. Vyp. 2. 1967. 72 p.

851.46 (577)—Central Asia

Golov, G. M.

[Formation of streamflow in mountain glaciers (based on studies in the central Tien Shan)] Forvare rechenogo stoka v gorno-lesnykh rayonakh (po issledovaniyam v Tsentral'nom Tien'-Shane) skva. "Nauka," 1968. 84 p. (Akadem. SVET, Mezhdunarodnyy geofizicheskiy kon IX razdel programmy MGU Glaznizologiya. Ser. statist. no. 19).

851.46 Underground waters

[Geomorphological and hydrological studies] Geomorfologicheskie i gidrologicheskie issledovaniya. Izd. Mosk. un-ta, 1968. 208 p.

851.46 (479.23)—Georgian S. S. R.

[Mineral on the climate of the U. S. S. R.] Spetsial'nyye khimicheskiye, Leningrad, Gidrometeoizdat. Vyp. 14. [Georgian S. S. R.] Grachevskiy SVET. Ch. 1. [Solar radiation, radiation balance, as sunshines] Solnechnaya radiatsiya, radiatsionnyy balans i solnechnoe zheniye. 1968. 72 p.

851.5 Meteorology. Climatology

Golov, Lev Georgiyevich and Dubov, Aleksei Sergeyevich.

[Numerical methods for short-term weather forecasting] Chislennyye metody kratkorochnogo prognoza. Pod red. M. I. Iudina. Leningrad, Gidrometeoizdat, 1968. 427 p.

International Symposium on Dynamics of Large-Scale Atmospheric Processes, Moscow, 1968

[Dynamics of large-scale atmospheric processes. Transactions of an international symposium held Moscow, June 23-30, 1968] Dinamika krasnykh skhlyat atmosferykh protsessov. Trudy Mezhdunarodnogo simpoziuma, Moskva, 23-30 iyunya 1968. I. A. S. Moscow. [Moscow, "Nauka," 1968. 484 p. Russian and English]

Kartvelishvili, Nikolai Arkhipovich.

[Unsteady open flow] Neustoiyivaya ot potoki. Leningrad, Gidrometeoizdat, 1968. 126

- Yegorov, R. L.**
[Vegetation and hydrology. Translated from the English] *Russkaya i vostochnaya*. Leningrad, Gidrometeoizdat, 1968. 162 p.
- Boh, H. U.**
[Physics of the marine atmosphere. Translated from the English] *Prizma atmosferykh protsessov nad morskoy*. Leningrad, Gidrometeoizdat, 1968. 200 p.
- 651.5(578)—Central Asia**
Ushakov, Aleksandr Alekseyevich.
[New Robinsons] *Shchitovaya Robinsonada*. Moskva, "Mysl", 1968. 130 p.
- 651.5(58)—Antarctica. South Polar regions**
Stepov, Andrei Yevgenyevich.
[Case in Antarctica] *Osnovy v Antarktide*. Moskva, "Mysl", 1967. 140 p. (Akademika nauk SSSR. Moskva, vostochnyye geofizicheskiye issledovaniya. Meteorologiya, no. 14).
- 651.5(59)—Geology. Stratigraphy**
[Geology of the U.S.S.R. in 6 volumes] *Geologicheskoe stroenie SSSR. V 6-ti t.* Glav. red. R. T. Statulov. Moskva, "Mysl", 1968.
T. 1. [Stratigraphy] *Stratigrafiya*. Glav. red. A. I. Zaslavskiy. 1968. Tl. p.
- 651.7(534)—Mountains of Europe**
[Mesozoic tectonics of the eastern slope of the Southern Ural and the southern part of the Urals-Ural region] *Tektonika mezozoi vostochnogo sklonov Uralnogo Urala i Uralnogo Zaurala*. Moskva, "Mysl", 1968. 100 p.
- 651.7(478.26)—Armenian S. S. R.**
[Relation of the Cretaceous and Paleogene volcanism of Armenia to the types of development of geosynclinal troughs] *Brizna' arm'yevogo i paleogenezovogo vulkanizma Armenii s tipami razvitiya geosinklinal'nykh progl'bov*. Moskva, "Mysl", 1968. 150 p.
- 651.7(571)—Asia. R. S. F. S. R.**
Klyk, Evgenii Alekseyevich.
[Tribolites (Devonian) and the stratigraphy of the Lower and Middle Devonian of the southern part of Western Siberia] *Tribolity (devonizidy) i stratigrafiya nizhnego i srednego devona juga Zapadnoi Sibiri*. Moskva, "Mysl", 1968. 150 p.
- 651.7(578)—Central Asia**
Bocharov, Andrei Viktorovich.
[Red shales of Central Asia] *Krasnotsvetnyye shaly Srednei Azii*. Leningrad, "Mysl", 1968. 122 p.
- 651.7(578.3)—Tajik S. S. R.**
[Magmatism and metallogeny of Tajikistan] *Magmatizm i metallogeniya Tadzhikistana*. Dushanbe, "Doshanbe", 1968. 192 p.
- 653 Economic geology. Minerals. Ore**
[Geological prospecting for endogenous deposits of rare elements. (As exemplified by tantalum)] *Geokhicheskoye poiskovoye endogennykh raznoobraznykh redkikh elementov. (Na primere tantala)*. Moskva, "Mysl", 1968. 204 p.
- Gershberg, Yuriy Gerasimovich.**
[Comparison of iron ores and their economic viability] *Vostochnyye i zapadnyye zheleznyye rudy i ikh ekonomicheskaya otsenka*. Moskva, "Mysl", 1968. 200 p.
- [Methods of correlating coal-bearing formations and the synthesis of coal beds] *Metody korrelyatsii uglenosnykh sloev i sinteza uglek*. Leningrad, "Mysl", 1968. 332 p.
- 653(534)—Mountains of Europe**
[Paleozoic volcanism and pyrite deposits in the Southern Ural] *Paleozoicheskii vulkanizm i kirocheshcheye ruzheniye Uralnogo Urala*. Pod red. G. F. Iakovleva. Moskva, Izd. Mosk. un-ta, 1968. 201 p.
- 653(471.81)—Murmansk Province**
Gortsev, Gerasim Viktorovich.
[Geology and genesis of copper-nickel sulfide deposits in the Pecheng region] *Geologiya i genesis sulfidnykh miedno-nikelovykh ruzheniye Pechengskogo polost'ya*. Moskva, "Mysl", 1968. 202 p.
- 653(471.8)—Ural regions**
Parlov, Nikolai Yevgenyevich and others.
[Chronicles of the Krasnoyarsk province] *Kronika Krasnoyarskogo plovoda*. Moskva, "Mysl", 1968. 179 p.
- 588(479.24)—Azerbaijan S. S. R.**
Makharadze, A. I.
[Microbiology and conditions governing the formation of oil and gas in the Southern Caucasus deposit] *Microbiologiya i usloviya formirovaniya neftnykh i gaznykh Ustao-Dzshkasskogo neftorozhdeniya*. Baku, Azerbaidzhan, 1968. 202 p.
- 653(574)—Kazakh S. S. R.**
[Geology and rare metal mineralization of southern Kazakhstan] *Geologiya i rednometal'noe ruzheniye Jilzhogo Kazakhstana*. Alma-Ata, "Mysl", 1968. 228 p.
- 653(578.2)—Tajik S. S. R.**
[Magmatism and metallogeny of Tajikistan] *Magmatizm i metallogeniya Tadzhikistana*. Dushanbe, "Doshanbe", 1968. 192 p.
- 653.9 Carbonaceous mineral deposits**
653.9(54)—Iran
Gopoldt, Armin Arminovich.
[Geological and geochemical characteristics of the formation of oil and gas in the South Caspian Lowland] *Geologo-geokhicheskoye obozneniye neftnykh i gaznykh Ustao-Dzshkasskogo neftorozhdeniya*. Moskva, "Mysl", 1968. 180 p.
- 66 PALEONTOLOGY. FOSSILS**
662 Systematic paleontology
Akademika nauk gruzinskoy SSR, Tbilisi, Institut paleontologii. [10th Scientific Session of the Institute of Paleontology, October 31-November 1-3, 1968. Abstracts of reports] *XII Nauchnaya sessiya Instituta paleontologii, 31 oktobra, 1-3 noyabrya 1968 g. Tselny doklady*. Tbilisi, "Metanarsha", 1968. 44 p.
- 663(571)—Asia. R. S. F. S. R.**
Klyk, Evgenii Alekseyevich.
[Tribolites (Devonian) and the stratigraphy of the Lower and Middle Devonian of the southern part of Western Siberia] *Tribolity (devonizidy) i stratigrafiya nizhnego i srednego devona juga Zapadnoi Sibiri*. Moskva, "Mysl", 1968. 150 p.
- 663(571.17)—Kemerovo Province**
Bashynskiy, Lyudmila Stepanovna.
[Early Carboniferous ostracods of the Kuznetsk Basin] *Rannokarbonovyye ostrakody Kuznetskogo basaina*. Moskva, "Mysl", 1968. 130 p.
- 67 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES**
674 General biology
Andrei Nikolayevich Balashov, Yurii Stepanovich A. B.
[Spiraea. Bibliography] *Spiraea. Bibliografiya*. Moskva, "Mysl", 1968. 62 p. (Materialy k bibliografii vostochnykh SSR. Seriya biokhimiya. Vyp. 7).
- [Ecological biogeography of coastal zones of the sea] *Ekologicheskaya biogeografiya priokreynnykh morskoy*. Kiev, "Naukova dumka", 1968. 180 p.
- [International biological programs. Discussions on current scientific problems] *Mezhdunarodnaya biologicheskaya programma. Besedy po aktual'nykh problemam nauki*. Moskva, "Znanie", 1968. 80 p. (Novoe v nauke, nauka, tekhnika. Seriya "Biologiya", 18).
- Tajik, Georgiy Filippovich.**
[Biology] *Biologiya*. Moskva, "Vyssh. shkola", 1968. 207 p.
- Odeskiy Universitet.**
[Twenty-first Scientific Conference of the Biology and Geography Departments. Abstracts of reports] *XXI nauchno konfrentsiya biologicheskoy i geograficheskoy fakul'tety. Tsey dopovidi, 30 beresnya-5 iyunya 1968 roka*. Odesa, 1968. 103 p. (MII).
- Odnova, Evgeniya P.**
[Ecology. Translated from the English] *Ekologiya*. Prilozh. V. V. Alpatova. Moskva, "Prosvetsheniye", 1968. 106 p.
- Bocharov, Vladimir Petrovich.**
[Biology of the sea] *Obozneniya morskoy*. Leningrad, "Naukova dumka", 1968. 270 p.
- [Theoretical and mathematical biology. Translated from the English] *Teoreticheskaya i matematicheskaya biologiya*. Moskva, "Mir", 1968. 448 p.
- 674.18 Space biology**
[Medical and biological studies in weightlessness] *Mediko-biologicheskaya issledovaniya v bezvazhnosti*. Pod red. V. V. Parina, I. I. Kuz'mina. Moskva, "Meditsina", 1968. 444 p.
- 678 Genetics. Evolution**
[Adaptation possibilities in aging organisms] *Prilozhenniya k vozmozhnosti staricheskogo organizma*. Kiev, 1968. 870 p.
- Mecherov, Nikolai Nikolayevich.**
[Practical genetics] *Prakticheskaya genetika*. Izd. 3-ye, ispr. i dop. Moskva, "Mysl", 1968. 204 p.
- Bashynskiy, Lyudmila Stepanovna.**
[Genetic control systems] *Geneticheskoye upravleniye sistemami*. Pod red. A. A. Lashinova. Novosibirsk, "Nauka", 1968. 180 p. (Kibernetika v monografiyakh, 3) (DMLM).
- Vladimir, Aleksandr Stepanovich.**
[Animal genetics] *Genetika zhivotnykh*. Moskva, "Vyssh. shkola", 1968. 308 p. (DMLM).
- Khilber, Lev Aleksandrovich.**
[Viral and genetic theory of the origin of tumors] *Viruso-geneticheskaya teoriya vuznikovaniya*.
- 678.3 General morphology and physiology**
[Materials of the 16th Scientific Review Conference (October 1968)] *Materialy XVI Nauchnoy konfrentsiyi (oktyabr' 1968 g.) Permi'*. Vyp. 2. 1968. 177 p.

Starichergoff, Vladimir Sergeevich.
[How to make use of the sun] Kak pol'zovat'sya solncom. Tashkent, "Meditsina," 1963. 23 p.
(DNLAM)

Tilla, Akbari Ilyevich.
[Bemodularity and biochemical shifts in sear hyperthermia] Bemodulnaya i biokhimiicheskie smeny pri solnechno-teplovom peregrevani. Tashkent, "Meditsina," 1964. 22 p.
(DNLAM)

612.6 Occupational and industrial hygiene

Bartov, Anatoli Mikhailovich.
[Working conditions, morbidity, and measures for its reduction in workers of the cellulose and paper industry] Usloviya truda, zabolevayemost' i meropriyatiya po ee smeneniya u rabotnikov tselulozno-bumazhnoy promyshlennosti. Moskva, "Meditsina," 1964. 184 p.

Kharvatskiy, Aleksandr Borisovich.
[Work hygiene in the production of natural silk] Gigiena truda v proizvodstve prirodnogo shelka. Moskva, "Meditsina," 1964. 143 p.

[Radiation hygiene] Raditsionnaya gigiena. Pod red. P. G. Kirova. Moskva, "Meditsina," 1963. 164 p.

Rabin, Vladimir Mikhailovich.
[Occupational hygiene of workers engaged in making lightweight artificial porous aggregates (granulite, expanded perlite and vermiculite, agioporite, etc.)] Gigiena truda rabotnikov pri izgotovlenii legkikh latsirovnykh poristyykh sploshnykh (granulit, vapochennykh perlit i vermiculit, agioporit i dr.). Moskva, Stroizdat, 1964. 26 p.

612.7 Exercise. Recreation. Rest. Sleep

Korovin, Georgii Leonidovich.
[Fatigue] Ustalomost. Moskva, 1964. 23 p.

Tamblin, Mikhail Borisovich.
[Hygiene in physical culture] Gigiena fizicheskoy kultury. Moskva, Tsent. nauch.-issl. in-t sportnogo proizvodstva, 1960. 41 p.
(DNLAM)

Vasilevskaya, Nina Mikhailovna.
[Physical culture for middle-aged and elderly persons] Fizicheskaya kul'tura dlya sredego i pozdnego vozrasta. Alma-Ata, "Kazakhstan," 1965. 14 p.
(DNLAM)

Zharinov, Evgenii Pavlovich.
[Theories of health. Daily physical exercises for elderly persons engaged in mental work] Sekrety zdorov'ya. Kakoboye fiz. uprazhneniye dlya pozhilykh lyudei umstv. truda. 2-e perebot. i dop. izd. Moskva, "Fizicheskaya i sport," 1964. 270 p.

612.8 Nervous and mental hygiene. Health and education, mental behavior

Gubelov, Aleksandr Aleksandrovich and others.
[Mental hygiene] Gigiena umstva. Izd. II, stereotip. Moskva, "Meditsina," 1965. 60 p.
(DNLAM)

Mikheeva, Angelina Mikhailovna.
[Hygiene problems in sex education of preschool children. Methodological textbook for medical workers and teachers of kindergartens] Higienicheskie voprosy v polovom vospitani detei dshkol'nogo vozrasta. Metodicheskoe posobie dlya meditsinskikh rabotnikov i vospitatelei detskiykh lyudei-sdov. Moskva, 1964. 17 p.
(DNLAM)

612.9 Hygiene in relation to race, age and sex

[Correspondence course of lectures for mothers] Korespondentskiy kurs lektsii dlya materей. Moskva, "Meditsina," 1964. 166 p.

Klimova, Anna Arkad'evna.
[Specific prevention of tuberculosis in children] Spetsificheskaya profilaktika tuberkuleza u detei. Moskva, "Meditsina," 1964. 320 p.

Kukitskiy, Boris Anatol'evich.
[Physical education of adolescents] Fizicheskiye vospitaniye podrostkov. Alma-Ata, "Kazakhstan," 1965. 80 p.
(DNLAM)

Mikheeva, Angelina Mikhailovna.
[Hygiene problems in sex education of preschool children. Methodological textbook for medical workers and teachers of kindergartens] Higienicheskie voprosy v polovom vospitani detei dshkol'nogo vozrasta. Metodicheskoe posobie dlya meditsinskikh rabotnikov i vospitatelei detskiykh lyudei-sdov. Moskva, 1964. 17 p.
(DNLAM)

Martynov, Evgenii Pavlovich.
[Theories of health. Daily physical exercises for elderly persons engaged in mental work] Sekrety zdorov'ya. Kakoboye fiz. uprazhneniye dlya pozhilykh lyudei umstv. truda. 2-e perebot. i dop. izd. Moskva, "Fizicheskaya i sport," 1964. 270 p.

614 Public health and safety

Bogolev, Lyubimil Georgiev.
[M. K. Volynskaya. Scientific and methodological activity in sanitary education] Nauchnaya i metodicheskaya deyatelnost' po sanitarnomu prosvetsheniyu. Moskva, In-t sanitarnogo proizvodstva, 1964. 24 p.
(DNLAM)

**[Manual to aid the district physician] Sbornik v pomoeshch' okruzhnykh vracham. Tbilisi, "Meditsina i kurorty," 1967. 143 p.
(DNLAM)**

Ravashvili, David Borisovich.
[Fundamentals of the organization of work at a sanitary-epidemiological station] Osnovy organizatsii laboratornoy raboty sanitarno-epidemiologicheskikh stantsii. Moskva, "Meditsina," 1963. 198 p.

Sakoy, Aleksandr Georgievich.
[Health of the people as public wealth] Zdorov'ye naroda - obshchestvennoye bogatstvo. Moskva, "Znanie," 1964. 61 p. (Nivosa v znanii, nauche, tekhnike i berite "Meditsina," II).

614.3 Official and professional organization

Mirgurovskaya, Nina Markovna.
[Korea's work in a ward of newborn infants] Rabota sestry v palate novorozhdennykh. Izd. 2-o, Moskva, "Meditsina," 1963. 172 p.

614.3 Food, drugs, health and sanitary inspection, supervision and control

Samoylov, Igor' Grigorievich.
[Sanitary technique in public food service] Sanitarnaya tekhnika v obshchestvennom pitanii. Izd. 2-o, perebot. i dop. Moskva, "Gigiyena," 1964. 224 p.

614.3 Accidents: prevention, protection, safety

Belitsky, M. M. and others. COMPS.
[Handbook on safety measures in agriculture] Spravochnik po bezopasnosti v sel'skom khozaystve. 2-o izd., perebot. i dop. Moskva, "Kolos," 1963. 340 p.

Goldov, Sergei Mikhailovich.
[Prevention and treatment of poisonings with organophosphorus insecticides] Profilaktika i lecheniye otravleniy fosfororganicheskimi insektitsidami. Moskva, "Meditsina," 1965. 166 p.

Korovin, Georgii Leonidovich.
[Industrial sanitation and safety in shipbuilding] Promyshlennaya sanitatsiya i bezopasnost' v sudostroyenii. [Leningrad, "Sudostroyeniye," 1963]. 106 p.

[Manual on rules on safety engineering and industrial sanitation in the timber, cellulose-paper, wood-working enterprises and in forestry] Sbornik pravil po tekhnicheskoy bezopasnosti i proizvodstvennoy sanitatsii dlya predpriyatiy lesnoi, tselulozno-bumazhnoy, derevozobrabatuyushchey promyshlennosti i lesnogo khozaystva. Moskva, "Lesnaya prom-st'," 1964. 670 p.

[Recommendations on the methodology of the analysis of occupational injuries in construction work] Rekomendatsii po metodike analiza proizvodstvennogo travmatizma v stroitel'stve. Moskva, Stroizdat, 1964. 73 p.

[Safety rules in (room refrigerating plants) Pravila tekhnicheskoy bezopasnosti na (rezoverykh kholodil'nykh ustroystvakh. Moskva, 1967. 113 p.

614.9 First aid. Ambulance service

[Instruction on diagnosis and medical aid in some emergency states. (For on-call doctors of first and emergency aid)] Priblizheniya po diagnostike i lekcheniyu neotlozhnykh pomoeshch' pri neotlozhnykh sostoyaniyakh (dlya vyevydykh vrachei skvori i neotlozhnoy pomoeshch' [Izd. 2-o, dop. i perebot.], Moskva, "Znanie," 1964. 144 p.

Kotok, Vladimir Oskopovich.
[Aid in poisonings] Pomoshch' pri otravleniyakh. Izd. 2-o, perebot. i dop. Tashkent, "Meditsina," 1964. 320 p.

Tarasy, Mikhail Mikhailovich and Vladimir Oskopovich.
[For the kama Hie] Za zhizn' obelovet. Moskva, "Mest, rabotai," 1966. 143 p.

615 Pharmacy. Pharmacology. Toxicology

Botkova, Vera Pavlovna.
[Essays on experimental, age-related pharmacology] Ocherki po eksperimental'noi i vozrastnoi farmakologii. Leningrad, "Meditsina," 1964. 223 p.

615.3 Organic matter: medicine

Mechanisms of the cardiotoxic effect of cardiac glycosides] Mekhanizmy kardiotoksicheskogo deystviya serdetsnykh glikozidov. Leningrad, "Meditsina," 1964. 213 p.

Ribov, Sergei Ivanovich.

[Hormone therapy in diseases of the thyroid gland] Gormonoterapiya zabolevaniy shchitovidnogo zheleza. Tashkent, "Meditsina," 1963. 127 p.

615.8 Pharmacodynamics. Pharmacology

Lapshin, Teodor Mikhailovich.
[Hemocoopathy. Basic problems] Gemoopatiya. Osnovnye problemy. Pod red. V. I. Lapshina. 2 izd., 1-ye i dop. Moskva, 1964. 252 p.
(DNLAM)

[Pharmacology of cardiovascular substances. Collection of studies] Farmakologiya sordtsivnykh veshchestv. Sbornik nauchnykh rabot. Kiyev, "Zdorov'ya," 1964. 237 p.
(MDCO)

615.8 Psychotherapy and other treatments

Gold'berg, Mikhail Grigorievich.
[Physical factors in compound treatment of diseases] Fizicheskie faktory v slozhnom lechenii raznykh bolezney. Moskva, "Meditsina," 1964. 166 p.
(DNLAM)

[Physical and health-restoration factors and their therapeutic use] Fizicheskie i kurortnyye faktory i ikh lecheniye primeneniye. Kiyev, "Zdorov'ya," 1965. 224 p.
(DNLAM)

Telitskiy, Sergei Romanovich.
[Sanatorium and health-restoration treatment of diseases] Sanatorio-kurortnoe lecheniye i restoratsionnoe lecheniye. Moskva, "Meditsina," 1965. 31 p.
(DNLAM)

Vasilevskaya, Nina Mikhailovna.
[Physical culture for middle-aged and elderly persons] Fizicheskaya kul'tura dlya sredego i pozdnego vozrasta. Alma-Ata, "Kazakhstan," 1965. 14 p.
(DNLAM)

Vasilevskaya, Nina Mikhailovna.
[Physical culture for middle-aged and elderly persons] Fizicheskaya kul'tura dlya sredego i pozdnego vozrasta. Alma-Ata, "Kazakhstan," 1965. 14 p.
(DNLAM)

615.9 Toxicology. Poisons

[Collection of official materials on the control of chemicals used in agriculture] Sbornik ofitsial'nykh materialov po kontrolyu i ispol'zovaniyu khimicheskikh sredstv v sel'skom khozaystve. [Moskva, "Kolos," 1964. 407 p.
(CU)]

Kotok, Vladimir Oskopovich.
[Aid in poisonings] Pomoshch' pri otravleniyakh. Izd. 2-o, perebot. i dop. Tashkent, "Meditsina," 1964. 320 p.

616 Disease. Pathology and medicine

Dezhnev, T. I.
[Summary of lectures on pathological physiology] Resyume lektsii po patofiziologii (1964). 2-o izd., Ch. I. Izd. 2-o. 1964. 180 p.

Krishtman, Vladimir Ivanovich.
[Internal diseases. (With fundamentals of pathology and maintenance of patients)] Vnutrennie bolezni. (S osnovami patologii i udrzheniya bol'nykh). Moskva, "Meditsina," 1964. 448 p.

[Materials of the 84th Scientific Review Conference (October 1964)] Materialy XXVI nauchnoy konferentsii (oktyabr' 1964 g.) Peris' Vyp. 2. 1965. 177 p.

616.00 Hered. processes. Lesons

Kisev, Petr Mikhailovich.
[Chronic radiation sicknesses] Khronicheskiye isobeyaniya bolezni. Moskva, "Meditsina," 1964. 24 p.

Pravdin, G. A.
[For the stout and adipose] Tolyayut li "staryye" i "zhirnyye"? Kz. Izd., 1964. 142 p.

616.001 Traumatic lesions, injuries, burns, etc.

Boeva, Marianna Mikhailovna.
[Essays on pathophysiology of acute and chronic trauma] Ocherki po patofiziologii ostroykh i khronicheskikh travmat. Moskva, "Meditsina," 1964. 221 p.

Zhukha, A. A.
[General reactivity of the body at late periods following acute radiation sicknesses] Obshchaya reaktivnost' organizma v pozdnem periode posle ostroykh isobeyaniy radiatsionnoy bolezni. Kishinev, "Tsitika meditsinskaya," 1964. 179 p.

- 1080

616.5 Urology

Pytel, Asem [Akhmetovich, and others].
[New methods of detecting pyuria in pyelonephritis]
Novye metody vyklyucheniya okisli pri glavnomu.
Moskva, "Meditsina," 1968, 79 p.

616.7 Diseases of the locomotor (skeletal) system

Pytel, Mikhail Akhmetovich, and L.I. Anisimov Dostoevskiy.
[Rheumatoid arthritis of the wrist and fingers]
Revmaticheskoe sushchivost' zapust' i pal'tov.
Leningrad, "Meditsina," 1968, 103 p.

Kita, Isak Leont'evich.
[Surgical treatment of inguinal hernias] Operativnoe lechenie pakhovykh gryzh. Moskva, "Meditsina," 1968, 173 p.

Mikhail'man, Boris Davidovich.
[Arthrodesis and arthroplasty] Artrodes i artroplastika. Moskva, "Meditsina," 1968, 144 p.

616.8 Neurology. Neuro- and psychopathology

Blagoveshchenskaya, Natalya Sergeevna.
[Electroencephalography in focal lesions of the brain] Elektroencefalografiya pri obozornykh porazheniyakh golovnoy mozg. Leningrad, "Meditsina," 1968, 170 p.

Bozov, Viktoriya Mikhailovna.
[Essays on pathophysiology of acute closed cerebral trauma] Ocherki po patofiziologii ostroy zakrytoi travmy mozg. Moskva, "Meditsina," 1968, 228 p.

Chaykovskiy, Mikhail Sergeevich.
[Diseases of the vegetative nervous system] Zabolevaniya vegetativnoy nervnoy sistemy. Moskva, "Meditsina," 1968, 207 p.

[Diseases of the cerebral blood circulation. Collection of papers dedicated to the 60th birthday of Professor E.V. Shukh, Active Member of the Academy of Medical Sciences of the U.S.S.R.] Zabolevaniya mozgovogo krovoobrazheniya. Sbornik posvyashchennykh 60-letiyu so dnya rozhdeniya detsy, chl. Akad. med. nauk SSSR prof. E.V. Shukha. Pod red. M.V. Komolova i R.A. Tashcheva. Moskva, "Meditsina," 1968, 204 p.

[Electrophysiological studies on the compensation of functions in lesions of the central nervous system] Elektrofizicheskoe issledovanie kompensatsii funktsii pri porazheniyakh tsentral'noy nervnoy sistemy. Moskva, "Meditsina," 1968, 223 p.

Ost'val'man, Mikhail Olegovich.
[Physical factors in compound treatment of nervous diseases] Fizicheskiye faktory v slozhnom lechenii nervnykh bolezney. Moskva, "Meditsina," 1968, 100 p.
(DMLM)

Orlovskiy, I.I.
[Electrodiagnosis of focal lesions] Elektrodiagnostika pri sverkhfokalnakh izmeneniyakh. Pod red. Kh.A. Gusevova. Baku, 1968, 188 p.

Pytel, Mikhail Vladimirovich.
[Syphilis of the nervous system. (Pathogenesis)] Sifilis nervnoy sistemy. (Patogeneza). Moskva, 1968, 40 p.

Paris, Vladimir Vladimirovich.
[Physiology and pathology of blood circulation and respiration. Materials of a conference] Fiziologiya i patologiya krovoobrazheniya i dycheniya. Materialy konferentsii. Moskva, 1968, 124 p.
(DMLM)

Rivina, Elena Iur'evna.
[Essays on the clinical aspects and treatment of lesions of the human extrapyramidal system] Ocherki po klinike i lecheniyu porazheniy ekstrapyramidal'noy sistemy cheloveka. Moskva, "Meditsina," 1968, 219 p.

Trakhtov, Evgeniy Leonovich.
[Hormonal and pathological neurosecretion] Neurosekrety i v sornie i patologii. Moskva, "Meditsina," 1968, 200 p.

[Work of the neuropathologist at a psychiatric hospital. (A methodological letter)] O rabote neuropatologa v psichiatricheskoy bol'nitsе. (Metod. pis'mo). Moskva, 1968, 21 p.

616.88 Psychiatry. Psychopathology. Mental disorders. Insanity

[Work of the neuropathologist at a psychiatric hospital. (A methodological letter)] O rabote neuropatologa v psichiatricheskoy bol'nitsе. (Metod. pis'mo). Moskva, 1968, 21 p.

Korshakov, E.A.
[Some toxic properties of the blood in schizophrenia] Nekotorye toksicheskiye svoystva krovi pri shizofrenii. Tashkent, "Nauka," 1967, 80 p.

616.9 Infectious diseases

Shvachko, Anna Artyemovna.
[Specific prevention of tuberculosis in children] Spetsificheskaya profilaktika tuberkuleza u detey. Moskva, "Meditsina," 1968, 230 p.

[Helminthoses in rodents] Gel'mintiozy shchekovykh shirovnykh. Pod red. N.K. Shchekolovskaya. Moskva, "Meditsina," 1968, 282 p.

Tuganova, Klavdya Aleksandrovna, and Mikhuradov, Oleg Borisovich.
[Water-mineral metabolism in children with infectious diseases] Vodno-mineral'nyy obmen u detey pri kachestvennykh infektsionnykh zabolevaniyakh. Tashkent, "Meditsina," 1968, 158 p.

Lavrov, Klara Mikhailovna, and Lashin, Vasily Konstantinovich.
[Epidemiological significance of rodents and ticks. Textbook for students of the public health faculty] Epidemiologicheskoye znacheniye gryzunov i kleshchev. Uchebnoye posobie dlya studentov sanitar'no-gigiyenicheskogo fakul'teta. Pod red. L.I. Elkina. Moskva, 1968, 42 p.
(DMLM)

Yakubov, Nikolai Ivanovich.
[Phages. (Clinical aspects, diagnosis, treatment, and prevention)] Chistota. (Klinika, diagnostika, lechenie i profilaktika). Moskva, "Meditsina," 1968, 240 p.

616.97 Venereal diseases

Pytel, Mikhail Vladimirovich.
[Syphilis of the nervous system. (Pathogenesis)] Sifilis nervnoy sistemy. (Patogeneza). Moskva, 1968, 40 p.

Yakovlev, Boris Alekseyevich.
[Gonorrhea, trichomoniasis and other urogenital venereal diseases] Gonoreya, trikhomonioz i drugie mokhopolovyye venericheskiye bolezni. Moskva, "Meditsina," 1968, 211 p.

618.97(471.55)—Chelyabinsk Province

**[Collection of scientific papers by dermatologists and venereologists of Chelyabinsk Province. Materials of the province scientific and practical conference] Sbornik nauchnykh rabot dermatovenerologov Chelyabinskoy oblasti. Materialy oblasnykh nauchno-prakticheskikh konferentsii. Cheljabinskoye kn. izd., 1968, 114 p.
(DMLM)**

618.98 Virus infections

[Influenza. Collection of studies] Grippe. Sbornik nauchnykh trudov. Kiev, "Zdorov'ya," 1964, 241 p.

Shelov, Mikhail Leonovich.
[Acute respiratory virus infections. (Etiology, laboratory diagnosis, epidemiology, prevention)] Ostrye respiratornyye virusnyye infektsii. (Etiologiya, laboratornaya diagnostika, epidemiologiya, profilaktika). Moskva, "Meditsina," 1968, 200 p.

Shvachko, Anna Artyemovna.
[Viral and genetic theory of the origin of tumors] Virusno-geneticheskaya teoriya vzhikovoaniya opukholok. Moskva, "Meditsina," 1968, 200 p.

617 Surgery

Shchekolovskiy, Boris Evgenovich.
[Surgical treatment of fractures and dislocations] Lezhi iz lezhirov operatsionnoye greyanie. Vinton, "Meditsina," 1968, 214 p.
(DMLM)

Shchekolov, Boris Evgenovich, and others.
[Surgical diseases] Khirurgicheskiye bolezni. Pod red. A.V. Shchekolova. Izd. 2-e, dop. i pererabot. Leningrad, "Meditsina," 1968, 744 p.

Shchekolov, Vladimir Petrovich.
[Acute surgical diseases of the stomach] Ostrye khirurgicheskiye bolezni zhivota. Moskva, "Meditsina," 1968, 22 p.

Shchekolov, Aleksandr Aleksandrovich, and Shchekolov, Nikolai Leonovich.
[Military field surgery. Manual for doctors and students] Voenno-polevaya khirurgiya. Rukovodstvo dlya vrachey i studentov. Izd. 2-e, dop. i lapr. Moskva, "Meditsina," 1968, 223 p.

617.3 Orthopedics

Shchekolov, Oleg Mikhailovich, and Gusev, Oleg Artyemovich.
[External and compression osteosynthesis in closed diaphyseal fractures and pseudarthroses of the shaft bones] Vneoshchekolovskoye i kompressionnoye osteosintez pri zakrytykh diafiznykh perelomakh i lozhnykh sushchivakh kostey golov. Moskva, "Meditsina," 1968, 104 p.

Shchekolov, Nikolai Andreevich.
[Surgical treatment of disorders in the supporting capacity of the hip] Khirurgicheskoye lechenie narusheniya opornosposobnosti bedra. Kiev, "Zdorov'ya," 1968, 213 p.

617.7 Ophthalmology. Eye diseases

Blagoveshchenskaya, Natalya Sergeevna.
[Electroencephalography in focal lesions of the brain] Elektroencefalografiya pri obozornykh porazheniyakh golovnoy mozg. Leningrad, "Meditsina," 1968, 170 p.

Pytel, Mikhail Akhmetovich.
[Blindness of the eye. (Sclerokeratitis of the sclera)] Tupyeye travmy glaz. (Skleroticheskoye razryvnyye izmeneniya). Kiev, "Zdorov'ya," 1968, 146 p.

Tron, Evgeniy Leonovich.
[Diseases of the optic tract] Zabolevaniya opticheskogo puti. Izd. 2-e, pererabot. i dop. Leningrad, "Meditsina," 1968, 64 p.

618 Gynecology. Obstetrics

[Correspondence course of lectures for mothers] Lektsii kursa lektsii dlya materей. Moskva, "Meditsina," 1968, 180 p.

Orlovskiy, Ivan Ivanovich, and Shchekolov, Anna Artyemovna.
[Antenatal corrections of improper positions: pelvic presentations of the fetus] Dorodnyye lapitisa nepravil'nykh polozheniy i tsvetnykh predlozheniy. Kiev, "Zdorov'ya," 1968, 154 p.

Orlovskiy, Valentin Ivanovich.
[Late toxemia in gravida. (Problems of pathogenesis and treatment)] Pozdniye toksicheskiye razryvnyye. (Voprosy patogeneza i lecheniya). Kiev, "Zdorov'ya," 1968, 203 p.

Orlovskiy, Iurii Valentinovich, and others.
[Pathology of the human placenta and its fetus on the fetus] Patologiya postoya cheloveka i ee vliyanie na plod. Minsk, "Belarus'," 1968, 222 p.

Khrenova, Vera Olegovna.
[Hygiene of little girls, girls and women] Gyg devochki, devushki, zhenshotiny. Moskva, 1968, 38 p.
(DMLM)

Markovskiy, Feliks Vil'gelmovich, and others.
[For women on cancer] Zhenskoye o zhenskoy. Minsk, "Belarus'," 1968, 63 p.

618 Comparative pathology. Veterinary medicine

[Diagnosis of infectious and protozoal diseases in animals] Diagnostika infektsionnykh i protistsykh bolezney sel'skokhozyaystvennykh shirovnykh. Moskva, "Meditsina," 1968, 194 p.

62 ENGINEERING AND TECHNOLOGY

Andriyevskiy, Ivan Ivanovich, and Shchekolov, Anna Artyemovna.
[The party and scientific and technological progress] Partiya i nauchno-tekhnicheskoye greyanie. Moskva, "Meditsina," 1968, 43 p. (Moye y zhizn', knizhka dlya shkol'nikov "Tekhnika," 13)

Orlovskiy, Iurii Valentinovich.
[Economic and technological progress] Ekonomicheskoye i tekhnicheskoye greyanie. Moskva, "Meditsina," 1968, 44 p. (Mirovyye universitet. Tekhniko-ekonomicheskoye shkol'nik, 12)

Institut kibernetiki, Kiev, Sektor tekhnicheskoy kibernetiki. [Proceedings of the First Conference of Young Scientists of the Sector of Engineering Cybernetics] Trudy Pervoy khuzhstvennoy nauchnoy konferentsii sektora tekhnicheskoy kibernetiki. Kiev, 1967, 100 p.

Shchekolov, Aleksandr Artyemovich.
[K. Marx and problems of technology] K. Mark i problemy tekhniki. Moskva, "Meditsina," 1968, 112 p.

626.1 Materials testing

Pohl, E.
[Nondestructive methods of testing concrete. I. (Translated from the German)] Nerazrushayushcheye issledovanie betona. Moskva, Sirovskiy, 1967, 173 p.

Shchekolov, Ivan Artyemovich.
[Strength of materials] Sprochnost' materialov. Izd. 2-e, pererabot. Moskva, "Meditsina," 1968, 484 p.

Trakhtov, David Davidovich.
[Radioactive tracer methods of determining rate of internal combustion engines] Radioaktivnyye metody opredeleniya tsvetnykh detalей dvigatelay vnutrennykh sgoraniy. Leningrad, "Mashinostroyeniye," 1968, 184 p.

626.16 Reliability, serviceability, quality testing

Shchekolov, Iurii Valentinovich.
[Effect of climate on the reliability of machines and mechanisms] Vliyaniye klimata na naednost' mashin i mekhanizmov. Minsk, "Belarus' i tekhnika," 1968, 84 p.

- 621.001 Mejnikov, I. M., and A. M. Poloyko.
[Qualitative characteristics of reliability] Kvalitativnye kharakteristiki nadeshnosti. Leningrad, 1968. 80 p.
- 621.17 Measurement of mechanical properties. Strength and deformability tests, etc.
Chibrikov, Viktor Antonovich.
[Linked areas of machine parts] Ogranicheniya polucheniya detalей машин. Leningrad, "Mashinostroenie," 1968. 183 p.
- Orlov, Vladimir Vasil'evich, and Lasharev, Gennadii Evgenovich.
[Laboratory testing of materials for friction and wear] Laboratornye issledovaniya na trenii i iznos. Moskva, "Mashin," 1968. 143 p.
- [Plastic flow of metals] Plasticheskiye tekaniye metallov. Moskva, "Mashin," 1968. 147 p.
- Serebryy, Evgeniyev Timofeevich.
[Reliability and durability of hoisting cables] Nadeshnost' i iznoshivost' pod'zemnykh kabeley. Kiev, "Tekhnika," 1968. 240 p.
- [Technological measurements and control and measuring instruments in light industry] Tekhnologicheskiye izmereniya i kontrol' no-izmeritel'nye pribory v legkoy promyshlennosti. Moskva, "Legkaya industriya," 1968. 264 p.
- 621.18 Investigation of structure. Metallography. Equivalent study of materials.
Orlovich, Natan Grigor'evich and others.
[Primary structure as criterion for evaluating the mechanical properties of gray cast iron] Perвичnaya struktura kak kriteriy otoskoi mekhanicheskikh svoystv seryy chuguna. Leningrad, 1968. 30 p.
- Orlovich, Natan Grigor'evich.
[Thermal analysis of solid foils] Termicheskiy analiz tvrdykh topliv. Moskva, "Metalurgiya," 1968. 183 p.
- Orlovich, Boris Grigor'evich and Orlovich, Tamara Medvedevna.
[Laboratory manual on metallography and heat treatment] Laboratornyy praktikum po metallovedeniю i termicheskoй obrabotke. Ind. 2-я, pereizdat. Moskva, "Vyssh. shkola," 1968. 320 p.
- Kondov, Valerii Sergeevich.
[Physics of magnetographic defectoscopy] Fizika magnitograficheskoy defektoskopii. Moskva, "Mashin i tekhnika," 1968. 166 p.
- 621.19 Defects and deterioration in materials. Corrosion and erosion.
[High-temperature inorganic coatings. Translated from the English] Vysokotemperaturnyye neorganicheskiye pokrytiya. Pod red. Dzh. Ganssena. Moskva, "Metalurgiya," 1968. 330 p.
- Mura, Evgenii Vasil'evich and others.
[Corrosion protection of drinking water vessels by ceramic coatings] Zashchita ot korrozii skhmatel dlya pit'evoy vody lesennoyemyye pokrytiya. Leningrad, 1968. 33 p.
- Kudry, Valerii Sergeevich.
[Physics of magnetographic defectoscopy] Fizika magnitograficheskoy defektoskopii. Moskva, "Mashin i tekhnika," 1968. 166 p.
- [Protecting products by atmospheric corrosion inhibitors] Konservatsiya izdelii ingibitorami atmosferynoy korrozii metallov. Leningrad, 1968. 33 p.
- [Mechanistic analysis of wear] Veroyatnostnyy analiz protsessov treshchivaniya. Moskva, "Mashin," 1968. 86 p.
- 621.2 Mechanical and electrical engineering. Machinery.
[Automation of research and diagnostic measurements in machinery manufacture] Avtomatizatsiya naukovykh izsledovaniy i izmereniy raznoyaz v mashinostroyeni. Moskva, "Mashin," 1968. 268 p.
- Belitskiy, Marina Mikhailovna.
[Economic aspects of automation in the machinery industry] Ekonomicheskiye aspekty avtomatizatsii mashinostroyeniya. Minsk, "Mashin i tekhnika," 1968. 81 p.
- 621.06 Machinery details.
Dobryshin, Stepan Kyrylovich, and Golobov, Sergei Vasil'evich.
[Design and calculation of machine parts] Raschet i proyektirovaniye detalей машин. Ind. 2-я, impr. 1 dop. Kiev, "Tekhnika," 1968. 230 p.
- 621.061 General characteristics.
Malashuk, Viktor Antonovich.
[Handbook for the design engineer] Spravochnik konstruktora-konstruktora. Kiev, "Tekhnika," 1968. 618 p.
- 621.067 Servicing, maintenance, assembly, protection and safety devices.
Shchegolev, Mikhail Vasil'evich.
[Rubbers and polymer materials for the sealing of joints] Rezinno-polimernyye materialy dlya uplotneniya shvov. Leningrad, "Energiya," 1968. 43 p.
- [Standard time norms of repair work] Tipovyye normy vremeni na remontnyye raboty. Moskva, Rossel'khozizdat, 1968. 278 p.
- 621.068 Machinery, plant or apparatus according to motive force or power.
Gavrilchenko, Boris Aleksandrovich, and others.
[Hydraulic drive] Gidravlicheskii privod. Moskva, "Mashinostroenie," 1968. 803 p.
- Khorja, Vladimir Mikhailovich.
[Capacity hydraulic drive of mining equipment] Obyemnyye gidravlicheskyye mashiny dlya razrabotki. Ind. 2-я, dop. 1 pereizdat. Moskva, "Mashin," 1968. 433 p.
- 621.07 Mechanical engineering theory and principles. Design and construction of machinery.
[Collection of problems on technical mechanics] Sbornik zadach po tekhnicheskoy mekhanike. Pod red. G. M. Etkovskaya. Ind. 2-я, pereizdat. Leningrad, "Radio i svyaz," 1968. 143 p.
- Orlovich, Boris Grigor'evich.
[Machine handbook for machine-part design] Knizhka spravochnik k raschetu detalей машин. Ind. 2-я, pereizdat. 1 dop. Moskva, "Vyssh. shkola," 1968. 213 p.
- [Mechanizing the production of castings in car building] Mekhanizatsiya proizvodstva otlivkov v avtomobilostroyeni. Moskva, "Mashinostroenie," 1968. 86 p.
- Parlov, Viktor Mikhailovich.
[Machine parts] Detali машин. 2-я, ind., dop. 1 pereizdat. Leningrad, "Mashinostroenie," 1968. 448 p.
- Serebryy, Evgeniy Timofeevich.
[Elements of the theory and design of mechanisms and machines] Elementy teorii i rascheta mekhanizmov i mashin. Leningrad, Luch, 1968. 150 p.
- [Thinking and its alloys in chemical machinery building] Myslennoye splyav s khimicheskimi mashinostroyeni. Pod red. B. A. Galitskogo. Ind. 2-я, pereizdat. 1 dop. Moskva, "Mashinostroenie," 1968. 339 p.
- [Using materials based on plastics for slitting supports and packings in machinery] Primeneniye materialov na osnovе plastmass dlya opor i pakirovaniy v mashinostroyeni. Moskva, "Mashin," 1968. 183 p.
- 621.071 Theory, principles and practice of automation. Automatic control.
[Automatic control of space vehicles. Transactions of the First International Symposium IFAC on Automatic Control in the Peaceful Use of Outer Space] Avtomaticheskoye upravleniye kosmicheskimi detal'nyimi apparatami. Trudy I Mezhdunarodnogo simpoziuma IFAC po avtomat. upravleniyu v mirnoy upotrebe kosmosa. Sovetskoye gosudarstvo. Norvuzh g. Stavanger. Iuzh' 1968. Moskva, "Mashin," 1968. 493 p.
- [Automation of research and dimension measurements in machinery manufacture] Avtomatizatsiya nauchnykh izsledovaniy i izmereniy raznoyaz v mashinostroyeni. Moskva, "Mashin," 1968. 268 p.
- Orlovich, G. A.
[Automation of the statistical control and precision regulation of production processes] Avtomatizatsiya statisticheskogo kontrolya i regulirovaniya tochnosti proizvodstvennykh protsessov. Tbilisi, "Mekhanika," 1967. 81 p.
- Orlovich, Gennadii Andreevich.
[Classification of production processes and principles for the design of automatic control means for continuous and automatic lines in the electric machinery industry] Klassifikatsiya proizvodstvennykh protsessov i printsipy postroyeniya ustroystv avtomaticheskogo kontrolya i avtomaticheskikh liniy v elektromashinostroyeni. Tbilisi, "Mekhanika," 1967. 83 p.
- Orlovich, Gennadii Andreevich.
[Fundamentals of automation and telemechanics] Osnovy avtomatizatsii i telemekhaniki. Pod obshch. red. S. A. Orlovicha. Ind. 4-я, pereizdat. Moskva, "Energiya," 1968. 81 p.
- Ostapenko, Aleksandr Fedorovich and Chelchik, Ivan Vasil'evich.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.072 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.073 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.074 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.075 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.076 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.077 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.078 Control systems.
[Design of remote control systems for heat engines on river motorboats] Konstruktivnyy skhmat dalekoobremogo upravleniya glavnyy dvigatel'nyy rebovyy teplokhodov. Moskva, "Transport," 1968. 133 p.
- Isakov, Evgenii Konstantinovich.
[Fundamentals of automatic and remote control] Osnovy avtomatizatsii i dalekoobremogo kontrolya. Moskva, "Svyaz," 1968. 223 p.
- 621.079 Control systems.
[Design of remote control systems

Patrunov, Feliks Grigor'evich, Chirchov, Mikhail Vladimirovich.

[Automation of design operations] Avtomaticheskoe projektirovaniye. Moskva, "Znanie," 1968. 20 p.
[Repair of electrical equipment in tractors and motor vehicles] Remont avtomobilnogo elektrooborudovaniya. Moskva, "Eksis," 1968. 122 p.

Salikhanov, Anisim Mikhailovich.

[Dry transformers and portable substations in mines] Sukhie transformatory i portabelnye podstantsii. Moskva, "Mashin," 1968. 243 p.

Tal'finskiy pol'kovnikskiy institut.

[Manual on laboratory work in electrical materials] Podrobnost' k laboratornoy rabote po elektricheskim materialam. Tbilisi. T.1. 1967. 82 p.

621.311 Power generation, supply Power stations

[Qualification of load graphs of power systems and selection of power plant types for the coverage of peak power loads] Vyrasheeniye grafov nagruzki i vybor tipa elektricheskikh stantsiy i vybor tipa elektricheskikh stantsiy dlya pokrytiya pikoynykh nagruzok. Moskva, "Mashin," 1968. 180 p.

Shatrov, Aleksandr Dmitriyevich.

[Power engineering handbook] Spravochnik inzhinera energetika. Moskva, "Energia," 1968. 304 p.

621.311(479.24)—Azerbaijan S.S.R.

Akhmedov, Omer Ali.

[Realization of Lenin's plan for the electrification of Azerbaijan] Osmeshchivaniye tekhnicheskogo plana elektrifikatsii v Azerbaidzhane. Baku, Izd. AN Azerb. 1968. 182 p.

621.313 Electric machines, generators, motors

Egorov, Boris Aleksandrovich.

[Maintenance and repair of the collectors of electrical machinery] Proektirovaniye i remont kolektornykh apparatov. Pod red. I. V. Pavlovskiy. Leningrad, "Energia," 1968. 188 p.

Gerasimova, Georgiy Andreevich.

[Classification of production processes and principles for the design of automatic control means for continuous and automatic lines in the electric machinery industry] Klassifikatsiya proizvodstvennykh protsessov i printsipy postroyeniya avtomaticheskikh sistem kontrolya dlya avtomaticheskikh liniy v elektromashinostroyeniye. Tbilisi, "Mashinostroyeniye," 1967. 82 p.

Kuklov, Igor' Kirillovich.

[Organization and planning of power generating machinery manufacture] Organizatsiya i planirovaniye proizvodstva elektromashinostroyeniya. Moskva, "Vyssh. shkola," 1968. 300 p.

Patelin, Dima Prokhorovich.

[Automatic control of asynchronous electric drives] Avtomaticheskoe upravleniye asinkhronnykh elektrodvigatelnykh sistem. Moskva, "Energia," 1968. 193 p.

Polozhki, Vladimir Ivanovich.

[Electric propulsion systems of ocean going ships] Elektricheskiye sistemy dvizheniya morskikh sudov. Pod red. I. V. Pavlovskiy. Leningrad, "Transport," 1968. 242 p.

Tkachenko, Anatoliy Ivanovich.

[Methods for the speed control of asynchronous motors] Metody regulirovaniya shchitov asinkhronnykh dvigateley. Kiev, "Tekhnika," 1968. 187 p.

Vasil'yev, Nikolai Aleksandrovich and Kerezhko, Vladimir Vladimirovich.

[Electrically sealed electrical pumps] Elektricheskiye elektricheskiye pompy. Leningrad, "Mashinostroyeniye," 1968. 280 p.

621.313(479)—Moldavia S.S.R.

[Start, adjustment, and operation of the leading 300 kv. unit of the Moldavia State Regional Electric Power Plant] Pusk, nastroyeniye i eksploatatsiya pervogo bloka 300 kv. Moldavskoy gos. elektricheskoy stantsii. Moskva, "Energia," 1968. 161 p.

621.314 Transformation. Transformers, etc.

[Electric power supply of wire communication apparatus] Elektricheskoe snabzheniye apparatov svyazi. Moskva, "Svyaz," 1968. 112 p.

Ovchinnikov, Boris Vladimirovich.

[Adjustment of the control systems of mercury-arc converters] Nastroyeniye sistem upravleniya rzhutkovymi prevrashchayemyimi. Moskva, "Energia," 1968. 73 p. (B-iz elektronika. Vyp. 288).

Tal'finskiy, Yuriy Georgiyevich.

[Semiconductor power rectifiers with automatic reactor control] Silovye poluprovodnikovyye выпрямители с автоматическим контролем реактора. Moskva, "Mashin," 1968. 280 p.

621.315 Transmission. Lines. Cables. Wiring, etc.

Trofimov, Viktor Ivanovich.

[Study and design of new types of metal power transmission line supports] Issledovaniye i raschet novykh tipov metallicheskikh opor dlya elektropere-dach. Moskva, "Energia," 1968. 433 p.

621.316 Distribution and control. Switchgear, etc.

[Relay protection and automation of electric power distribution systems] Rелейnaya zashchita i avtomaticheskoe upravleniye sistemami raspredeleniya elektricheskoy energii. Kiev, "Mashinostroyeniye," 1968. 182 p.

Usov, Pavel Aleksandrovich.

[Maintenance of electrical power distribution networks] Osmeshchivaniye gosudarstvennykh elektricheskikh setey. Pod red. I. V. Pavlovskiy. Moskva, "Vyssh. shkola," 1968. 255 p.

621.317 Measurements. Instruments and indicators

Shchegolev, I. R.

[Physical testing of rubbers. Translated from the English] Fizicheskiye ispytaniya kauchukov i reziny. Pod red. M. M. Rastvorovskogo i L. B. Prilep. Moskva, "Tekhnika," 1968. 318 p.

Shchegolev, M. I. and others.

[Set of measuring instruments for checking the parameters of transistors in input control] Komplekt izmeritel'nykh ustroystv dlya proverki parametrov tranzistorov na vkhodnom kontrole. Leningrad, 1968. 22 p.

621.318 Applied magnetism. Materials and apparatus

Gerasimov, Andrei Vladimirovich and Shchegolev, Alla Georgiyevna.

[A.c. electromagnets] Elektromagnitnyye parametry. Moskva, "Energia," 1968. 300 p.

621.319 Applied electrostatics

Derjagin, Lev Solomonovich.

[Introduction to the physics of variable condensers] Vvedeniye v fiziku variatsionnykh kondensatorov. Leningrad, "Mashin," 1968. 180 p.

621.320 Lasers

Brashinsky, Georgiy.

[Optical camera. Translated from the English] Opticheskaya kamernyye ustroystvo. Pod red. F. S. Pavlovskiy. Moskva, "Svyaz," 1967. 308 p.

Chernyshev, V. K. and others.

[English-Russian dictionary on lasers and infrared engineering. Over 10,000 terms] Anglo-russkiy slovar' po laseram i infrakrasnoy tekhnike. Dolee 10 000 terminov. Moskva, Voenizdat, 1968. 300 p.

[Effects of laser radiation] Delistvie laser'nogo izlucheniya. Sbornik statey. Pod red. I. V. Pavlovskiy. Moskva, "Mir," 1968. 308 p.

621.33 Electric traction

[Electric railroad rolling stock. Electric traction machinery and transformers] Podriaznoy sostav elektricheskikh zheleznykh dorog. Traktovyye elektromashiny i transformatory. Pod obshch. red. D. D. Zakharenko. Pod red. I. V. Pavlovskiy. Moskva, "Transport," 1968. 288 p.

[Protection of semiconductor rectifiers of electric railroad rolling stock against overloads and overcurrents] Zashchita poluprovodnikovykh выпрямителей электровозного состава от перегрузок и перенапряжений. Pod red. V. D. Zakharenko. Moskva, "Transport," 1968. 131 p. (Moscow, Vsesoyuznyy nauchno-issledovatel'skiy institut zhелеznodorozhnogo transporta. Trudy, vyp. 267).

Tal'finskiy, Viktor Dmitriyevich.

[Increasing the efficiency of locomotive electric braking systems] Povysheniye effektivnosti sistem elektricheskogo tormozheniya lokomotivov. Moskva, "Transport," 1968. 112 p.

621.36 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.

Bonchakov, Vladimir Vasil'yevich and Khachatryan, Yuriy Aleksandrovich.

[Chemical power sources] Khimicheskiye istochniki toka. Moskva, "Svyaz," 1968. 312 p.

621.37 Technique of electric and electromagnetic waves, antennas and cables

Alimov, Jarome L.

[Microscopic circuits. Translated from the English] Ustroystva mikrosvyaznykh elementov. Pod red. I. B. Lebedeva. Moskva, "Mir," 1968. 487 p.

Ostap, Vladimir Ivanovich.

[Correcting devices with choppers] Koryktoryushnye ustroystva s pereryvalnami. Kiev, "Tekhnika," 1968. 184 p.

International Conference on Low and Intermediate Frequency Electromagnetic Interference, Dubna, 1967. [See also 621.373]

[Proceedings] Trudy mezhdunarodnoy konferentsii po elektromagnitnoy vzaimodeystviyu na nizkikh i srednikh chastotakh. Dubna, 7-15 fevralya 1967. Moskva, T.1. 1967. 188 p.

Lopatin, Vladimir Mikhailovich, and Barin, Leonid Samuilovich.

[Electromagnetic parametric amplifiers] Parametricheskoye parametricheskoye usileniye. Moskva, "Mashinostroyeniye," 1968. 240 p.

Semenov, Aleksandr Aleksandrovich.

[Electromagnetic wave theory] Teoriya elektromagnitnykh voln. Izd. 2-o, pererabot. i dop. M. Shchegolev. Moskva, "Svyaz," 1968. 317 p.

Shchegolev, Viktor Grigor'evich, and Zakharenko, Dmitriy Georgiyevich.

[Electroacoustic amplifiers and parametric amplifiers] Elektroakusticheskiye i parametricheskoye usileniye. Moskva, "Svyaz," 1967. 184 p.

621.38 Electronics

Gerasimov, Viktor Grigor'evich, and others.

[Fundamentals of industrial electronics] Osnovy promyshlennoy elektroniki. Moskva, "Vyssh. shkola," 1968. 287 p.

Kaplan, Israel L'vovich.

[Industrial electronics. (A general course)] Promyshlennaya elektronika. (Obshcheye kurs). Moskva, "Vyssh. shkola," 1968. 300 p.

[Principles of the operation of radioelectronic devices] Osnovy skhemy i ustroystva radioelektronnykh ustroystv. Pod red. V. V. Lavrinskoy. Moskva, "Svyaz," 1968. 310 p.

[Proceedings of the first microelectronics lecture course. Translated from the English] Vvedeniye v mikroelektroniku. Pod red. I. V. Pavlovskiy. Moskva, "Svyaz," 1968. 330 p.

[Reliability engineering for electronic systems] Nauchnoe i tekhnicheskoe obosnovaniye teorii i metody razrabotki i konstruirovaniya elektronnykh sistem. Pod red. A. M. Polovko, A. G. Vashchepkina, [Mashin]. "Svyaz," 1968. 334 p.

Zakharenko, Dmitriy Grigor'evich.

[Optimal loads of radio equipment with automatic control for reliability] Optimal'nyye naгрузки radioelektronnykh ustroystv s avtomaticheskim upravleniye na надежность. Leningrad, 1968. 310 p.

621.383 Semiconductor devices

Chudakov, Igor' Mikhailovich.

[Frequency modulation of p-n junction diodes] Chastotnaya modulyatsiya p-n svyaznykh ustroystv. Moskva, "Svyaz," 1968. 108 p.

Gerasimov, Nikolai Mikhailovich, and others.

[Handbook on semiconductor devices and their use] Spravochnik po poluprovodnikovym ustroystvam i ikh primeneniye. Pod red. N. M. Lavrinskoy. Moskva, "Energia," 1968. 258 p.

Tikhonov, Leonid Viktorovich.

[Safety measures in work with semiconductor devices] Bezopasnost' pri rabote s elektronnykh ustroystvami. Moskva, "Mashinostroyeniye," 1968. 287 p.

Klimov, Vladimir Viktorovich.

[Electronic counters using tunnel diodes] Elektronicheskiye schetnyye ustroystva na tunel'nykh diodakh. Moskva, "Energia," 48 p. (B-iz avtomatiki. Vyp. 244).

Priglas, Feliks Pavlovich.

[Photolithography and the manufacture of semiconductor devices] Foto-litografiya i proizvodstvo poluprovodnikovykh priborov. Moskva, "Energia," 1968. 300 p.

Rylov, R. G.

[Imperfections and active centers in semiconductor devices. Translated from the English] Imperfekttsii i aktivnyye tsentry v poluprovodnikovykh ustroystvakh. Pod red. S. S. Gerasimov. Moskva, "Mashinostroyeniye," 1968. 271 p.

[Semiconductor diodes. Parameters, Methods for measurement] Poluprovodnikovyye diody. Parametry. Metody izmereniya. Pod red. M. N. Gerasimov. Moskva, "Svyaz," 1968. 304 p.

Shchegolev, Viktor Grigor'evich.

[Power semiconductor technology] Tekhnika poluprovodnikovykh ustroystv. Moskva, "Energia," 1968. 330 p.

Shchegolev, M. I. and others.

[Set of measuring instruments for checking the parameters of transistors in input control] Komplekt izmeritel'nykh ustroystv dlya proverki parametrov tranzistorov na vkhodnom kontrole. Leningrad, 1968. 22 p.

Transistors. Parameters and methods for measuring and testing them. Transistor. Parametry, metody izmereni i ispytani. Pod red. I. G. Bergal'sona i dr. Moskva, "Sov. radio," 1968. 803 p.

621.384 Production of active rays, laser beams. Cherenkov, V. M., and others. [English-Russian dictionary on lasers and infrared engineering. Over 10,000 terms] Anglii-russkii slovar' po lazernoi i infrakrasnoi tekhnike. Bol'she 10 000 terminov. Moskva, Voenizdat, 1968. 300 p.

621.39 Telecommunication. [Electric power supply of wire communication apparatus] Elektricheskiye apparaty provodnoi svyazi. Moskva, "Svyaz'," 1968. 113 p.

Krylov, Sergei Nikolaevich. [Fundamentals of wire communication technology] Osnovy tekhniki provodnoi svyazi. Moskva, "Svyaz'," 1968. 407 p.

Polkov, Vladimir Mikhailovich, and others. [Wire communication on railroads] Provodnaya svyaz na zheleznodorozhnom transporte. Ind. 2-3, pereizdat. 1 dop. Moskva, "Transport," 1968. 223 p.

621.391 General electrical (communication) problems

Kozlovskiy, Nikolai Petrovich. [Statistical theory of the demodulation of discrete signals] Statisticheskaya teoriya demodulyatsii diskretnykh signalov. Moskva, "Svyaz'," 1968. 225 p.

Polkov, Vladimir Viktorovich. [Present-day systems of wireless long-distance communication] Sovremennyye sistemy besprovodnoi dal'nego svyazi. Moskva, "Svyaz'," 1968. 223 p.

Rozengurtov, Aleksandr Vasil'ovich. [Theory of statistics and statistics of communications] Teoriya statistiki i statistika svyazi. Moskva, "Svyaz'," 1968. 308 p.

621.394 Radiocommunication

Rozengurtov, Aleksandr Vasil'ovich. [Small-sized radio receivers] Malozharnyye radio priemniki. Moskva, "Svyaz'," 1968. 144 p.

Sessal, G. S., and Y. M. Melsburg. [Abstracts of lectures in the course "Radio broadcasting and acoustics." Electronic equipment] Khromatki lektsii po kursu "Radiovozhzhanie i akustika. Elektronnoye oborudovanie." Leningrad, Vyp. 4, 1968. 86 p.

Krylov, Vladimir Viktorovich. [Present-day systems of wireless long-distance communication] Sovremennyye sistemy besprovodnoi dal'nego svyazi. Moskva, "Svyaz'," 1968. 223 p.

Rozengurtov, Nikolai Petrovich. [Fundamentals of radio engineering] Osnovy radio tekhniki. Moskva, Voenizdat, 1968. 408 p.

Plavny, Viktor Arkadyevich. [Radio equipment of ocean going ships] Radio-oborudovanie morskikh sudov. Ind. 2-3, pereizdat. 1 dop. Moskva, "Transport," 1968. 223 p.

[Principles of the operation of radioelectronic equipment] Osnovy ekspluatatsii radioelektronnoi apparatury. Pod red. V. I. Lavrenko. Moskva, "Vyssh. shkola," 1968. 269 p.

[Radio engineering systems] Radiotekhnicheskiye sistemy. I. M. Kuznetsov i dr. Pod red. I. M. Kuznetsova. Moskva, "Sov. radio," 1968. 496 p.

[Reliability engineering for electronic systems. Translated from the English] Inzhenernyye metody issledovaniya na dezhnosti radioelektronnykh sistem. Pod red. A. M. Polovko, A. G. Varnapolskaya. (Moskva), "Sov. radio," 1968. 826 p.

Rozengurtov, Nikolai Petrovich. [Aeronautical antennas] Antennyy letatel'nykh apparatov. Moskva, "Sov. radio," 1967. 414 p.

Smirnov, Vladimir Georgiyevich. [New technology in silver coating boat pipes] Novaya tekhnologiya serebraniya korpusnykh trub. Leningrad, 1968. 28 p.

Tsibulov, L. T. [Interfered noise emission in radio channels] Zatsheymennyye shumovyye izlucheniya v radio kanalah. Moskva, "Sov. radio," 1968. 153 p.

Stepanov, Aleksandr Mikhailovich. [Fundamentals of statistical radio techniques. (Textbook)] Osnovy statisticheskoi radio tekhniki. (Uchebnoye posobie 19) Leningrad, 1968. 74 p.

Midstberg, Mikael Olofsson. [Optimal loads of radio components with design rating providing for reliability] Optimal'nye nagruzki radioelementov v protsessakh projektirovaniya s tsel'yu obespecheniya na dezhnosti. Leningrad, 1968. 90 p.

621.397 Facsimile. Television

621.397(471.316)—Moscow City. Osetrovskiy, Boris Vasil'evich, and Ryzhov, Vladimir Borisovich. [The All-Union Television Center] Obshchесоюзnyi televizionnyi tsentr. Moskva, "Znanie," 1968. 43 p. (Movce v shkol, oshka, tekhnika. Seriya "Radioelektronika i svyaz", 11).

621.398 Telecontrol. Telemonitoring. Ginzburg, Boris Aleksandrovich. [Fundamentals of automation and telemechanics] Osnovy avtomatiki i teleme khani. Pod obshch. red. S. A. Ginzburga. Ind. 4-2, pereizdat. Moskva, "Energiya," 1968. 81 p.

Kozlov, Sergei Nikolaevich. [Fundamentals of automatic and remote control] Osnovy avtomatiki i teleme khani. (Moskva) "Svyaz'," 1968. 223 p.

621.4 Internal combustion and other special engines

[Instruments and regulators in thermal engineering and chemical technology] Teploenergeticheskiye i khimiko-tekhnologicheskiye pribory i regulatory. Pod red. P. P. Kravchenko. Leningrad, "Mashinostroenie," 1968. 213 p.

Nikulin, Yuri Mikhailovich. [Designing elements of parts and units of aircraft engines] Konstruktsionnye elementy detal' i uzlov aviadvigatela. Pod red. G. S. Shchegoleva. Ind. 2-3, pereizdat. 1 dop. Moskva, "Mashinostroenie," 1968. 334 p.

621.43 Internal combustion engines

Chirtilin, Mikhail Stepanovich, and others. [Accelerated methods of controlling the quality of petroleum products] Uskorennyye metody kontrolya kachestva nefteproduktov. Moskva, "Transport," 1967. 77 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, vyp. 344).

Gusev, Abram Matveyevich, and others. [Fuel supply apparatus of D600 and D80 type diesel locomotive and marine engines] Toplivnaya apparatura teplovoykh i morskikh dvigatelay tipa D600 i D80. Ind. 2-3, dop. Moskva, "Prosvetshobzha," 1968. 247 p.

Osin, Andrei Sergeevich, and Kravtsov, Mikhail Georgiyevich. [Combined two-cycle engines] Kombinirovannyye dvuzhatskiye dvigateli. Moskva, "Mashinostroenie," 1968. 578 p.

Ponomarev, O. P., and Kibrikov, V. I. [Automatic adjustment of fuel supply to multi-fuel diesel engines] Avtomaticheskoe korririrovaniye podachi topliva v mnogotoplivnykh dvizhatskikh. Oshar. Moskva, 1968. 81 p.

Rukhin, Arnold Gershonovich. [Technology of producing marine diesel engines] Tekhnologiya proizvodstva morskikh diesel. Leningrad, "Mashinostroenie," 1968. 343 p.

Tsibulov, David Gershonovich. [Radiometric tracer methods of determining wear of internal combustion engines] Radiometricheskiye metody opredeleniya iznosa detal' dvizhatskikh vnutrennykh spoznits. Leningrad, "Mashinostroenie," 1968. 106 p.

621.46 Rocket and jet engines

Osetrov, Boris Vasil'evich, and Minsing, Georgiy Yur'yevich. [Thermodynamic and ballistic principles in the design of solid-fuel rocket engines] Termodinamicheskiye gitali na tverdom toplive. Ind. 2-3, pereizdat. 1 dop. Moskva, "Mashinostroenie," 1968. 836 p.

[Rocket engines] Raketye dvigateli. Pod red. V. M. Mel'manova. Moskva, "Mashinostroenie," 1968. 61 p.

Orlovskiy, Aleksandr Aleksandrovich, and others. [Devices for detaching jet streams of turbojet engines] Ustroystva dlya otkloneniya reaktivnoi struy turboreaktivnykh dvigatelay. Pod red. A. A. Orlovskogo. Moskva, "Mashinostroenie," 1968. 238 p.

621.5 Pneumatic energy. Machines. Refrigeration. Heat pumps

Dobryshchik, Mikhail Grigoriyevich. [Pneumatic and gas refrigerating turbocompressors] Vozdukhovyye i gazovyye trubochkolod'nye mashiny. Moskva, "Znanie," 1968. 81 p. (Movce v shkol, oshka, tekhnika. Seriya "Tekhnika", 10).

[Safety roles in freon refrigerating plants] Pravila tekhnicheskoy bezopasnosti na freonovykh kholodil'nykh ustroystvakh. Moskva, 1967. 114 p.

Osetrov, K. P. [Theory and design of turbocompressors] Teoriya i raschet turbokompresorov. Pod red. K. P. Osetrova. Leningrad, "Mashinostroenie," 1968. 408 p.

Tarasov, Vladimir Mikhailovich. [Operator of the compressor station] Mashinist kompressornoj stantsii. Moskva, Stroiizdat, 1968. 71 p.

621.6 Field distribution. Storage containers. Pipes. Pumps

Bogdanov, Aleksandr Antonovich. [Removable centrifugal electric pumps for petroleum production. (Design and construction)] Poperednyye tsentrifugal'nye elektricheskiye dlya dobychi nefli. (Raschet i konstruktivnyy). Moskva, "Nefta," 1968. 273 p.

[Gas pipelines built of polyethylene pipes] Gazoprovody iz polietilennykh trub. Saratov, Privolzh. kn. izd., 1968. 69 p.

Mel'nik, Yuryel Vasil'evich and others. [Corrosion protection of drinking water vessels by cement coatings] Zashchita ot korrozii eshchastel dlya pit'evoi vody tsementnymi pokrytiyami. Leningrad, 1968. 23 p.

Vasil'kov, Eduard Aleksandrovich and Nersisyan, Vitaliy Vladimirovich. [Hermetically sealed electrical pumps] Gernmeticheskoe elektricheskoye. Leningrad, "Mashinostroenie," 1968. 260 p.

621.7 Workshop practice. Plastic working, forming

Gusevskiy, G. A. [Automation of the statistical control and production regulation of production processes] Avtomatizatsiya statisticheskogo kontrolya i regulirovaniya kachestva proizvodnykh protsessov. Tbilisi, [Metallurgiya], 1967. 81 p.

Samokhvalov, Igor Antonovich. [Handbook for the design engineer] Spravochnik tekhnika-konstruktora. Kiev, "Tekhnika," 1968. 81 p.

Semashko, Anna Petrovna. [Textbook in French language for institutions for higher technical education] Posobie po frantsuzskomu yazyku dlya mashinostroytel'nykh vuzov. Moskva, "Vyssh. shkola," 1967. 183 p.

[Technology of metals and other building materials] Tekhnologiya metallov i drugikh konstruktivnykh materialov. Ind. 2-3, pereizdat. 1 dop. Moskva, "Vyssh. shkola," 1968. 830 p.

[Technology of metals and other building materials] Tekhnologiya metallov i drugikh konstruktivnykh materialov. Pod obshch. red. A. M. Dmitriyeva. Minsk, "Vyssh. shkola," 1968. 488 p.

621.72 Pattern- and die-casting

Polkov, David Georgiyevich, and Taraki, Vladimir Leonidovich. [United foundry patterns] Likovyye model'nye komplekty. Moskva, "Vyssh. shkola," 1967. 107 p.

621.73 Forges. Forge and hammer work

Chirtilin, Mikhail Stepanovich. [Press- and hammer forging] Kovka na molotakh i pressakh. Moskva, "Vyssh. shkola," 1968. 284 p.

Shchegolev, Vladimir Fedorovich. [Improvement of impact forging equipment] Soвершенствovanie kuznitskogo obratovornogo odnornogo del'tiya. Moskva, "Mashinostroenie," 1968. 234 p.

621.74 Foundries. Foundry work

Chirtilin, Mikhail Stepanovich. [Continuous horizontal casting of metal and alloy ingots] Napereryvnoye gorizontall'noe lit'e splavov metallov i splavov. Moskva, "Metallurgiya," 1968. 179 p.

[Mechanizing the production of castings in car building] Mekhanizatsiya protsovedstva odlivok v avtomobilstroenii. Moskva, "Mashinostroenie," 1968. 86 p.

621.75 Toolmaking. Gaging. Filing. Assembling

Chirtilin, Mikhail Stepanovich. [Assembly and installation of the products of the heavy machinery industry] Sklady i montazh izdeli tekhnologicheskoy mashinostroytel'noy. Moskva, "Mashinostroenie," 1968. 213 p.

Krylov, Nikolai Petrovich. [Machine-tool attachments] Mashinnoy priposobleniya. Moskva, "Mashinostroenie," 1968. 216 p.

Krylov, Nikolai Petrovich. [Standard price list for special purpose tools and technological equipment in conventional equipment measurement. (Methodological principles)] Tsipovoi tsennik na spetsial'nyye instrumenty i tekhnologicheskiye osnastki v uslovno-eksplyatsatsionnykh izmereniyakh. (Metod. osnovy). Moskva, "Mashinostroenie," 1968. 129 p.

621.77 Rolling
Krasn'nikov, Lev Aleksandrovich.
[Worker in a metal product drawing shop] Volo-
dki shchuk metallykh izdeliy. Moskva, "Metalur-
giya," 1968. 283 p.

621.774 Pipe and tube manufacture
Shvetskiy, Iurii Fedorovich, and Giesberg, Anstolli
Iosifovich.
[Pipe production] Proizvodstvo trub. Moskva,
"Metalurgiya," 1968. 440 p.

621.78 Heat treatment
Grigoryev, Boris Grigor'evich and Trushchenko, Tamara
Mikhailovna.
[Laboratory manual on metallography and heat
treatment] Laboratornyy praktikum po metallovedeni-
u i termicheskoi obrabotke. Izd. 2-e, pererabot.
Moskva, "Vyssh. shkola," 1968. 230 p.

Kozlov, M. A.
[Thermal treatment of polymers in machine-
tools] Termicheskaya obrabotka polimernykh
materialov v mashinostroenii. Moskva, "Mashinostro-
enie," 1968. 287 p.

Shchegolev, Aleksandr Vasil'evich and Pereverzev, Vlag-
imir Mikhailovich.
[Case-hardening and vacuum annealing of steel] Osnovy
i vakuumnaya nitirovannaya stali. Leningrad, 1968.
43 p.

621.781 Welding and allied techniques

Chikoladnikov, Pavel Leonidovich.
[Spot and seam electric welding of steels and alloys
with addition elements] Tsvetmetally i rolyevaya
elektrosvarka legirovannykh stali i spлавov. Moskva,
"Mashinostroenie," 1968. 308 p.

Orlov, Petr Ivanovich.
[Welding and cutting metals with the use of
acetylene-substitute gases] Svarka i rezhka metallor
s primeneniem gazov - zamestitel' aketilena. Moskva,
"Mashinostroenie," 1968. 180 p.

Madaryov, Vladimir Evgenyevich.
[Production technology of electric welding ma-
chinery] Tekhnologiya proizvodstva elektricheskoy
svarki mashin. Leningrad, "Mashinostroenie,"
1968. 436 p.

Shchegolev, Sergei Evgenyevich.
[Welding plastics in construction work] Svarka
plastmass v stroitel'stve. Moskva, Stroiizdat, 1968.
186 p.

Shchegolev, Leonid Pavlovich and Anisimov, Don
Konstantinovich.
[Laboratory work on technology and equipment for
the flame machining of metals] Laboratornyye raboty
po tekhnologii i oborudovaniyu gazoplasmennoi obrabotki
metallor. Moskva, "Mashinostroenie," 1968. 184 p.

621.82 Transmission systems and parts

Anisimov, Aleksandr Sergeevich and Murzayev, Mikhail
Mikhailovich.
[Hydraulic displacement transmission of trans-
portation and traction vehicles] Gidrovicheskoye
peremesheniye transportnykh i tugovnykh mashin. Pod red.
A. S. Anisimova. Leningrad, "Mashinostroenie,"
1968. 213 p.

Rozhn'ko, Oleg Pavlovich, M. A. and Medvedev, V. F.
[Automatic fitting axes and control systems for
the assembly of radial roller bearings] Avto-
maticheskaya ustroystva uchasti i upravlyayushchiye
sistemy k montazhu radial'nykh podshkafnykh
kuchev. Osnov. Moskva, 1968. 78 p.

[Roller axes and shafts] Rol'y osi i valy. Moskva,
"Mashinostroenie," 1968. 183 p.

[Hydro-mechanical transmission of a box] Gidromekhanich-
eskaya peredacha skobov. Moskva, "Transport,"
1968. 113 p.

Kozlov, Aleksandr Matveyevich and Korotkiy, Nikolai
Vladimirovich.
[Operational characteristics of aviation anti-
friction bearings] Eksploataatsionnyye kharakteristiki
podshkafnykh kuchev. Moskva, "Transport," 1968.
234 p.

Shchegolev, Leonid Anisimovich.
[Group assembling of parts for a ship shafting]
Gruppovaya obrabotka detal' sudovogo valoprovoda.
Leningrad, "Mashinostroenie," 1968. 124 p.

621.83 Gears, cams, belts, pulleys

Popov, Aleksandr Vasil'evich.
[Measuring gears] Izmereniye kuchev. Moskva,
Izd. Stankov, 1968. 163 p.

Bykov, V. G.
[Gear gearing with friction engagement] Rezh-
imnaya peredacha s treniem zatseneniya. L'vov,
Izd. L'vovskogo un-ta, 1968. 136 p.

621.84 Material handling. Mechanical handling and hoisting
equipment

Glazov, Leonid Viktorovich.
[Motion of free-falling material in tubes and
bunkers] Dvizheniye svobodno padayushchego materiala
v trubakh i bunkernykh. Moskva, "Mashinostroenie," 1968.
104 p.

Tarata, G. F.
[Adjustment of the electrical equipment of port
cranes] Nastraneniye elektropriborov na kranakh
yuzhnykh portovykh kranov. Moskva, "Transport," 1968.
143 p.

621.87 Cranes and other hoisting mechanisms. Cranes, hoists,
hoisting, etc.

Bykov, V. G. and Matveyev, Georgiy Konstantinovich.
[Installation and operation of cable cranes]
Montazh i eksploataatsiya kablovnykh kranov. Moskva,
"Leningradskiy un-t," 1968. 106 p.

Dudkov, Petr Pavlovich.
[Electric hoist operator] Mashinist elektrosht-
atov. Moskva, Stroiizdat, 1968. 84 p.

Kozlov, Vsevolod Pavlovich.
[Cable operator] Mashinist elektrosht-
atov. Moskva, Stroiizdat, 1968. 103 p.

Shchegolev, Vladimir Evgenyevich.
[Reliability and durability of hoisting cables]
Nadezhnost' i dolgovremennost' pod'emnykh kranov.
Kiev, "Tekhnika," 1968. 140 p.

Shchegolev, Anstolli Iosifovich and Medvedev, Mark Dor-
konstantinovich.
[Modernization of building cranes. (New methods
of redesigning cranes and rearranging crane tracks)]
Modernizatsiya stroitel'skykh kranov. (Novyye metody
perestroyki kranov i ustroystva podkranovykh putey).
Dnepropetrovsk, "Prozha," 1968. 88 p.

Varganov, Vasilii Stepanovich.
[Handbook for crane and lifting operators (in form
of questions and answers)] Rukovodstvo dlya kranov-
shchikov i stropal'shchikov (v voprosakh i otvetakh).
Moskva, "Mash. rabochiy," 1968. 196 p.

621.88 Mechanical mechanisms and fittings

Kozlov, Nikolai Pavlovich.
[Machine-tool attachments] Stanochnye pripo-
molochiya. Moskva, "Mashinostroenie," 1968. 218 p.

Shchegolev, Vladimir Pavlovich and Danilov, P. S.
[Cutting and auxiliary tools, Manual] Rezhuchiy
i vspomogatel'nyy instrument. Spravochnik. [Izd.
2-e, pererabot. i dop.] Moskva, "Mashinostroenie,"
1968. 430 p.

621.89 Lubrication. Friction reducing and increasing devices

Medvedev, Mark Doronovich.
[Friction reducing materials] Poristyye anti-
tritsionnyye materialy. Izd. 2-e, dop. Moskva,
"Mashinostroenie," 1968. 207 p.

Matveyev, Nikolai Vasil'evich and Buzanov, Valentin
Mikhailovich.
[Principles of the technology of wear-resistant
and antifriction coatings] Osnovy tekhnologii izno-
soostoikikh i antitritsionnykh pokrytiy. Moskva,
"Mashinostroenie," 1968. 273 p.

621.9 Tools. Machine tools. Machining

Shchegolev, Leonid Pavlovich and Anisimov, Don
Konstantinovich.

[Laboratory work on technology and equipment for
the flame machining of metals] Laboratornyye raboty
po tekhnologii i oborudovaniyu gazoplasmennoi obrabotki
metallor. Moskva, "Mashinostroenie," 1968. 184 p.

621.91 Boring, planing, shaping, shearing. Milling. Planing.
Shaping. Boreing

Shchegolev, Vladimir Pavlovich and Danilov, P. S.
[Cutting and auxiliary tools, Manual] Rezhuchiy
i vspomogatel'nyy instrument. Spravochnik. [Izd.
2-e, pererabot. i dop.] Moskva, "Mashinostroenie,"
1968. 430 p.

621.92 Abrading, abrading. Grinding, polishing. Grinding, ex-
panding and grinding

Turkovich, V. M.
[Abrasive buffing and its effectiveness. Review]
Almaznoye vyshchivaniye i ego effektivnost'. Obzor.
Moskva, 1968. 61 p.

621.94 Lathe and lathe work. Turning

Bykov, V. G.
[Technical training of adjusters of automatic and
semi-automatic lathes] Prosvetitel'skiye obuchayush-
chiye zadaniya k obrabotke avtomaticheskikh i poluavto-
maticheskikh tovarnykh avtomatov i poluavtomatov.
Moskva, "Vyssh. shkola," 1968. 184 p.

621.97 Hoisting. Presses

Mironov, Iurii Anisimovich.
[Investigation of automatic presses for the pro-
duction of metal products] Issledovaniye avtomaticheskikh
pressov dlya proizvodstva metal'nykh izdeliy. Moskva,
"Mashinostroenie," 1968. 194 p.

621.98 Sheet metal working, bending machines

[Introduction of readjustable dies] Vvedeniye perestroy-
nykh stanzov. Moskva, 1967. 83 p.

[Technical development of sheet-metal articles] Tekhnicheskoye razvitiye izdeliy iz listnogo materiala. Izd. 2-e, dop. i pererabot. Leningrad, "Mashinostroenie,"
1968. 271 p.

622 Mining and mineral dressing

[Using electronic computers in the planning and organi-
zation of mining] Ispol'zovanie elektronnykh mashin
pri planirovani i organizatsii rudnykh mashin pri
Moskva, "Mashinostroenie," 1968. 171 p.

622.1 Preliminary investigation. Exploration. Prospecting and
analysis

Chikoladnikov, Pavel Leonidovich.
[Mechanical and abrasive properties of rocks and
their drillability] Mekhanicheskiye i abrazivnyye svoystva
gornykh porod i ikh burovnost'. Moskva, "Mashinostroenie,"
1968. 186 p.

[Math calculations for systems of ore deposits] Osnovy
matematicheskogo resheniya zadach na optimizatsiyu
sistem razrabotki rudnykh mas. Pod obshch. red. G. M. Medvedeva. Moskva,
"Mashinostroenie," 1968. 275 p.

[Optimization of open-pit mine parameters on electronic
computers] Optimizatsiya parametrov karnykh mas na
elektronnykh vychislitel'nykh mashinakh. Moskva,
"Mashinostroenie," 1968. 90 p.

Shchegolev, Vladimir Vasil'evich and Anisimov, Don
Konstantinovich.
[Ultrasonic control and investigation in mining]
Ul'trazvukovoye kontroly i issledovaniya v rudnykh
Moskva, "Mashinostroenie," 1968. 180 p.

622.2 Mining operations. Exploitation and working of mineral
deposits. Ore and gas well drilling

Shchegolev, Vladimir Vasil'evich.
[Submersible centrifugal electric pumps for
mining operations. (Design and construction)]
Podzemnyye tsentrifugal'nyye elektricheskiye nasosy
dlya rudnykh mas. (Dizayn i konstruktivnyye resheniya).
Moskva, "Mashinostroenie," 1968. 273 p.

Shchegolev, Anstolli Iosifovich and others.
[Principles of the physical observation of drilling
muds and plugging slurries] Osnovy fizicheskoy
prosvetitel'skoy obrabotki i ispytaniya rudnykh mas.
Moskva, "Mashinostroenie," 1968. 178 p.

Kozlov, Vladimir Vasil'evich.
[Capacity hydraulic drive of mining equipment]
Ob'emye gidrovodnykh ustroystv dlya razrabotki rudnykh
mas. Izd. 2-e, dop. i pererabot. Moskva, "Mashinostroenie,"
1968. 233 p.

622.3 Mining operations. Exploitation and working of mineral
deposits. Ore and gas well drilling

Shchegolev, Vladimir Vasil'evich.
[Mechanization and organization of horizontal
mining operations] Mekhanizatsiya i organizatsiya
prosvetitel'skoy obrabotki i ispytaniya rudnykh mas.
Moskva, "Mashinostroenie," 1968. 193 p.

Medvedev, Mark Doronovich and others.
[Conditions of percussive rotary drilling] Usloviya
vibratsionno-rotatsionnoy burovki. Moskva, "Mashinostroenie,"
1968. 73 p.

[Powered supports for stopping in thin steep seams]
Mekhanicheskiye opornyye ustroystva dlya ustoychivoy
kucheykh mas. Kiev, 1968. 146 p.

622.4 Mining operations. Exploitation and working of mineral
deposits. Ore and gas well drilling

Rozhn'ko, Oleg Pavlovich and others.
[Increasing the productivity of mining] Povysheniye
produktivnosti kucheykh mas. Dnepropetrovsk, "Prozha,"
1967. 61 p.

Shchegolev, Vladimir Vasil'evich and Danilov, P. S.
[Mechanization and automation of labor-intensive
processes in drilling] Mekhanizatsiya i avtomatizatsiya
trudozhnykh proizvodstvennykh v rudnykh mas. Moskva,
"Mashinostroenie," 1968. 266 p.

622.5 Mining operations. Exploitation and working of mineral
deposits. Ore and gas well drilling

Shchegolev, Vladimir Vasil'evich.
[Opening of productive seams] Vvedeniye proizvodstvennykh
mas. Moskva, "Mashinostroenie," 1968. 64 p.

[Thermoplastic in mining] Gornyye teploplastiki. Kiev,
"Mashinostroenie," 1968. 114 p.

622.6 Mining operations. Exploitation and working of mineral
deposits. Ore and gas well drilling

Shchegolev, Vladimir Vasil'evich and Danilov, P. S.
[Business accounting in mining enterprises]
Eksploataatsionnyye raschet, na proizvodnykh proizvodstvennykh
trudakh. Moskva, "Mashinostroenie," 1968. 96 p.

- 621.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals
Orlovskiy, Valentin Pavlovich, and others.
[Analysis of the industrial and economic work of an ore mining enterprise] *Analiz proizvodstvenno-khozyaystvennoy deyatelnosti gornorudnogo predpriyatiya.* Moskva, "Nedra," 1968. 176 p.
- Shiboy, Aleksandr Nikolaevich, and Bakharzov, Mikhail Georgiyevich.
[Determining minimum expenditures for the extraction and utilization of coal for electric power production] *Opredelenie minimalnykh zatrat na dobytiye i ispol'zovaniye energeticheskikh ugley.* Moskva, "Nedra," 1967. 80 p.
- [Working of black coal seams] *Razrabotka moshchnykh svetloyuglykh plavuk.* Otv. red. N. A. Chirkov. Novosibirsk, "Nauka," 1968. 158 p.
- 621.3(471.323)—Kursk Province
Shiboy, Mikhail Pavlovich, and Kozlovskiy, Mikhail Aleksandrovich.
[Direct gift of nature] *Voliki dar prirody.* Moskva, "Nedra," 1968. 285 p.
- [Prospects for the open-pit mining of iron ore deposits in the Kursk Magnetic Anomaly with full utilization of minerals] *Perspektivy otkrytoi razrabotki shchelurodnykh masovokhromitnykh KMA pri kompleksnom ispol'zovanii poleznykh iskopaemykh.* Moskva, "Nauka," 1968. 100 p.
- 621.4 Mine services, installations, equipment
Shiboy, Anatoli Nikolaevich.
[Dry transformers and portable substations in mines] *Shchitovyye svyaznye transformatory i peredatnyye podstantsii.* Moskva, "Nedra," 1968. 263 p.
- 621.7 Mineral dressing. Ore preparation
Orlovskiy, Yuri Georgiyevich.
[Composition of iron ores and their concentration] *Sostav zheleznykh rud i ikh koncentratsiya.* Vsesoyuznyy sovet i otdeleniye obogatsionnoy teorii i tekhnologii rud. Moskva, "Nedra," 1968. 208 p.
- 621.8 Safety and health protection in mines. Accident. Damage
Mikhail, G. V., and IV, P. Malyshev.
[Determining conditions of electrical safety and the efficiency of various methods of compensating capacitive currents in mine electric networks] *Opredeleniye uslovii elektricheskoy bezopasnosti i effektivnosti raznykh sposobov kompensatsii kapacitivnykh tokov v shchitovyykh elektricheskikh setyakh.* Krasnoyarskiy otobek. Moskva, 1968. 84 p.
- 621.4 Ordnance. Guns. Service vehicles. Ammunition. War games
[Instruction on shooting. The 8 mm. Makarov pistol (PM)] *Uchebnye po strelbovomu delu. 8-mm Pistolet Makarova (PM) ind. 4-6, 1947. 108 p.*
- [Manual on shooting. The 7.62 mm company machinegun developed in 1945. (RP-45)] *Uchebnye po strelbovomu delu. 7.62 mm rotovyy makhetovskiy. 1945 g. (RP-45). ind. 4-6, 1947. 108 p.*
- Shiboy, Yuri Georgiyevich.
[Optimizing the selection of armament] *Optimizatsiya vybora voornusheniya.* Moskva, Voenizdat, 1968. 103 p.
- 621.71 Military topography, survey
Orlovskiy, A. M., and IV, P. Malyshev.
[Officer's manual on military topography] *Spravochnik ofitsera po voennoy topografii.* ind. 3-6, 1947. 108 p.
- 621 Civil structural engineering
Volynskiy, Boris Pavlovich.
[Construction of precast and monolithic box-shaped structural elements for bending and torsion] *Boxed stroyki i monolitnykh korobchatykh konstruktsii na izgib i krukheniye.* Moskva, Stroizdat, 1968. 108 p.
- 621.1 Earthwork. Foundations. Substructures. Tunneling
[Geology and dams] *Geologiya i plotiny.* Pod obshch. red. A. A. Borovogo. Moskva, "Energia," T. 8. 1967. 208 p.
- [Problems in mapping and regionalization (from the viewpoint of engineering geology. Materials of the Fourth Regional Conference on Engineering Geology)] *Voprosy inzhenerno-geologicheskogo kartirovaniya i regionalizatsii.* Materialy Chetvergogo regionalnogo sveshchaniya po inzh. geologii. Leningrad, 1968. 127 p.
- [Standard norms for production and estimates of transportation and tractor operations] *Tipovyye normy vyrabotki i rascheta na traktorno-transportnyye raboty 3-6 dop. ind. Moskva, Rossel'khozizdat, 1968. 208 p.*
- Volynskiy, Boris Pavlovich.
[Operator of a truck-mounted grader] *Mashinist avtogreidera.* Moskva, Stroizdat, 1968. 104 p.
- Kozlovskiy, Modest Pavlovich, and Shchegolev, Ivan Aleksandrovich.
[Diffusion leaching of clays and its effect on the properties of clay rocks from the point of view of engineering geology] *Diffuzionnoye vychislachivaniye glin i ego vliyaniye na inzhenerno-geologicheskiye svoystva glinistykh porod.* Moskva, "Nauka," 1968. 88 p.
- 624.1(571.36)—Tolst. A. S. S. R.
[Bases for construction on frozen grounds in Yakutia] *Fundamenty sooruzheniy na mraznykh gruntakh v Yakutii.* Moskva, "Nauka," 1968. 189 p.
- 624.2 Superstructures. Bridges
Shchegolev, Ivan Aleksandrovich, and Baranovskiy, Vladimir Ivanovich.
[Building bridge girders by stressed rods] *Ob'edineniye belok mostov napriazhennymi stazhskimi.* Moskva, "Transport," 1968. 68 p.
- 624 Railway, highway engineering
Volynskiy, Vladimir Nikolaevich, and others.
[Wire communication on railroads] *Provedeniye svyazi na shchel'modorozhnom transporte.* ind. 3-6, 1947. 108 p.
- 624.1 Railway engineering. Equipment and track
Orlovskiy, Yuri Georgiyevich, and others.
[Handbook for road masters] *Spravochnik dorozhnogo mastera.* 3-6 pereizd. 1 dop. ind. Moskva, "Transport," 1968. 82 p.
- [Handbook on estimated standards for the overall repair of railroad buildings and structures] *Shchel'mo-normativnyy spravochnik po kapital'nym razmesheniya i sooruzheniyam shchel'modorozhnogo transporta.* Moskva, "Transport," 1968. 127 p.
- [Longlasting the life of rails and wheels] *Povysheniye stroika sluzhby rel'sov i kolos.* Pod red. V. A. Krasina. Moskva, "Transport," 1967. 171 p. (Rostov-on-Don. Institut inzhenerov shchel'modorozhnogo transporta. Trudy, vyp. 62).
- [Railroads. General course] *Obshchaya dorogi. Obshchaya kurs.* Pod obshch. red. M. M. Filippova. Moskva, "Transport," 1968. 273 p.
- 624.2 Rolling stock, locomotives, etc.
Orlovskiy, Yuri Georgiyevich, and others.
[Accelerated methods of controlling the quality of petroleum products] *Uskorennyye metody kontrolya kachestva nefteproduktov.* Moskva, "Transport," 1967. 77 p. (Moscow. Vsesoyuznyy nauchno-issledovatel'skiy tsentr shchel'modorozhnogo transporta. Trudy, vyp. 344).
- Orlovskiy, Yuri Georgiyevich, and Orlovskiy, Yuri Georgiyevich.
[New high-capacity tanks in foreign countries] *Novyye bol'sheemernyye tsisterny na rubezhakh.* Moskva, 1968. 28 p.
- [Longlasting the life of rails and wheels] *Povysheniye stroika sluzhby rel'sov i kolos.* Pod red. V. A. Krasina. Moskva, "Transport," 1967. 171 p. (Rostov-on-Don. Institut inzhenerov shchel'modorozhnogo transporta. Trudy, vyp. 62).
- [Network planning and management in locomotive repair work] *Severnoye planirovaniye i upravleniye pri remonte lokomotivov.* Pod obshch. red. A. I. Tishchenko. Moskva, "Transport," 1968. 134 p.
- Orlovskiy, Yuri Georgiyevich, and Orlovskiy, Yuri Georgiyevich.
[Locomotive aspects, organization, and planning of our facilities] *Eksploataatsiya, organizatsiya i planirovaniye vozovogo khozyaystva.* 3-6 pereizd. 1 dop. ind. Moskva, "Transport," 1968. 204 p.
- Shchegolev, Boris Pavlovich, and Volynskiy, L. I.
[Self-contained refrigerators, (Designs and operation)] *Avtonomnyye refrigiratsionnyye vozovyye.* (Konstruktsiya i opyt eksploataatsii). Moskva, "Transport," 1968. 21 p.
- Orlovskiy, Yuri Georgiyevich.
[Transportation of long loads on coupled cars] *Pervovozka dlinnoshtybnyykh gruzov na stazhnykh vozovyye.* Moskva, "Transport," 1968. 100 p. (Moscow. Vsesoyuznyy nauchno-issledovatel'skiy tsentr shchel'modorozhnogo transporta. Trudy, vyp. 369).
- 625.6 Light railways. Streetcars
Raznik, Modest (Aleksandrovich), and others.
[Manual for streetcar drivers] *Uchebnoye posobie dlya voditel'nykh tramvaya.* ind. 3-6, 1947. 108 p.
- 625.7 Highway, road engineering
Kozlovskiy, Modest Pavlovich.
[Construction of highways] *Proektirovaniye stroitel'stvo avtomobil'nykh dorog.* Moskva, "Transport," 1968. 98 p.
- Orlovskiy, Boris Pavlovich.
[Handbook on highway designing] *Posobie po proektirovaniyu avtomobil'nykh dorog.* ind. 3-6, 1947. 108 p.
- Shchegolev, Boris Pavlovich.
[Stability of forest automobile roads in regions of water-logged soils] *Ustoychivost' lesovykh avtomobil'nykh dorog v perovyzhennyykh rayonakh.* Moskva, "Lesseia prom-sti," 1968. 80 p.
- Orlovskiy, Boris Pavlovich.
[Aesthetics of highways] *Krasota avtomobil'nykh dorog.* Moskva, "Transport," 1968. 168 p.
- Volynskiy, Boris Pavlovich, and Orlovskiy, Vladimir Ivanovich.
[Pocket handbook for highway builders] *Karmannyy spravochnik stroitel'nykh avtomobil'nykh dorog.* Moskva, "Transport," 1968. 804 p.
- 625 Hydraulic engineering and construction work
Orlovskiy, Mikhail Nikolaevich.
[Hydraulic engineering structures] *Gidrotekhnicheskiye sooruzheniya.* Moskva, "Energia," 1968. 343 p.
- Orlovskiy, A. M.
[Hydraulic engineering structures during storms] *Gidrotekhnicheskiye sooruzheniya pri burakh.* Baku, Azarnashir, 1968. 178 p.
- 625.8 Agricultural hydraulics
Orlovskiy, Boris Pavlovich.
[Mechanisms of hydromechanical systems] *Mekhanizmy gidromekhanicheskikh sistem.* 3-6 izpr. 1 dop. ind. Moskva, "Energia," 1968. 384 p.
- 627.3 Port installations, equipment. Dockyards, quays, etc.
Orlovskiy, Mikhail Nikolaevich.
[Handbook on permissible loads on piers] *Spravochnik dopustimnykh nagruzok na prikaly.* Leningrad, "Transport," 1968. 183 p.
- Orlovskiy, Boris Pavlovich, and Orlovskiy, Boris Pavlovich.
[Technical operation and installation of harbor hoisting and conveying machinery] *Tekhnicheskaya eksploataatsiya i ustanochnyye portovyykh pod'emno-transportnykh mashin.* Pod obshch. red. P. A. Orlovskiy. Moskva, "Transport," 1968. 328 p.
- Orlovskiy, G. V.
[Adjustment of the electrical equipment of port cranes] *Nastavleniya na elektricheskuyu upravlyayemyy portovyykh kranov.* Moskva, "Transport," 1968. 168 p.
- Orlovskiy, Boris Pavlovich.
[Improving the economic efficiency of the loading and unloading processes in harbors] *Povysheniye ekonomicheskoy effektivnosti peregruzochnogo protsessov v portakh.* Moskva, "Transport," 1968. 80 p.
- 627.5 Dams. Large reservoirs and storage dams. Hydraulic power plant works
[Geology and dams] *Geologiya i plotiny.* Pod obshch. red. A. A. Borovogo. Moskva, "Energia," T. 8. 1967. 208 p.
- Orlovskiy, Boris Pavlovich.
[Hollow concrete dams on rock] *Otvalochnyye betonnyye plotiny na skel'nykh gruntakh.* Moskva, Stroizdat, 1968. 188 p.
- Orlovskiy, Boris Pavlovich.
[Equalizing reservoirs of hydroelectric power stations] *Ravnil'nyye rezervuary gidroelektrostantsii.* Moskva, "Energia," 1968. 170 p.
- 628.1 Water supply. Waterworks
Orlovskiy, Boris Pavlovich.
[Plastics in water supply engineering] *Plastmassy v vodnom khozyaystve.* Moskva, Rossel'khozizdat, 1968. 120 p.
- 628.2 Illuminating engineering
Orlovskiy, Boris Pavlovich, and Orlovskiy, Boris Pavlovich.
[Lighting in industrial buildings] *Osvetsheniye promyshlennykh zdaniy.* Moskva, Stroizdat, 1968. 168 p.

[Selecting the ratios in power transmissions of track tractors for intermittent freight transportation. Technical and economic justification] Vystozhinskiy, A. I. *Paradokhschiy shchel stirovoi peredachi arkhivirov dlia mekhanizirovannykh granulyarnykh perevoznikov. Tekhn.-ekon. obosnovaniye.* Moskva, 1983. 86 p.

Stepanov, Nikolai Nikolaevich,
[Military and transport troops] Voennye avtomobily. Moskva, Izd. DORAAP, 1964. 64 p.

Dnepropetrovsk, Anstalt "Izobrazheniye"
(The experimental) Experiment, Moscow, "Eko-
nomika," 1960, 92 p.
(CU)

Parobey, M. A. and others.
[Exploitation and maintenance of filling stations]
Eksploatacja i remont stacji tankowania samochodowych
tytuł. Moskwa, "Mashra," 1960. 24 p.
(UMAL)

Dobrovolskiy, Viktor Nikolayevich, and others.
[New system in operation. (Work experience of
microbalancing enterprises under conditions of the new
system of planning and economic stimulation)] Novosti
Akademii v Dnestry. (Opyt raboty mikrobalansirov. pred-
priyatiy v usloviyakh novoy sistemy planirovaniya i
ekon. stimulirovaniya). Leningrad, "Ekhostranitsa,"
1986. 104 p.

Kharykovskii, Mikhail Golosovskii.
[Theoretical naval architecture and the arrange-
ment of ships. Calculations and problems] Teoriia i
ustroystvo sudov. Raschety i zadachi. Moskva,
"Transport," 1968, 191 p.

Karlov, Larin Mikhailovna.
[Industrial sanitation and safety in shipbuilding]
Promyshlennaya estetika i tekhnika truda v sudestro-
eni. [Leningrad, "Sudostroenie," 1968]. 168 p.

[Group manufacturing details for a ship staffing]
Gruppovaya obrabotka detalей судного валопровода.
[signed: "Dobrostroye," 1968, 184 p.]

Design of remote control systems for main engines on river motorboats. Konstruktsii sistem dalekotsennogo upravleniya glavnykh dvigatelnykh rezhimnykh upravlennykh. Moscow, "Transport," 1968. 183 p.

Polonskii, Vladimir Ivanovich.
Electric propulsion systems of ocean going ships
Gruppa elektromekhanicheskikh i energeticheskikh sudov,
vol. 2-a, paramebot. 1 dny. Moskva, "Transport,"
1968. 350 p.

Yakovlev, Anisim Ikhovitch, and Kuznetsov, Vladimir
Vladimirovich.
[Flying model and aerodynamics] Letunshobnii
model i aviatatsia. Moscow, DOBAAF, 1938. 64 p.

[Konstantin Tsiolkovskii, founder of rocket engineering, astronautics, and the theory of interplanetary communication] Konstantin Tsiolkovskii. Osnovopolozhivye razskaznii tekhniki, kosmonavtiki i teorii mezplanetarnykh sobytiy. [Kulinsk, Izd. Agenterstva pechatn. novost. 1967] 14 p. illus.

Parasade, Syntokovskiy Aleksandrovich.
[Gilded submachine gun rooster weapons] Zamirno
spravlyashiesya rakietno oruzhie. Moskva, Voenizdat
1968. 118 p.

Piotrusewicz, Aleksander
[Pictet sp. n.] *Piotrusewicz kosmichevskis*
Moscú, Moscú, Voenstat, 1966, 212 p.

33 AGRICULTURE, FORESTRY, STOCKBREEDING
ANIMAL PRODUCE, HUNTING, FISHING
Bakayev, M. M. and others, editors.
(Handbook on safety measures in agriculture)
Spravochnik po okhrane (truda i zheniznykh resheniy)
3-e izd., pererabot. i dop. Moskva, "Mishin", 1964
106 p.

631 (571) — Anisheko N. M., V. S. M.
[Distribution and specialization of agriculture and stock breeding in the zone of Western Siberia].
Bakhtshevskiy i spetsializatsiya zhivotnovodstva i volnochnogo proizvodstva v zone zapadnoy Sibiri. Moscow, Vsesoyuznaya Akademiya Nauk, 1964, 200 p.

Dorothea, Madelon Andriessen, and Pursey, V1027
Bergovian
(Organization of transportation with English
bural production) Organized in the
nyka nizhnik v del'skikh i v del'skikh
Moskva, Russia. 10/10/1947. 1047. 11. 11.

Col'tov, A. A. Vegetables and organization of the production of vegetables and potatoes on a specialized farmstead.
Vegetables i organizatsiia proizvodstva na spetsializirovannoi khor'kovo y spetsializirovannom podkormke, M. S. S. S. R.
"Kolhoz", 1968, 228 p.
(DPRAL)

Grigoriy, Mikhail Pavlovich
(Construction of rural industrial enterprises)
Stroitel'stvo sel'skikh promyshlennyykh predpriyatiy
Moskva, Stroitel'stvo, 1968. 254 p.

Organizatsiya (Organization of transportation with respect to
barni production) Organizatsiya truda na 1954-55
with rubotnik v sel'skookhozhaystvennykh i lesnykh
khuzh. Promyshlennost. 1957. 88 p.

[Suggestion by inventors and efficiency prior art]
bichromatelli i razionalizzatori per la stampa. M. C. L. V.
"Monk, rubochil," 1906, 178 p.

Vorozov, Iurii Ivanovich, and others,
[Agricultural machinery, 1968, 200 p.]
Mashiny. (Ind. 2-o, imp. i dok.) Mashin. Stroy.
shkola. " 1968. 458 p.

(Pyrometric analysis of soils and minerals)
 Pyrometricheskii analiz pochvy i gornykh. Tekh. ^o
 "Vuzgiz," 1968, 134 p.

CSL 4(540)—Pakistan
Trifland, Vladimir Markovich
 [Between the Himalayas and Arabian Sea]
 Ghazal and Arabian Sea. 1968. 174 p.

021, 4(671) — Antonio R. R. F. R. R.

Genetiobesidia osobennosti pochy Ob'-Irtyskoy
rech'ni i Gornogo Alai. Genetic features of
of the region between the Ob and Irtysh Rivers
Alai Mountains, Novosibirsk, "Zhukovskiy" 1968
(DMAL)

Vorob'ev, Dmitrii Petrovich.
[Wild growing trees and shrubs of the Far East]
Dikorochnitskikh derev'ia i kustarniki Dal'nego Vo-
stoka. Leningrad, "Miris." 1966. 377 p.

- 634.08 Forest products and their utilization
[Technology of pulp tapping with saccharose acid] Tekhnologiya podoskhi knuzny s kislotoj, Moskva, "Lesnaya prom-st'," 1968, 107 p.
Vysotskiy, Anatoliy Alekseyevich.
[Technology and organization of tapping with the use of calcium hypochlorite] Tekhnologiya i organizatsiya podoskhi s primeneniem puty khlornoi kisloty. Moskva, "Lesnaya prom-st'," 1968, 78 p.
- 634.1 Fruit and fruit growing
[Breeding and strain study of fruit and berry cultures in a non-Chernozem zone] Selektziya i sortovoechno-plodivno-legodnykh kul'tur v nechernozemnoi zone. Sbornik statei. Moskva, "Kolos," 1968, 243 p.
(CU)
Oshiba, Klava Ivanovna.
[Raspberries] Malina. Sverdlov, Privolzh, Iz. Inst. 1968, 84 p.
Pavlov, Vasily Vasil'yevich.
[Berry patches] Iagodka. Alma-Ata, ("Kokor"), 1968, 240 p.
(CU)
- 634.1(971)—Asia R. S. F. S. R.
Pavlov, Vasily Vasil'yevich, and Gureva, Mariya Dmitriyevna.
[Grafting fruit trees in Siberia] Peresadivanie plodovykh darov v v Sibiri. Novosibirsk, Zap.-Sib. Iz. Inst., 1968, 78 p.
- 634.8 Crops. Vines. Viticulture
634.8(971.1)—Uzbek S. S. R.
Kraynitskiy, L. K.
[Wild grapes introduced by the Botanical Garden of the Academy of Sciences of the Uzbek S. S. R.] Dikie vinnogrady, vvedennyye v nauchnyy Botanicheskiy sadom AN UzSSR. Tashkent, "Tus," 1968, 78 p.
(DMAL)
- 634 Horticulture. Gardens and gardening
Kraynitskiy, Vasily Vasil'yevich, and Pavlov, Vasily Vasil'yevich.
[Restoration and reconstruction of old gardens] Vostanovleniye i rekonstruktsiya starykh sadov. Moskva, "Miskoy rabochi," 1968, 88 p.
- 635.1 Vegetable gardening and vegetables
[Collection of scientific information on vegetable growing] Sbornik nauchnoy informatsii po ovoshevedeniyu. Moskva, "Kolos," 1968, 180 p.
Gol'ts, Anatoliy Alekseyevich.
[Economics and organization of the production of vegetables and potatoes on a specialized section] Ekonomika i organizatsiya proizvodstva ovoshekh i kartofelya v spetsializirovannom sotskome. Moskva, "Kolos," 1968, 283 p.
(DMAL)
Kraynitskiy, Vasily Vasil'yevich.
[Spring and fall radish] Medis i redits. Pod red. V. A. Bryzgalova. Leningrad, "Kolos," 1967, 84 p.
(DMAL)
- 635.1(478.24)—Azerbaijan S. S. R.
Saidov, Ghasas Ali oglu.
[Development of vegetable gardening in Azerbaijan] Razvitiye ovoshevedeniya v Azerbaidzhane. Baku, Asessat, 1968, 83 p.
- 635.8 Edible fruit and seed plants
Gureva, Mariya Dmitriyevna.
[Handbook on the application of leguminous cultures] Spravochnik po primeneniyu leguminoznykh kul'tur. Moskva, "Kolos," 1968, 182 p.
- 635.9 Ornamental horticulture. Flowers. Shrubs
Gureva, Mariya Dmitriyevna.
[Wild-growing spring flowers for gardens and parks] Dikorastushchie yatsenitsy i tsveti dlya sadov i parkov. Moskva, "Miskoy," 1968, 127 p.
- 636 Domestic animals
[Diagnosis of infectious and protozoal diseases in farm animals] Diagnostika infektsionnykh i protsoznoy boleznei sel'skokhozyaystvennykh zhivotnykh. Moskva, "Kolos," 1968, 194 p.
[Repair of transportation devices on livestock (arab)] Remont transportnykh ustroystv na zhivotnovodstvennykh ferma. Moskva, "Kolos," 1968, 127 p.
- 636(471)—Asia R. S. F. S. R.
[Specialization of animal husbandry in Gorno-Altai Province] Spetsializatsiya zhivotnovodstva v Gorno-Altayskoi oblasti. Minsk, "Urozhai," 1967, 18 p.
(DMAL)
- 636(971)—Asia R. S. F. S. R.
[Distribution and specialization of agriculture and livestock breeding in the zone of Western Siberia] Razmeshcheniye i spetsializatsiya sel'skogo i zhivotnovodstva v zone zapadnoy Sibiri. Pod red. M. I. Tikhonova. Moskva, Russel'skoye, 1968, 204 p.
- 636(978.2)—Kirgizia S. S. R.
Kraynitskiy, L. K.
[The Kirgizian of Kirgizia as an active helper of the party in the struggle for the development of socialist animal husbandry] Kirgizskoye zhivotnovodstvo v sotsialisticheskoy Kirgizii. Pod red. M. I. Tikhonova. Moskva, Russel'skoye, 1968, 204 p.
(DMAL)
- 636.08 Stock management. Breeding. Cows
Pavlov, Vasily Vasil'yevich.
[Development of the feed supply in animal husbandry of the U. S. S. R.] Razvitiye kormovoy bazy zhivotnovodstva v SSSR. Moskva, "Miskoy," 1968, 184 p.
Pavlov, Vasily Vasil'yevich.
[Increasing the protein content in milk] Povysheniye soderzhaniya belka v moloke. Moskva, "Kolos," 1968, 138 p.
Troyanov, V. M.
[If there is fodder, there will be milk and meat] If kormy, bude moloko i m'aso. Kyiv, "Urozhai," 1964, 74 p.
(DMAL)
[Ways to increase the profitability of animal husbandry] Puti povysheniya rentabel'nosti zhivotnovodstva. Moskva, "Miskoy," 1968, 139 p. (Narodnyi universitet. Sel'sko-khoz. fakul'tet, 10).
- 636.08 Feeding stuff. Fodder
[Handbook on production and utilization of fodder] Spravochnik po proizvodstvu i ispol'zovaniyu kormov. (3-e dop. i ispr. izd.) Minsk, "Urozhai," 1968, 438 p.
- 636.1 Horses
636.1(971.88)—Tajik S. S. R.
Gureva, Mariya Dmitriyevna.
[Tajik horsebreeding. Economic aspects and organization of range herd horsebreeding in the Tajik S. S. R.] Tajikskoye konnovedeniye. Ekonomika i organizatsiya stepnogo konnovedeniya v Tajikskoy ASSR. Dushanbe, Tajikskoye kn. izd., 1968, 263 p.
(DMAL)
- 636.1 Cattle
Dobryakov, Y. S.
[Experience in the control of barrenness in cows] Dostizheniya v kontrolye bezplodnosti korov. Kyiv, "Urozhai," 1964, 46 p.
(DMAL)
Mokhovskiy, Petr Leon'yevich.
[Muscular cattle breeding station] Ploshchadnyy sortovoyechnyiy skot. Moskva, "Kolos," 1968, 141 p.
- 636.2 Sheep, goats
Pavlov, Vasily Vasil'yevich.
[Colored lambs] Tsvetnyye baranki. (3-e izd.) Moskva, "Kolos," 1968, 108 p.
- 636.2 Pigs
Pavlov, Vasily Vasil'yevich, and Kravitskiy, Aleksandr Alekseyevich.
[Scientific achievements and advanced experience in sheep breeding for meat and wool] Dostizheniya nauchnoy i peredovoy opyt v ovovodstvennoy zhivotnovodstve. Moskva, Russel'skoye, 1968, 108 p.
- 636.4 Swine, pigs
Pavlov, V. V.
[Infectious atrophic rhinitis in swine] Infektsionnyy atrofiticheskii rinit svinей. Izd. 3-e, pererabot. i dop. Moskva, "Kolos," 1967, 180 p.
(DMAL)
Pavlov, V. V., and others.
[Swine breeding on the "Taganrogskiy" sovchoz] Zhivotnovodstvo v sovchoze "Taganrogskiy." Moskva, "Kolos," 1968, 70 p.
- 636.5 Poultry
Gureva, Mariya Dmitriyevna.
[Poultry raising on private lots] Privatnoy zhivotnovodstvo. Moskva, "Kolos," 1968, 84 p.
Pavlov, V. V., and Kravitskiy, A. A.
[Raising chickens in poultry] Vozrastuzheniye ptitsy. Moskva, Izd. sel'skokhozyaystvennoy i stepnoy, 1968, 247 p.
(DMAL)
Pavlov, Vasily Vasil'yevich.
[Maintenance of poultry in cages] Upravleniye soderzhanie ptitsy. Moskva, "Kolos," 1968, 134 p.
Pavlov, Vasily Vasil'yevich, and Kravitskiy, A. A.
[Standard norms and time quotas in the management of poultry] Tipovyye normy i normativy vremeni v upravlenii ptitsy. Moskva, Russel'skoye, 1968, 98 p.
- 636.9 Other useful animals and pets
Pavlov, Vasily Vasil'yevich.
[Colored lambs] Tsvetnyye baranki. (3-e izd.) Moskva, "Kolos," 1968, 108 p.
- 637 Dairy and other animal products
Kraynitskiy, L. K.
[Receiving of milk and dairy products and the determination of their quality] Priem i opredeleniye kachestva moloka i molochnykh produktov. Izd. 3-e, pererabot. i dop. Moskva, "Kolos," 1967, 311 p.
Troyanov, V. M.
[If there is fodder, there will be milk and meat] If kormy, bude moloko i m'aso. Kyiv, "Urozhai," 1964, 74 p.
(DMAL)
- 637.1 Dairying and dairy products
Bogdanov, Vasily Vasil'yevich, and Kravitskiy, A. A.
[Production and use of fermented in the dairy industry] Proizvodstvo i primeneniye fermentov v molochnoy promyshlennosti. Moskva, "Miskoye prom-st'," 1968, 80 p.
Pavlov, Vasily Vasil'yevich.
[Increasing the protein content in milk] Povysheniye soderzhaniya belka v moloke. Moskva, "Kolos," 1968, 138 p.
- 637.4 Eggs
Pavlov, V. V.
[Ways to increase egg production] Puti razvitiya yaiatnyatstva. Kyiv, "Urozhai," 1964, 93 p.
(DMAL)
- 637.5 Meat. Slaughtering
Gureva, Mariya Dmitriyevna, and Kravitskiy, A. A.
[Principles of scientific organization of labor in the meat industry] Osnovy organizatsii truda v meatnoy promyshlennosti. Leningrad, "Miskoye prom-st'," 1968, 109 p.
- 638.1 Bookkeeping
[Collection of scientific research papers on bookkeeping] Sbornik nauchno-issledovatel'skikh rabot po knizhnovodstvu. Moskva, Russel'skoye, 1968, 233 p.
(CU)
- 638.2 Fisheries
Kraynitskiy, L. K.
[Brief dictionary of fisheries (terms)] Kratkiy slovar' rybnicheskikh slov. Moskva, "Plakharina prom-st'," 1968, 180 p.
Kraynitskiy, L. K.
[Methods of commercial fishing] Metody kommersial'nogo lova ryby. Moskva, "Plakharina prom-st'," 1968, 103 p.
- 64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL MANAGEMENT. CATERING, ETC.
Kraynitskiy, Vasily Vasil'yevich.
[Modern restaurants and the art of service] Sovremennyye restorany i iskusstvo obsluzhivaniya. Moskva, "Ekonomika," 1968, 183 p.

65. MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE, BUSINESS, COMMUNICATION AND TRANSPORT

65.01 Management theory, method, system

Kravtsov, Boris Abramovich.

[Criticism of bourgeois views on the principles of socialist management] Kritika burzhuaznykh vyzhivov na ekonomicheskii ustroystvo khozaystva. Moskva, "Mysl", 1968, 204 p.

[The technique of management] Tekhnika upravleniya. Pod red. G. Kh. Popova. Moskva, Izd. Mosk. un-ta, 1962, 182 p.

65.02 Office management, practice and equipment

Vecher, Nikolai Ivanovich and others.

[Economics of the mechanization of managerial work] Ekonomika mekhanizatsii upravlyayemykh trod. Moskva, "Ekonomika", 1968, 148 p.

65.03 Printing, Publishing, Book trade

Chepur, Viktor Ivanovich.

[Newspaper stereotypes] Gazetnaya stereotipnaya. Moskva, "Kniga", 1968, 112 p.

[Comprehensive dictionary of difficulties in the Russian language for workers of the printing industry] Kratkiy slovar' trodovoy russkogo yazyka. Dlya rabotnikov pechatn. Moskva, Izd. Mosk. un-ta, 1968, 204 p.

654(471.310)—Moscow CKY

Volk, Irina Borisovna.

[A history of wonders] Fabrika chudesa. Moskva, "Kniga", 1968, 162 p.

65.04 Transport and postal service

Belobogov, Ivan Ivanovich.

[Overall mechanization of loading and unloading operations on transportation lines] Kompleksnaya mekhanizatsiya pogruzochno-razgruzochnykh rabot na transporte. Moskva, "Znanie", 1967, 46 p. (Novoye v shizhe, nauke, tekhnike. XXI Seriya "Transport", 8).

Obornikova, Anna Mikhailovna and others.

[Development of packaged goods transportation] Razvitiye pakunoykh perevozok granov. Pod red. A. M. Obornikova. Moskva, "Transport", 1968, 88 p.

Bozhenko, Nikolai Mikhailovich and others.

[Use, technical servicing, and repair of machinery and mechanisms used in the construction of transportation systems] Kompleksnaya, tekhnicheskaya obsluzhivaniye i remont mashin i mekhanizmov transportnogo stroitel'stva. Moskva, "Transport", 1968, 300 p.

Shay, Nikolai Mikhailovich, Shvayev, German Vladimirovich.

[Transport and time] Transport i vremya. Moskva, "Znanie", 1968, 47 p. (Novoye v shizhe, nauke, tekhnike, Seriya "Transport", 11).

65.05 Road transport, loading

Khodakov, Mark Nikolayevich.

[Automobile freight transportation] Gruzovyye avtomobil'nye perevozki. Moskva, "Transport", 1968, 204 p.

Ardeev, M. A. and others.

[Dispatch control of automotive interurban freight transportation] Dispetcherskoye rukovodstvo mezhagorodnykh perevozokmi granov avtomobil'nykh transportom. Moskva, "Transport", 1968, 71 p.

65.06 Railway transport

Orlovskiy, Grigoriy Mikhailovich and Shvayev, Anna Grigoriyevna.

[Accounting of the basic activity of railroads] Balansirovaniye osnovnoy deyatelnosti shozovnykh dorog. Izd. 2-e, pererabot. Moskva, "Transport", 1968, 211 p.

Orlovskiy, G. P.

[Overall mechanization and automation of loading and unloading operations on railroads] Kompleksnaya mekhanizatsiya i avtomatizatsiya pogruzochno-rasgruzochnykh rabot na shozozodorskom transporte. Izd. 2-e, pererabot. i dop. Moskva, "Transport", 1968, 244 p.

[Moscow-Vladivostok. Railroad guidebook] Moskva-Vladivostok. Putevoditel' po shk. d. [Izd. 2-e, pererabot. i dop.]. Moskva, "Mysl", 1968, 244 p.

Polyakova, Valya Sergeevna.

[Handbook on unloading norms for materials expenditure in railroad depots and plants] Spravochnik po normirovaniyu rashoda materialov v depo i na zavodskh shozozodorskom transporte. Moskva, "Transport", 1968, 234 p.

65.07 Marine, water transport

Krasnitskiy, Konrad Valentinovich and Filipov, Igor' Georgiyevich.

[Riding out of storms by ships] Shozozovaniye sedov. Moskva, "Transport", 1968, 111 p.

Avila, Vladimir Ivanovich.

[Calculating a fleet movement graph on electronic computers] Raschet grafika dvizheniya flet na elektronnykh vychislitel'nykh mashinakh. Moskva, "Transport", 1968, 215 p.

Shchegoleva, Anna Ivanovna.

[On the seas and beyond the seas] Na morskakh i za moriam. . . Vladivostok, Dal'nevost. kr. izd., 1968, 144 p.

Zakrevskiy, Yevgeniy Vlasovitch.

[Criteria efficiency of a navigator's calculations] Raznoobrazie shozozovaniy raschetov. Moskva, "Transport", 1968, 112 p.

65.07 Air transport

[Civil aviation of the U.S.S.R. 1947-1967] Grazhdanskaya aviatsiya SSSR. 1947-1967. Moskva, "Transport", 1968, 22 p.

65.07 Air transport

Orlovskiy, Grigoriy Mikhailovich and Shvayev, Anna Grigoriyevna.

[Accounting of the basic activity of railroads] Balansirovaniye osnovnoy deyatelnosti shozovnykh dorog. Izd. 2-e, pererabot. Moskva, "Transport", 1968, 211 p.

65.08 Business, works and shop management and technique

Obornikova, Anna Mikhailovna and others.

[Economic and administrative methods of industrial management under new conditions] Ekonomicheskaya i administrativnyye metody upravleniya promyshlennost'yu v novykh usloviyakh. Dostizheniya, 1968, 12 p.

65.09 Finance of business enterprises. Finance

Kol'skaya, Liliya Vladimirovna and others.

[Finance and credit in agricultural enterprises] Finansy i kredit v sel'skokhozyaystvennykh predpriyatiyakh. K., pers. i dop. vyd. Kyiv, "Droshel", 1968, 242 p.

(MFI)

[Finance of industry] Finansy promyshlennosti. Khol'skaya, Liliya Vladimirovna, M. A. Pashina. Moskva, "Finansy", 1968, 263 p.

Shchegoleva, Anna Ivanovna and others.

[Capital assets and productive capacity of machine metallurgy] Osnovnye formy i proizvodstvennyye sposobnosti chernoy metallurgii. [Moskva, "Metallurgiya", 1968, 220 p.

Yul'yan, Mikhail Nikolayevich.

[Finance of river transport] Finansy rechnogo transporta. Moskva, "Transport", 1968, 264 p.

Vysotskiy, Viktor Stepanovich and Rem, Grigoriy Vladimirovich.

[Business accounting in mining enterprises] Khozaystvennyy raschet na gornorudnykh predpriyatiyakh. Moskva, "Mekha", 1968, 86 p.

654.1(471.310)—Moscow CKY

Derzhavskiy, Anatoliy Ivanovich.

[The experiment] Eksperiment. Moskva, "Ekonomika", 1968, 92 p.

(OU)

65.09 Establishments. Works, plants and equipment

[Potentialities in the diesel fuel economy] Resursy v ekonomii dizekhnogo topliva. Moskva, "Transport", 1968, 20 p.

65.09 Personnel. Human relations

Khodakov, Mark Nikolayevich.

[Safety manual for the operator of a refrigerator at a cement plant] Pustelka po tekhnicheskoy bezopasnosti dlya mashinista khodovogo na transportnom zavode. Moskva, Stroitel'stvo, 1967, 18 p.

Woodard, Wesley H. and Cooper, Donald W.

[Human engineering guide for equipment designers. Translated from the English] Spravochnik po ludozhnoy psikhologii dlya inzhenerov-konstruktorov. Pod red. V. P. Vash. Moskva, "Mir", 1968, 212 p.

65.09 Production management and control

Mayev, Mikhail Pavlovich and Buzov, Dmitriy Mikhailovich.

[Technical and economic calculations in (copper metallurgy) Tekhnicheskoye i ekonomicheskoye raschety v chernoy metallurgii. Moskva, "Metallurgiya", 1968, 470 p.

Covino, Charles P. and Maggini, Angelo B.

[Quality assurance manual. Translated from the English] Sistemy kontrolya i kachestvo produktov. Moskva, Izd. standartov, 1967, 84 p.

Dubrovskiy, Viktor Nikolayevich and others.

[New systems in operations. (Work experience of shipbuilding enterprises under conditions of the new system of planning and economic stimulation)] Novyye sistemy v delatvii. (Opyt raboty sudostroytel'nykh predpriyatiy v usloviyakh novoy sistemy planirovaniya i ekonomicheskoy stimulirovaniya). Leningrad, "Dobrostranitsa", 1968, 104 p.

[Economic aspects of the synthetic fibers industry] Ekonomika promyshlennosti khimicheskikh volokna. Moskva, "Khimia", 1968, 123 p.

Gerasimov, G. A.

[Automation of the statistical control and precision regulation of production processes] Avtomatizatsiya statisticheskogo kontrolya i regulirovaniya tochnosti proizvodstvennykh protsessov. Tbilisi, [Metallurgiya], 1967, 81 p.

Gerasimov, Georgiy Andreyevich.

[Classification of production processes and principles for the design of automatic control means for continuous and automatic lines in the electric machinery industry] Klassifikatsiya proizvodstvennykh protsessov i printsipy postroyeniya ustroystv avtomaticheskogo kontrolya i avtomaticheskikh liny v elektromashinostroyeni. Tbilisi, [Metallurgiya], 1967, 63 p.

Orlovskiy, Grigoriy Mikhailovich and others.

[Production organization and planning in blast (furnace and sintering plant)] Organizatsiya i planirovaniye proizvodstva v dozovnykh tsukhakh i na aglomernykh tsukhakh. Moskva, "Metallurgiya", 1968, 206 p.

Orlovskiy, Grigoriy Mikhailovich.

[Mathematical and planning. (From the practice of the timber and wood-working industry)] Matematika i planirovaniye. (Iz opyta iamoj derevozobrabatovayushchey prom-shi). Moskva, "Lesnaya prom-sh.", 1968, 87 p.

Kozlov, Georgiy Fedorovich.

[I see the unknown] Vidy neznanogo. Moskva, "Mekha, rabotniki", 1968, 80 p.

Lukitskiy, Pavel Aleksandrovich.

[Mechanization and organization of horizontal mining operations] Mekhanizatsiya i organizatsiya provedeniya gorizontal'nykh vyrobok. Moskva, "Mekha", 1968, 182 p.

Mayev, Mikhail Pavlovich and Volkov, Nikolai Ivanovich.

[Economic reform in light industry. (Textile, clothing, leather, and shoe enterprises under new conditions of work)] Ekonomicheskaya reforma v legkoj promyshlennosti. (Teksil'nyye, shvaynyye i kozhev.-obuvnyye predpriyatiya v novykh usloviyakh raboty). Moskva, "Legkaya industriya", 1968, 187 p.

[Network planning and management in locomotive repair work] Setevoye planirovaniye i upravleniye pri remonte lokomotivov. Pod. obshch. red. A. I. Tikhonova. Moskva, "Transport", 1968, 130 p.

Orlovskiy, Grigoriy Mikhailovich and others.

[Analysis of the industrial and economic work of an ore sintering enterprise] Analiz proizvodstvenno-khozaystvennoy deyatelnosti gornorudnogo predpriyatiya. Moskva, "Mekha", 1968, 178 p.

[Problems of improving the quality of products. A collection of articles on the work experience of Moscow and Leningrad enterprises] Problemy povysheniya kachestva produktov. Shorak sborik shoz opyta raboty mosk. i leningrad. predpriyatiy. Pod obshch. red. M. A. Buzova i M. A. Cherenyukha. Moskva, Izd. Mashinostroyeniya, 1968, 184 p.

[Problems of the scientific organization of management of socialist industry. (Based on the materials of an all-Union scientific and technical conference)] Problemy nauchnoy organizatsii upravleniya shozialisticheskoy promyshlennost'yu. (Po materialam veshchey.-nauch.-tekhn. konferentsii). Moskva, "Ekonomika", 1968, 647 p.

[Prospects for using computers in the management of industry and transportation. Papers and reports] Perspektivy primeneniya vychislitel'noy tekhniki dlya upravleniya v promyshlennosti i transporte. Doklady i soobshcheniya. Moskva, "Mekha", 1968, 84 p.

[Recommendations on planning dispatcher control in construction work] Rekomendatsii po projektirovaniyu dispetcherskogo upravleniya v stroitel'stve. Moskva, Stroitel'stvo, 1968, 95 p.

[Role of public participation in industrial management. Practice in an applied sociological study] Rol' obshchestvennosti v upravlenii proizvodstvom. Opyt konkretizatsii issledovaniya. Kharkov, Izd. Khark. un-ta, 1968, 220 p.

Orlovskiy, Grigoriy Mikhailovich.

[Economic analysis is a tool for uncovering internal potentialities] Ekonomicheskaya analiza - orodie vyklyeniya vnutrichozaystvennykh reserov. Moskva, "Finansy", 1968, 84 p.

Orlovskiy, Grigoriy Mikhailovich.

[Economic aspects of automation in the machinery industry] Ekonomika avtomatizatsii mashinostroyeniya. Moskva, "Mekha i tekhnika", 1968, 81 p.

060.51.01 Metallurgy and Metallurgy, General

[Principles of scientific organization of labor in the metal industry] Osnovy organizatsii truda v metal'noy promyshlennosti. Leningrad, "Pishevaya prom-st'," 1963. 150 p.

060.51.02 Metallurgy and Metallurgy, General
[Dispatcher control of automotive (interurban freight transportation) Dispatcher's control of automotive (interurban freight transportation) Osnovy upravleniya avtomobil'nym transportom. Moskva, "Transport," 1963. 71 p.

060.51.03 Metallurgy and Metallurgy, General
[Increasing the economic efficiency of the loading and unloading processes in harbors] Povysheniye ekonomicheskoy effektivnosti peregrazhnogo protsessov v portakh. Moskva, "Transport," 1963. 26 p.

060.51.04 Metallurgy and Metallurgy, General

[Organizing the processing of scrap metal and its supply to metallurgical plants] Organizatsiya pererabotki lozha i snabzheniya im metallurgicheskikh zavodov. Kiev, "Tekhnika," 1963. 114 p.

06 CHEMICAL INDUSTRY. CHEMICAL TECHNOLOGY

060.52.01 Chemistry and Technology of Intermediate Products and Dyes

[Chemistry and technology of intermediate products and dyes] Khimiya i tekhnologiya pomezhdotnykh produktov i organsicheskikh krasitel'nykh. Moskva, "Vyssh. shkola," 1963. 360 p.

060.52.02 Chemical engineering

060.52.02.01 Chemical engineering

[Project work for course credit on the subject "Processes and equipment of the chemical industry"] Burzovskaya projektirovaniye po predmetu "Protsessy i apparaty khimicheskoy promyshlennosti." Moskva, "Vyssh. shkola," 1963. 304 p.

060.52.02.02 Chemical engineering

[Drying in a fluidized bed. Theory, design, calculation] Suusheniye v zhizhnitsyom sostoyanii. Teoriya, konstruktivnyye raschet. Izd. 2-e, pereizdat. 1 dop. Leningrad, "Khimiya," 1963. 354 p.

060.52.03 Weaving with liquid: handling, treatment

[Heat and mass transfer] Teplo- i massoperecheniye. Kiev, duma, "1963" 244 p.

060.52.04 Special chemical processes, treatments

060.52.04.01 Special chemical processes, treatments
[Oxidation and regeneration of dehydrogenation catalysts during the production of monomers for synthetic rubber] Oksidatsiya i regeneratsiya katalizatorov dehidrogenatsii pri proizvodstve monomernykh. Pod red. G. K. Baranovskogo, Novosibirsk, "Nauka," 1963. 64 p.

060.52.04.02 Special chemical processes, treatments

[Principles of the design, assembly and operation of automatic distillometers of ammonia] Osnovy projektirovaniya, montazha i ekspluatatsii avtomaticheskikh distillometriy amoniaka. Leningrad, 1963. 38 p.

060.52.05 Nitrogen compounds

060.52.05.01 Nitrogen compounds
[Principles of the design, assembly and operation of automatic distillometers of ammonia] Osnovy projektirovaniya, montazha i ekspluatatsii avtomaticheskikh distillometriy amoniaka. Leningrad, 1963. 38 p.

060.52.06 Organic substances

060.52.06.01 Organic substances
[Absorption of organic compounds on electrodes] Adsorbtsiya organsicheskikh soedineniy na elektrodakh. Moskva, "Nauka," 1963. 333 p.

060.52.07 Metallic compounds. Mineral pigments

060.52.07.01 Metallic compounds. Mineral pigments
[Polymerization of ethylene, its properties and uses] Dopol'niye soedineniya, ego svoystva i primeneniye. Kiev, "Naukove durnik," 1963. 90 p.

060.52.07.02 Metallic compounds. Mineral pigments

[Fertilizers, structure, properties and the technology of their production] Udobreniya, stroeniye, svoystva i tekhnologiya proizvodstva. Leningrad, "Tekhnika," 1963. 344 p.

060.52.08 Fuel. Combustion. Heat economy

060.52.08.01 Fuel. Combustion. Heat economy
[Thermal analysis of solid fuels] Termicheskiy analiz tverdykh topliv. Moskva, "Metallurgiya," 1963. 183 p.

060.52.08.02 Fuel. Combustion. Heat economy
[Combustion, flames and explosions of gases. Translated from the English] Goreniye, plama i vzyryv v gazakh. Pod red. K. I. Skochkova i A. A. Boriseva. 2-e izd. Moskva, "MIR," 1963. 363 p.

060.52.08.03 Fuel. Combustion. Heat economy
[Determining minimum expenditures for the extraction and utilization of coal for electric power production] Opredeleniye minimumnykh zatrat na dobychu i ispol'zovanie energeticheskikh ugley. Moskva, "MIR," 1967. 90 p.

060.52.09 Thermally or chemically produced fuels

[Potentialities in the diesel (oil) economy] Bessery v ekonomii dizel'nogo topliva. Moskva, "Transport," 1963. 32 p.

060.53 FOOD INDUSTRIES. PRESERVATION

[Economic aspects of the food industry of the U.S.S.R.] Ekonomika pishchevoy promyshlennosti SSSR. Pod red. K. V. Vinogradova. Moskva, "Pishevaya prom-st'," 1963. 379 p.

060.53.01 Food industries. Preservation

[Laboratory work on grain preservation. For schools of higher education for the food industry] Laboratornyye prikladnye po khraneniyu zerna. Dlya vyssh. pishchevoy prom-sti. Moskva, "Kolos," 1963. 164 p.

060.53.02 Flour and cereals milling. Grain processing

060.53.02.01 Flour and cereals milling. Grain processing
[Technology of the flour milling industry] Tekhnologiya molochno-mol'nogo proizvodstva. Izd. 2-e, pereizdat. 1 dop. Moskva, "Kolos," 1963. 304 p.

060.53.03 Petroleum. Mineral oil processing

060.53.03.01 Petroleum. Mineral oil processing
[Petroleum refining processes in foreign countries] Protsessy rafinatsionnoy obrabotki naubzhorov. Moskva, 1963. 186 p. (Seriya "Pervobitnyye nefti i naubzhorov." Vyp. 1/2).

060.53.04 Glass, ceramic, clay, etc., industries

060.53.04.01 Glass, ceramic, clay, etc., industries
[Glass technology and glass-blowing operations] Tekhnologiya stekla i stekloblaznyye raboty. Moskva, "Vyssh. shkola," 1963. 223 p.

060.53.05 Glass industry and technology

060.53.05.01 Glass industry and technology
[Glass technology and glass-blowing operations] Tekhnologiya stekla i stekloblaznyye raboty. Moskva, "Vyssh. shkola," 1963. 223 p.

060.53.06 Heavy dryness and robotics

060.53.06.01 Heavy dryness and robotics
[Brick making in the Alkal Territory] Proizvodstvo kirpicha v Alkalskoy kraie. Barnaul, Alt. kn. izd., 1967. 80 p.

060.53.07 Lime, cement, mortar, concrete

060.53.07.01 Lime, cement, mortar, concrete
[Safety manual for the operator of a refrigerator at a cement plant] Bezopasnost' dlya mashinisty khilodil'nitsy na tsementnom zavode. Moskva, Stroitel'stvo, 1967. 18 p.

[Recommendations on concrete designing considering the cement marking in accordance with the All-Union State Standard (GOST-63)] Rekomendatsii po monolitnuyu zhelezobetonu s uchetoм markirovaniya tsementov po GOST 10178-63. Moskva, Stroitel'stvo, 1963. 30 p.

060.53.08 Color industries. Dyes. Pigments

060.53.08.01 Color industries. Dyes. Pigments
[Production of pigments in chemical industries] Proizvodstvo pishchevokrasitel'nykh v khimicheskikh promyshlennostyakh. Izd. 2-e, pereizdat. 1 dop. Leningrad, "Khimiya," 1963. 247 p.

[The science of surface coating. Translated from English] Nauka o poverkhnostnykh pokrytiyakh. Izd. 2-e, pereizdat. Moskva, "Khimiya," 1963. 640 p.

060.53.09 Plastering and plastering work

[Plastering and plastering work] Malozhnyye raboty. Moskva, "Vyssh. shkola," 1963. 444 p.

060.53.10 Gums and (natural) resins

[Technology of pine tapping with sulfuric acid] Tekhnologiya podkoshki smoly s sernoy kislotoy. Moskva, "Leksika prom-sti," 1963. 107 p.

060.53.11 Kerosene. Petroleum. Chemistry

[Bibliography on kerosene oil plants and kerosene] Bibliografiya po kerosennoy promyshlennosti (1947-1963) i po kerosenu. Uchenyye i nauchnyye raboty. Leningrad, "Nauka," 1963. 378 p.

060.53.12 V. V.

[Manual for students in technical schools] Uchebnyy posobie dlya uchibnykh v tekhnicheskikh shkolakh. Moskva, "Sov. Rossiya," 1964. 103 p. (GOSTU)

060.53.13 Synthetic organic dyes

060.53.13.01 Synthetic organic dyes
[Chemistry and technology of synthetic dyes] Khimiya i tekhnologiya sinteticheskikh oboychnykh produktov i organsicheskikh krasitel'nykh. Moskva, "Vyssh. shkola," 1963. 343 p.

060.53.14 Metallurgy

060.53.14.01 Metallurgy
[Continuous horizontal casting of metal alloys] Nepreeryvnoye gorizontall'naya litye splavov metallov i splavov. Moskva, "Metallurgiya," 1963. 134 p.

060.53.14.02 Metallurgy
[Organizing the processing of scrap metal and its supply to metallurgical plants] Organizatsiya pererabotki lozha i snabzheniya im metallurgicheskikh zavodov. Kiev, "Tekhnika," 1963. 114 p.

060.53.15 Metallurgy

[Fundamentals of crop and crop rotation in metals. Translated from the English] Zakladye polozheniya i osnovnyye prikladye k ustoychivuyu. Pod red. V. M. Romanova. Moskva, "Metallurgiya," 1963. 304 p.

060.53.16 Metallurgy

[Spectrum analysis of metals and alloys] Spektroanaliz metallov i splavov. Moskva, "Metallurgiya," 1963. 106 p.

060.53.17 Physical metallurgy

[Physical flow of metals] Fizicheskaya tekhnologiya metallov. Moskva, "Nauka," 1963. 147 p.

060.53.18 Alloys with particular properties. Chemical metals

[Physical chemistry of alloys and high-temperature materials with thorium and uranium] Fizicheskaya khimiya sployv i vysokotemperaturnyykh materialov s torgoricheskimi i uranovymi. Moskva, "Nauka," 1963. 233 p.

060.53.19 Ferrous metals. Iron. Steel

060.53.19.01 Ferrous metals. Iron. Steel
[Technical and economic calculations in ferrous metallurgy] Tekhnicheskoye i ekonomicheskoye raschetnyye v chernoy metallurgii. Moskva, "Metallurgiya," 1963. 470 p.

[Micrometallurgy of ferrochromium] Mikro metallurgiya (ferrokrom). Moskva, "Metallurgiya," 1963. 148 p.

060.53.19.02 Ferrous metals. Iron. Steel

[Primary structure as criterion for evaluating the mechanical properties of gray cast iron] Primarnaya struktura kak kriteriy dlya oboychnykh mekhanicheskikh svoystv serogo chuguna. Leningrad, 1963. 30 p.

060.53.19.03 Ferrous metals. Iron. Steel

[Production organization and planning in ferrous metallurgy] Organizatsiya i planirovaniye proizvodstva v chernoy metallurgii. Moskva, "Metallurgiya," 1963. 306 p.

060.53.19.04 Ferrous metals. Iron. Steel

[Spark tests for determining the brand of steel] Opredeleniye marki stali po iskro. Izd. 3-e, pereizdat. Moskva, "Mashinostroyeniye," 1963. 15 p.

Adkins, Michael Viktorovich, and others.

[Capital assets and productive capacity of ferrous metallurgy] Osnovnye soderzaniya i proizvodstvennyye pokazatelye chernoy metallurgii. (Moskva), "Metallurgiya," 1968. 230 p.

Andrey, Alexander Vasil'evich and Porokhov, Vladimir Mikhailovich.

[Gases and in vacuum sintering of steel] Gazy i vakuumnoe sinterovanie stali. Leningrad, 1968. 43 p.

66.3 Nonferrous metals

[Materials in machinery manufacture. Selection and use. Handbook. In five volumes] Materialy v mashinostroyenii. Vybory i primeneniya. Spravochnik. V 5-ti t. Pod obshch. red. I. V. Kudriavtseva. Moskva, "Mashinostroyeniye," 1967. 304 p.

T. 1. [Nonferrous metals and alloys] Tsvetnyye metally i splovy. Pod red. L. P. Loshakov. 1967. 304 p.

[Nonferrous metallurgy in the U.S.S.R., 1917-1957. Bibliographic materials for the study of Soviet non-ferrous metallurgy] Tsvetnaya metallurgiya SSSR, 1917-1957. Bibliografiya materialov k izucheniyu istorii sovetskoy tsvetn. metallurgii. Moskva.

Vyp. 8. [Basic technological trends in nonferrous metallurgy] Osnovnyye tekhnologicheskiye napravleniya v tsvetnoy metallurgii, 1956-1957 gg. 1968. 160 p.

[Physical chemistry of titanium alloys] Fiziko-khimicheskaya khimiya titaniya. Moskva, "Mashina," 1968. 274 p.

[Titanium and its alloys in chemical machinery building] Titaniy i ego splovy v khimicheskoy mashinostroyeniye. Pod red. B. A. Galitskogo. Izd. 2-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1968. 320 p.

Byrtsov, Mikhail Mikhailovich, and Medvedev, Anatoliy Pavlovich.

[Principles of the technology of recovering dispersed elements] Osnovy tekhnologii potocheynogo razdeleniya elementov. Moskva, "Metallurgiya," 1968. 240 p.

66.7 Light metals and alloys

Chapman, Elmer.
[Aluminum. Translated from the German] Alliuminiy. Pri primeneni dlya Karla Vefera. Pod red. V. A. Ponomareva. Moskva, "Metallurgiya," 1968. 107 p.

67/68 MANUFACTURES

67/68 Textile and leather industry

Andrey, Mikhail Georgiyevich and Volyn, Nikolai Vasil'evich.

[Economic reform in light industry. (Textile, clothing, leather, and shoe enterprises under new conditions of work)] Ekonomicheskaya reforma v legkoj promyshlennosti. (Tekstil'nyye, shveytse i kozh. obuvnyye predpriyatiya v novykh usloviyakh raboty). Moskva, "Legkaya Industriya," 1968. 127 p.

67 Industries and crafts based on processable materials

67.4 Timber and woodworking industry

Alkassov, Leonid Anatoliyevich.
[Basic trends of the development of sawmill and timber industry in 1956-1970] Osnovnyye napravleniya razvitiya tekhnologii i dorovoobrabatывayushchey promyshlennosti na 1956-1970 gg. Leningrad, 1968. 14 p.

Okolov, Vladimir Vasil'evich.
[Mathematical planning. (From the practice of the timber and wood-working industry)] Matematicheskiy planirovaniye. (Iz opyta loznoy dorovoobrabatывayushchey promyshlennosti). Moskva, "Lesnaya prom-st'," 1968. 67 p.

Medvedev, Alexander Vasil'evich.
[Woodworking machines and their operation] Dorovoobrabatывayushchiye mashiny i rabota na nikh. Izd. 2-e, pererabot. i dop. Moskva, "Vysht. shkola," 1968. 230 p.

Ushakov, A. I., D. K. Potocky, and V. V. Maslov.
[Equipment of timber yards] Oorodovaniye lesnykh skladov. Izd. 2-e, pererabot. Moskva, "Lesnaya prom-st'," 1968. 106 p.

67.5 Paper and pulp industry

Andrey, Mikhail Viktorovich, and others.
[Technology of timber exploitation. (Timber landings)] Tekhnologiya lesosnabzheniya. (Mishnye lesnye sklady). L'vov, Izd. L'vovskogo un-ta. Ch. 2. 1968. 800 p.

Barin, David Moiseevich.
[Drying in the production of plywood and chip board] Suшка v proizvodstve fasyry i drovno-stroitelnykh plit. Moskva, "Lesnaya prom-st'," 1968. 230 p.

67.6 Paper and pulp industry

Bartsev, Anatoliy Mikhailovich.
[Working conditions, morbidity, and measures for its reduction in workers of the cellulose and paper industry] Usloviya truda, zabolevayemost' i meropriyatiya po ee snizheniyu v rabochikh tselulozno-bumazhnoy promyshlennosti. Moskva, "Meditsina," 1968. 184 p.

[Technology of paper-making machinery manufacture] Tekhnologiya bumagodelatel'nogo mashinostroyeniya. Leningrad, "Mashinostroyeniye," 1968. 160 p.

67.7 Textile and cordage industries

Kherodimovich, Alexander Kirillovich.
[Work systems in the production of natural silk] Organizatsiya truda v proizvodstve prirodnogo shelka. Moskva, "Mashinostroyeniye," 1968. 143 p.

Andrey, Yuriy Pavlovich and Romanov, Alexander Fedorovich.
[Analysis of the operations of automatic well-feeding two looms in foreign countries] Analiz rabot po avtomatizatsii plitstva otkaza shelkikh shayev na raznoy. Moskva, "Legkaya Industriya," 1968. 141 p.

67.8 Textile and leather industry

Okolov, Vladimir Vasil'evich and Ponomarev, Ivan Mikhailovich.
[The "Krasnoye Znamya" Factory. Outline history of the Leningrad Order of Lenin "Krasnoye Znamya" Knit Goods and Hosiery Plant] Fabrika "Krasnoye Znamya." Ocherki istorii lezheg. gos. ordona Lenina trdnitshch. shkolov i-ld "Krasnoye Znamya." 1956-1957 g. Leningrad, Leningrad, 1968. 448 p.

[Technological method for processing Soviet varieties of cotton raw materials] Tekhnologicheskiy metod pererabotki khlopka-syryya sovetskikh sortov. Moskva, "Legkaya Industriya," 1968. 147 p.

[Textile industry. Bibliography from 1917 to 1968] Tekstil'naya promyshlennost'. Bibliogr. sbornik. 1917-1968. Moskva.

Ch. 1. [Economic aspects. Organization of production. History of the textile industry] Ekonomika. Organizatsiya proizvodstva. Istoriya tekstil'noy promyshlennosti. 1968. 163 p.

Okolov, Vladimir Vasil'evich.
[Mathematical methods for planning an experiment in the study of nonwoven fabrics] Matematicheskiye metody planirovaniya eksperimentov pri izucheni tekstilnykh materialov. Moskva, "Legkaya Industriya," 1968. 152 p.

67.9 (71.316) — Yaroslavl Province
[Relay race of the generation. Collection of documents and materials] Relays pobolshch. Sbornik dokumentov i materialov. Yaroslavl, 1968. 277 p.

67.4 Non-metallic fibers

[Economic aspects of the synthetic fibers industry] Ekonomika promyshlennosti khimicheskikh volokon. Moskva, "Khimiya," 1968. 192 p.

67.5 Textile dyeing, printing, and finishing

Ponomarev, Alexander Fedorovich.
[Bathing conditions of the cotton and linen industry. (Design and maintenance)] Baidkovoel'nyye usloviya khlopchobumazhnoy i linnogo proizvodstva. (Ustroystvo i obsluzhivaniye). Moskva, "Legkaya Industriya," 1968. 198 p.

67.6 Macromolecular materials. Rubbers and plastics

Kozlov, Yuriy M. I.
[Physical treatment of polymers in machinery manufacture] Fizicheskaya obrabotka polimernykh materialov v mashinostroyeniye. Moskva, "Mashinostroyeniye," 1968. 207 p.

[Polyimides, a new class of heat-resistant polymers] Polimididy - novyy klass termoustoychivikh polimerov. Leningrad, "Mashina," 1968. 21 p.

[Recommendations on the use of cocreates and mortars with polymer additives] Rekomendatsii po primeneniyu betonoov i rastvorov s dobnatnymi polimerov. Moskva, Stroitelst, 1968. 26 p.

Scott, J. R.
[Physical testing of rubbers. Translated from the English] Fizicheskiye ispytaniya kachestva i reziy. Pod red. M. M. Buzukovskogo i L. B. Priesa. Moskva, "Khimiya," 1968. 211 p.

67.6.5 Plastics

Medvedev, Georgii Il'ich.
[Plastics in water supply engineering] Plastmassy v vodono khozaystve. Moskva, Rossel'khozizdat, 1968. 136 p.

[Using materials based on plastics for sliding supports and packings in machinery] Primeneniye plastmass na osnove plastmass dlya opor sledyashchikh i uplotneniy v mashinostroyeniye. Moskva, "Mashina," 1968. 113 p.

67.6.7 Synthetic polymers: rubbers, resins, etc.

Byrtsov, Mikhail Mikhailovich.
[Carbonylation and regeneration of dehydrogenation catalysts during the production of monomers for synthetic rubbers] Karbonylatsiya i regeneratsiya katalizatorov degidrirovaniya pri polucheni monomerov SK. Pod red. G. K. Boroskova. Novosibirsk, "Mashina," 1968. 64 p.

[Gas pipelines built of polyethylene pipes] Gazoprovody iz polietilenovykh trub. Saratov, Privolzh. kn. izd., 1968. 69 p.

68 Specialized trades, crafts and industries for finished articles and goods

68.1 Wheel mechanisms. Clockwork. Counting, computing and control devices

Byrtsov, M. I. A., and L. M. Stadlerovich.
[Electronic digital machines and programming] Elektronnyye tsifrovyye mashiny i programirovaniye (Positional systems for calculation. "Arithmetic operations with binary numbers." "Initial data on the algebra of logic") Elektronnyye tsifrovyye mashiny i programirovaniye ("Prostiraniye tsifrovoye schisleniya." "Arifmeticheskiye deystviya nad dvoytsyami schislami." "Nachal'nyye svedeniya o logicheskoy logike"). Moskva. Ch. 1. 1968. 47 p.

Podarobskiy, V. G., and others.
[Analytical languages for describing calculational processes using analytic transformations] "Analitiki" (snyry dlya opisanija vykislitel'nykh protsessov s primeneniye analiticheskikh preobrazovaniy). Kiev, 1968. 106 p. (Sbornik "Teoriya avtomatov i metody formalizovannogo schisleniya vykislitel'nykh mashin i sistem." Trudy, vyp. 1).

Orlovskiy, V. M.
[Problems of machine theory and artificial intelligence] Nekotoryye problemy teorii avtomatov i tekhnicheskogo intellekta. Kiev, 1968. 21 p. (Sbornik "Teoriya avtomatov i metody formalizovannogo schisleniya vykislitel'nykh mashin i sistem." Trudy, vyp. 6).

[Introduction of readjustable dies] Vvedeniye perestavitel'nykh shayev. Moskva, 1967. 20 p.

Kuznetsov, Fridrikh Kirillovich.

[Elements of linear algebra and linear programming] Elementy lineynoy algebry i lineynogo programirovaniya. Izd. 2-e, stereotip. Moskva, "Mashina," 1968. 278 p.

Klein, Alexander Arkadyevich, and others.
[The KKA cash register] Biletno-kassovaya mashina tipa KKA. Moskva, "Transport," 1968. 68 p.

Klimov, Vladimir Viktorovich.
[Electronic computers using tunnel diodes] Elektronnyye soborniki na tunel'nykh diodakh. Moskva, "Energiya," 48 p. (Iz na po avtomatika. Vyp. 300).

Kvatsia, Korotkiy Gerasimovich.
[Cybernetics and its optimal interpretation and modeling of some physical concepts. (Problems of programmed instruction)] Kibernetika i optimizatsiya fizicheskikh konceptov i modelirovaniye nekotorykh fizicheskikh konceptov (Voprosy programirovaniya nekotorykh fizicheskikh konceptov). Moskva, "Energiya," 1968. 213 p. [In Georgian]

[Memory units] Kipomnitshekiye ustroystva. Sbornik stat. Pod red. L. P. Krut'kova. Leningrad, "Energiya," 1968. 166 p.

Maslovskiy, Kirill Gerasimovich.
[Digital differential calculators. Design and applications] Tsifrovyye differentsial'nyye kalkulyatory. Konstruktsiya i primeneniye. Izd. 2-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1968. 200 p.

[Optimization of open-pit mine parameters on electric computers] Optimizatsiya parametrov kar'erov na elektricheskikh vychislitel'nykh mashinakh. Moskva, "Mashina," 1968. 98 p.

Polin, Rezhda.
[Mathematical linguistics] Matematicheskiye lingvistiky. Tartu. (Tartu. Univ. Vychislitel'nyy tsentr. Trudy, vyp. 13). Pt. 1. 1968. 140 p.

Podarobskiy, Vladimir Kirillovich, Chirkov, Mikhail Viktorovich.
[Automation of design operations] Avtomatizatsiya proektirovaniya. Moskva, "Mashina," 1968. 80 p.

[Prospects for using computers in the management of industry and transportation. Papers and reports] Perspektivy primeneniya vychislitel'nykh mashin dlya upravleniya v promyshlennosti i transporte. Doklady i soobsheniya. Moskva, "Energiya," 1968. 86 p.

[Reliability and efficiency of discrete systems] Nadzhnost' i effektivnost' diskretnykh sistem. Riga, "Khizma," 1968. 263 p.

67.6.5 Plastics

Medvedev, Georgii Il'ich.
[Plastics in water supply engineering] Plastmassy v vodono khozaystve. Moskva, Rossel'khozizdat, 1968. 136 p.

[Using materials based on plastics for sliding supports and packings in machinery] Primeneniye plastmass na osnove plastmass dlya opor sledyashchikh i uplotneniy v mashinostroyeniye. Moskva, "Mashina," 1968. 113 p.

Smolov, Vladimir Borisovich and Urdakov, Kirill Pavlovich.

[Time-pulse computing aids] Vremya-impul'snye vychislitel'nye ustroystva. Leningrad, "Energiya," 1968. 140 p.

Tenulov, Fedor Evgen'evich.

[Automatic recording devices] Avtomaticheskie registriruyemye pribory. 3-a, perarabot. i dop. izd. Moskva, "Mashinostroyeniye," 1968. 343 p.

[Using electronic computers in the planning and modernization of mines] Ispol'zovanie elektronno-vychislitel'nykh mashtabov pri proektirovani i modernizatsii shakht. Moskva, "Mashinostroyeniye," 1968. 171 p.

08.15 Technical sciences. Medical instruments. Second record has reproduction.

Osipov, G. A., and V. M. Kobzarev.

[Abstracts of lectures in the course "Radio broadcasting and acoustics." Elektronnoakusticheskiye kollokvial'nye lektsii po kursu "Radioveshchaniye i akustika." Elektronnoakusticheskiye apparaty. Leningrad. Vyp. 4. 1966. 88 p.

Pyshakov, Mihail Andreevich and Gornitskiy, Aleksandr Dmitriyevich.

[Manufacturing of planes] Proizvodstvo samolotov. Moskva, "Mashinostroyeniye," 1968. 279 p.

08.24 Coatings. Furniture and construction. Upholstery.

Mikhailov, Galina Alekseyevna, and others.

[Chemical materials used in the furniture industry] Khimicheskiye materialy, primenyaemye v mebel'noy promyshlennosti. Moskva, "Leksika prom-st," 1968. 266 p.

08.7 Clothing industry. Textile articles, knits, etc.

[Equipment of clothing plants] Oborudovaniye shveyt'skikh zavodov. Leningrad, "Mashinostroyeniye," 1968. 48 p.

Kryazhev, Leonid Alekseyevich.

[Efficient use of fabrics in clothing plants] Ratsional'noe ispol'zovanie tkanin na shveyt'skikh fabriках. Moskva, "Legkaya industriya," 1968. 78 p.

09 BUILDING INDUSTRY, MATERIALS, TRADE, CONSTRUCTION

[Collection of new acts for construction, assembly, and repair work established by the present Unified norms and costs compared with the coverage of the increase of the rates of tariffs for first and second class workers effective January 1, 1968] Sbornik novykh raschetov na stroitel'stvo, montazhnye i remontno-stroitel'nye raboty, odnouchasno detal'no razrabotaniye KVM i R, tekhnicheskikh i ekonomicheskikh s 1 yanvarya 1968 g. tarifnykh stavok rabotnikov 1-go i 2-go raznyadov. Izd. ofits. Moskva, Stroizdat, 1968. 159 p.

[Construction norms and regulations] Stroitel'stvo normy i pravila. Izd. ofits. Moskva, Stroizdat.

Ch. 3. Razd. A. Gl. 4. [Organizational and technical preparation for construction work. Basic considerations] Organizatsionno-tekhnicheskaya podgotovka k stroitel'stvu. Osnovnyye polozheniya. SN I P III-A, 8-62. Uv. I XI 1963 g. 1966. 18 p.

[Construction norms and regulations] Stroitel'stvo normy i pravila. Izd. ofits. Moskva, Stroizdat.

Ch. 3. Razd. G. Gl. 14. [Process equipment. General regulations for the construction and acceptance of assembling work] Tekhnologicheskoye oborudovaniye. Obshchie pravila proizvodstva i priemykh montazhnykh rabot. SN I P III-G, 10-66. Uv. 24/XII 1967 g. 1968. 34 p.

Kudachik, Nikolai Vladimirovich.

[Problems of the establishment of technical standards for construction work] Zadachi pri ustoyevchivom razvitiye stroitel'stva v stroitel'stve. Moskva, "Yuzh. stroy.," 1968. 100 p.

Ch. 1. [Technical standards for labor consumption, machine work time, material and energy expenditures] Tekhnicheskiye normativy na stroitel'stvo: truda, vremeni ispol'zovaniya mashin, materialov i energoresurov. 1968. 103 p.

Merkulov, Konstantin Sergeyevich.

[Principles of planning construction work] Osnovy proektirovaniya proizvodstva stroitel'skikh rabot. Izd. 3-a, perarabot. i dop. Moskva, Stroizdat, 1968. 173 p.

Polonskiy, Anatoliy Tsvetlanyevich.

[Creativity of the architect and building standards] Tvorcheskoye arkhitektura i stroitel'stvo standart. Moskva, 1968. 78 p.

[Recommendations on the methodology of the analysis of occupational injuries in construction work] Rekomendatsii po metodike analiza proizvodstvennogo travmatizma v stroitel'stve. Moskva, Stroizdat, 1968. 73 p.

Tyukhin, David Vladimirovich.

[Typical, but not all of one type] Tipovoye, no ne obshcheye. Moskva, "Znanie," 1968. 48 p. (Novoye v stroye, stroitel'stvo, tekhnika. Seriya "Stroitel'stvo i arkhitektura," 12).

08.02 Structural parts of buildings.

Pyshakov, Mihail Andreevich, and others.

[Repair, modernization and operation of elevators] Remont, modernizatsiya i eksploatsatsiya liftov. Izd. 3-a, perarabot. i dop. Moskva, Stroizdat, 1968. 160 p.

[Instructions on the calculation of loads for industrial buildings under dynamic loads] Instruksiya po raschetu polnykh poverkhnostnykh i osnnykh naizmeshchayemykh dinamicheskikh nagruzek. Moskva, Stroizdat, 1967. 86 p.

[Structural parts of civil buildings] Konstruktsii grazhdanskikh zdaniy. Pod red. M. S. Tupoleva. Moskva, Stroizdat, 1968. 346 p.

08.05 Site organization, methods, equipment, plant.

Pyshakov, Mihail Andreevich, and Tsvetlanyevich, Anatoliy Dmitriyevich.

[Operation of construction machinery] Eksploatsatsiya stroitel'skikh mashin. Moskva, Stroizdat, 1968. 432 p.

[Recommendations on planning diaphragm control in construction work] Rekomendatsii po proektirovaniyem diaphragmnoi svyazi v stroitel'stve. Moskva, Stroizdat, 1968. 26 p.

08.21 Building materials.

Kudachik, Nikolai Vladimirovich.

[Building materials for heat insulation] Konstruktsionnyye materialy dlya teploizolyatsii. Leningrad, "Mashinostroyeniye," 1968. 73 p.

Gorshkov, Vladimir Sergeyevich.

[Technography of building materials] Tekhnografiya stroitel'skikh materialov. Moskva, Stroizdat, 1968. 238 p.

[Technology of metals and other building materials]

Tekhnologiya metallov i drugikh konstruktsionnykh materialov. Izd. 3-a, perarabot. i dop. Moskva, "Yuzh. stroy.," 1968. 580 p.

[Technology of metals and other building materials]

Tekhnologiya metallov i drugikh konstruktsionnykh materialov. Pod obshch. red. A. M. Dzhuravleva. Moskva, "Yuzh. stroy.," 1968. 480 p.

Tyukhin, David Vladimirovich.

[Industrial and technological method of making up complete sets of structural elements and containers for housing construction] Proizvodstvenno-tekhnologicheskaya komplektsatsiya i konteynerizatsiya v stroytel'stve zdaniy. Leningrad, Stroizdat, 1968. 136 p.

08.21 Materials of organic origin. Timber, etc.

Kudachik, Nikolai Vladimirovich.

[Working plastics in construction work] Raznitsa plastmas v stroitel'stve. Moskva, Stroizdat, 1968. 188 p.

Tyukhin, David Vladimirovich.

[Corrugated glass-reinforced plastics. (Properties and use)] Volnyistyye stekloplastiki. (Svoystva i primeneniye). Leningrad, Stroizdat, 1968. 181 p.

08.22 Natural stone.

[Handbook for designers of industrial, residential, and public buildings and structures] Spravochnik proektirovaniya skhemy proyektirovaniya i konstruirovaniya zdaniy i sooruzheniy. Moskva, Stroizdat.

[Stone and reinforced stone structural parts]

Kamennyye i armirovannyye konstruktsionnyye chasti zdaniy i sooruzheniy. Pod obshch. red. I. A. Kuznetsova. Moskva, Stroizdat, 1968. 178 p.

08.23 Artificial stone. Cement, etc.

Pohl, E.

[Nondestructive methods of testing concrete. Translated from the German] Nerazrushayemye metody issledovaniya betona. Moskva, Stroizdat, 1967. 178 p.

[Recommendations on the use of cements and mortars with polymer additives] Rekomendatsii po primeneniyu betonov i rastvorov s dobovleniyem polimerov. Moskva, Stroizdat, 1968. 56 p.

Pyshakov, Vladimir Sergeyevich.

[Comprehensive system of works engaged in making lightweight artificial porous aggregates (Gerasimov, expanded perlite and vermiculite, agioporite, etc.)] Osnovy razrabotki pri izgotovlenii legkikh iznosivnykh poristyykh spetsialnykh (gerasimov, razvishchennyy perlit i vermikulit, agioporit i dr.). Moskva, Stroizdat, 1968. 58 p.

Pyshakov, Vladimir Sergeyevich.

[Forming products on vibrators] Formirovaniye izdeliy na vibratsionnykh stendakh. Moskva, Stroizdat, 1968. 104 p.

08.24 Building materials. Plastics, etc.

[Recommendations on the use of cements and mortars with polymer additives] Rekomendatsii po primeneniyu betonov i rastvorov s dobovleniyem polimerov. Moskva, Stroizdat, 1968. 56 p.

08.25 Components, walls of construction.

Kudachik, Nikolai Vladimirovich.

[Suspended structures] Vysushivayemye konstruktsii. Obshch. red. M. S. Tupoleva. Moskva, Stroizdat, 1968. 26 p.

08.26 Covering in situ.

[Instructions on concrete and reinforced concrete operations in winter] Rokovodstvo po betonirovaniyu i zhutobetonirovaniyu zdaniy i sooruzheniy v zimnyy period. Moskva, Stroizdat, 1967. 87 p.

08.26 Metal, steel structural work.

[Metal structural elements] Metallicheskiye konstruktsionnyye elementy. Pod red. V. A. Balashina. Moskva, Stroizdat, 1968. 188 p.

08.27 Gas installation.

Kudachik, Nikolai Vladimirovich.

[Installation of interior gas supply systems] Ustanovaleniye vnutrennykh sistem gazosnabzheniya zdaniy. Stroizdat, 1968. 247 p.

08.27 Heating, ventilation, air conditioning.

Pyshakov, Vladimir Sergeyevich.

[Heating boilers for municipal and industrial buildings] Kotelnyye apparaty dlya bytovykh i promyshlennnykh zdaniy. Kiyev, "Dachivostroy.," 1968. 283 p.

[Collection No. 86 of standard district units for construction work. Heat supply - units for heating and ventilation systems in buildings. Topological diagrams.] Sbornik No. 86 standartnykh distriktnykh yeditsitsiy dlya stroitel'stva. (Sistemy teplosnabzheniya i ventilatsionnykh sistem v zdaniyakh. Topologicheskiye diagramy). Ch. 2. [Ash-slag piping] Shlakobetonnyye truboprovody. 1968. 47 p.

08.28 Protective, proofed, finished construction.

Kudachik, Nikolai Vladimirovich.

[Building materials for heat insulation] Konstruktsionnyye materialy dlya teploizolyatsii. Leningrad, "Mashinostroyeniye," 1968. 73 p.

[Modeling structural elements for the aerodynamic effect] Modelirovaniye stroitel'skikh elementov dlya aerodinamicheskogo effekta. Pod obshch. red. A. M. Dzhuravleva. Moskva, Stroizdat, 1968. 132 p.

7. THE ARTS, RECREATION, ENTERTAINMENT, SPORT, ETC.

7.8 General. Works of individual artists.

Artych, Yuri Andreevich.

[Lovely things to our good people. (A collection of sketches of Russian folk artists)] Dobryye shchegolki dlya nashikh lyubitel'nykh. (Sbornik sketsov krasivyykh russkikh narodnykh umel'tsov). Moskva, "Det. izd.," 1968. 172 p.

Chibrikov, Andrei.

[Diary of an artist] Dnevnik khudozhnika. Moskva, "Iskusstvo," 1968. 61 p.

Kudachik, Nikolai Vladimirovich.

[Wednesday of Moscow artists] Sreda moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1967. 168 p.

[Kuz'na Sergeevich Petrov-Vodkin, 1878-1938. Catalog of an exhibition] Kuz'na Sergeevich Petrov-Vodkin, 1878-1938. Katalog vystavki. Leningrad, "Iskusstvo," 1968. 47 p.

Ostrovskiy, Boris Pavlovich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

Pyshakov, Vladimir Sergeyevich.

[Sketches of Moscow artists] Sketsy moskovskikh khudozhnikov. Leningrad, "Khudozhnik," 1968. 97 p.

- Trush, Ilya Pavlovich.
[General history of architecture. In 12 volumes] Vostochnaya i zapadnaya arkhitektura. V 12-ti t. Glav. red. kollegiya: M. I. Koltsh (glav. red.) i dr. [Moskva, Stroizdat, 1968. 48 p.]
- 7.0(471.35)—Poland Province
[Old Russian art. The artistic culture of Poland] Drevnoruskoye iskusstvo. Khudozh. kul'tura Pol'ski. Moskva, "Iskusstvo," 1968. 32 p.
- 7.0(471.35)—Ukrainian S.S.R.
Porubov, I. S.
[Soviet Ukrainian art, 1941-1968] Ukrains'ke radian's'ke mystetstvo, 1941-1968 rokiv. Kyiv, "Mystetstvo," 1968. 34 p. Illus. (GOSTU) (MII) (MNU)
- 7.0(471.35)—Crimea
Krym's'ke obshche kar'yama halazhsk. Etnopopol. (Provins Picture Gallery of the Crimea) Krym's'ke obshche kar'yama halazhsk. Kyiv, "Mystetstvo," 1968. 80 p. Illus. [In Ukrainian and Russian] (MII-FA)
- 7.0(471.35)—Altai Territory
[Culture and art of the Soyuzians and early nomads of the Altai] Kul'tura i iskusstvo skifov i rannykh kochevnikov Altai. L. K. Gubanov i dr. Leningrad, "Gov. khudozhnik," 1968. 118 p. (GOSTU) (MII-FA)
- 7.26 Various problems connected with art
Rad'eva, Tilia Sergeevna.
[Industrial aesthetics and work efficiency. (From the practice of the industry of the U.S.S.R.)] Protivostoyaniye estetiki i effektivnosti truda. (Is opyt raboty promyshlennosti). Moskva, "Tekhnika," 1968. 134 p.
- 71 PHYSICAL PLANNING, LANDSCAPE, ETC.
- 711 Physical, regional, town and country planning
- 711(471.35)—Arctic U.S.S.R.
Peremyshlov, Aleksandr Pavlovich.
[Construction of the future] Konechnost' bozhenskogo. Novosibirsk, "Mashin," 1968. 100 p.
- 711.4 Town planning. Urban development, built-up areas, towns, villages, etc.
[City construction. Organization of cultural and welfare facilities] Gruzodostroyeniye. Organizatsiya kul'turno-bytovogo obshchestva. Kiev, "Dachnyi'ye," 1968. 110 p.
- Arkhiv, Yola Nikolayevna.
[City of the future] Gorod budushchego. Moskva, "Mashin," 1968. 44 p. (Novoye shizh, nauka, tekhnika. Seriya "Stroitel'stvo i arkhitektura," 11).
- Shchegolev, Mikhail Petrovich.
[Organization and planning of public suburban recreation areas for the population of large cities] Organizatsiya i planirovaniye mestnogo naseleniya sagozodnogo otdyha naseleniya bol'shikh gorodov. Leningrad, Stroizdat, 1968. 260 p.
- 711.4(4)—Europe
[Types of rural houses in European countries outside the U.S.S.R.] Tipy sel'skogo skhishcha v stranakh sotsialisticheskoy Evropy. Moskva, "Mashin," 1968. 270 p.
- 711.4(471.35)—Mikaga Province
Khokhlov, Evgeniy Viktorovich.
[Across the Kaluga land. (From Dorozhsk to Koshk)] Po Kaluzhskomu zemlyu. (Ot Dorozhsk do Koshka). Moskva, "Iskusstvo," 1968. 138 p.
- 711.4(471.35)—Tajik S.S.R.
[Cities of Tajikistan] Goroda Tadzhikistana. Dushanbe, "Izdat," 1967. 79 p. [In Tajik]
- 711.8 Public utilities, supply lines
Shchegolev, Aleksandr Aleksandrovich.
[Supply lines in the economics of city construction] Ekonomika ekonomicheskoy i ekonomiki gradostroyeniya. Tashkent, "Izdat," 1968. 108 p.
- 712 Landscape, natural and designed parks. Gardens
- Kozlov, I. O.
[How to create a rural park] Kak stvorit' sel'skiy park. Kyiv, "Dachnyi'ye," 1968. 80 p. (DMAI)
- 712.3 Landscape gardening generally; planning, layout, execution
[Orchard belts of large cities] Zelenyye polosy krupnykh gorodov. Moskva, "Iskusstvo," 1968. 108 p. (DMAI)
- 712.3(471.35)—Leningrad City
Shchegolev, Evgeniy Viktorovich.
[Landscape architecture] Litsenzyonnyy sbornik. Leningrad, Stroizdat, 1968. 48 p.
- 712.3(471.35)—Moscow Province
[The Trollee-Bergievskaya Avenue. Architectural reconstruction] Trollee-Bergievskaya av. Khudozh. projektirovaniye. Moskva, "Iskusstvo," 1968. 107 p.
- 712.4 Museum, zoological and botanical garden buildings
Shchegolev, Evgeniy Viktorovich.
[Museum of wood architecture] Muzei drevnykh zidaniy. Moskva, Stroizdat, 1968. 119 p.
- 712.4 Residential buildings. Housing. Domestic architecture
Shchegolev, Evgeniy Viktorovich.
[Planning housing and communal facilities in construction-assembly organizations. (Practical handbook)] Planirovaniye skhishchno-kommunal'nogo khozaystva stroitel'sko-konstruktivnykh organizatsiy. (Prakt. posobie). Moskva, Stroizdat, 1968. 131 p.
- Shchegolev, Evgeniy Viktorovich.
[Typical, but not all of one type] Tipovyye, no ne odnotipnyye. Moskva, "Iskusstvo," 1968. 48 p. (Novoye shizh, nauka, tekhnika. Seriya "Stroitel'stvo i arkhitektura," 12).
- 712(4)—Europe
[Types of rural houses in European countries outside the U.S.S.R.] Tipy sel'skogo skhishcha v stranakh sotsialisticheskoy Evropy. Moskva, "Mashin," 1968. 270 p.
- 712(471.35)—Leningrad City
Shchegolev, Evgeniy Viktorovich.
[Organization of the overall repair of residential buildings. From the experience of Leningrad] Organizatsiya obshchego remonta zhilogo fonda. Is opyt Leningrada. Leningrad, Stroizdat, 1968. 238 p.
- 712(471.35)—Georgian S.S.R.
Khokhlov, Evgeniy Viktorovich.
[Farm buildings of Ingerian peasants. Based on ethnographical materials. Krasnoluzskiy uyezd v Ingerii. Po etnograficheskim materialam. Tbilisi, Metsnereba, 1964. 100 p. [In Georgian] (MII)
- 72 SCULPTURE AND THE PLASTIC ARTS
- Khokhlov, Evgeniy Viktorovich.
[Sculpture and the plastic arts] Moskva, "Gov. khudozhnik," 1968. 68 p. (MII-FA)
- Shchegolev, Evgeniy Viktorovich.
[Soviet sculptured portraits] Sovetskii skulpturnyy portret. Moskva, "Iskusstvo," 1968. 98 p. 88 l. Illus. (DMAI)
- Shchegolev, Evgeniy Viktorovich.
[Falconet] Fal'kons. Leningrad, "Gov. khudozhnik," 1968. 38 p. Illus. (MII-FA) (MNU)
- 74 DRAWING AND MINOR ARTS
- 741 Drawing and sketches
Shchegolev, Evgeniy Viktorovich.
[Moscow in the engravings and drawings] Moskva v graviraniyakh i risunkakh. Tashkent, "Izdat," 1968. 98 p. (DMAI)
- Shchegolev, Evgeniy Viktorovich.
[Good drawing. An album of humorous drawings] 5 dobrykh i zlykh. Albom humoristicheskikh risunkov. Vstup. stat'ya avtora. Moskva, "Gov. khudozhnik," 1968. 84 p. Illus. (MII) (MNU)
- 742 Decorative, monumental, art handicrafts
Shchegolev, Evgeniy Viktorovich.
[Decorative forms in decorative art] Dekorativnye formy v dekorativnom iskusstve. Moskva, "Gov. khudozhnik," 1968. 97 p.
- 75 PAINTING
- Shchegolev, Evgeniy Viktorovich.
[Course of everyday life in Soviet painting] Bytovoye zhizn' v sovetskoy zhivopisi. Moskva, "Iskusstvo," 1968. 47 p. (Novoye shizh, nauka, tekhnika. Seriya "Iskusstvo," 13).
- Shchegolev, Evgeniy Viktorovich.
[Through the mirror of the soul. Three old Russian painters] Skhizh zhizni. O trekh drevnykh zhivopistakh. Moskva, "Gov. khudozhnik," 1968. 198 p.
- Shchegolev, Evgeniy Viktorovich.
[Album of the art collections] Albom khudozhnikovskogo fonda. Moskva, "Gov. khudozhnik," 1967. 16 p. 68 l. Illus.

76(477)—Ukrainian S. R. R.

Isakovich, Ippolitus Andreevich
[Album] Album. Kyiv, "Mystetstvo," 1964.
64 p. Illus.
(CAAEU)

76 ENGRAVING. PRINTS

Cheremshin, Geyman
[Moscow in the engravings and drawings] Moskva
v graviranih i risunkakh. Tekst Lidi Akimovoi.
Moskva, "Sov. khudozhnik," 1966. 66 p.

Lezhnev, Galina Konstantinovna
[Along the path of quests] Dorogoi poteka. Leningrad, "Iskusstvo," 1965. 160 p.
(RSD)

77 PHOTOGRAPHY AND CINEMATOGRAPHY

77.2.3 Systems using physical phenomena. Holography
Cheriff, R. M.
[Electrophotography. Translated from the English]
Elektrofotografiya. Pod red. V. M. Fridkina, A. B.
Draiman. Moskva, "Mir," 1966. 448 p.

77.5 Photobiography

Pysh, Feliks Pavlovich
[Photobiography and the manufacture of semi-conductor devices] Fotobiografiya v proizvodstve poluprovodnikovykh priborov. Moskva, "Energia," 1966. 200 p.

77.5.3 Photographic techniques with mainly scientific applications

Bohr, Nikolai Viktorovich
[Photogrammetry] Fotogrammetriya. Moskva, "Mekha," 1966. 260 p.
(CLU)

77.5.5 Cinematography

[Actors of Soviet motion pictures] Aktery sovetskogo kino. Moskva, "Iskusstvo,"
Vyp. 2, 1966. 271 p.
(CAAEU) (SU) (MSU)

Novikova, Tat'yana Yul'yevna
Boris Andreev. Moskva, "Iskusstvo," 1966.
149 p.
(MSU) (DNC)

Kozlov, Leonid Yul'yevich, and Tar-Ovchinnik

Yamara Kubanova
[First book on the art of the operator. Composition and light in films] Pervaya kniga po iskusstvu operatsii. Kompozitsiya i svet v fil'me. Moskva, "Sov. promyshlennaya kinematografiya," 1966. 87 p.
"Lesli'ya," Kharkov. Leningrad. [From the history of Lesli'ya. Articles, reminiscences, documents. The 1930's] In istorii Lesli'ya. Stat'i, vospominaniya, dokumenty 1930-e gody. Ross. K. Gorodetskii. Leningrad, "Iskusstvo,"
Vyp. 1, 1966. 308 p.

Pysh, Feliks
[Composite cinematography] Kombinirovannaya kinematografiya. Kn. 2-e, pererabot. i dop. Moskva, "Iskusstvo," 1967. 186 p.

Tolstikhin, Viktor Mikhailovich
[Cinematographic equipment] Kino'tekhnicheskaya apparatura. Moskva, "Iskusstvo," 1966. 264 p.

78 MUSIC

Polozovskii, Yuriy Stepanovich, and Fomina, Vialislava
[Concise music dictionary for students] Kratkiy muzykal'nyi slovar' dlya uchashchetsya. Leningrad, "Muzika," 1964. 196 p.

Dobrovol'skiy, Boris Yul'yevich
Kvintet Poucha. Moskva, "Muzika," 1966. 167 p.

Orlovskaya, Vera Stepanovna
[Musical literature of foreign countries] Muzykal'naya literatura zarubezhnykh stran. Moskva, "Muzika,"
Vyp. 1, kn. 3-4. 1967. 236 p.

Goldstein, Elvira
[Franz Schubert. His life's path] Frants Shubert. Khudozhnyi put'. Moskva, Muzgiz, 1966. 436 p.
(DNC)

Gosspod, Alina Alekseyevna
[The hunting of the shrews] V. I. A. Shchegolev. "Urochishche stroytvo" V. I. A. Shchegolev. Moskva, "Muzika," 1966. 64 p.

Polozovskii, Yuriy

[Playing the piano. Answers to questions on piano playing. Translated from the English] Fortep'yanaya igra. Otvet na voprosy o fortep'yannoi igre. Moskva, Muzgiz, 1966. 236 p.
(DNC)

Polozovskii, Yuriy Stepanovich
[The last period of Schubert's works] O poslednem periode tvorchestva Shuberta. Moskva, "Muzika," 1966. 82 p.

Polozovskii, Georgii Alekseyevich
[Marina Koval] Moskva, "Muzika," 1966. 176 p.
[Repertoire for instrumental ensembles] Repertuar dlya instrumental'nykh ansamblей. Moskva, "Sov. Hudozhnik," 1966. 142 p. (Biblioteka "V pomoshch' khudozhnikam" samodeyatelnosti, no. 34).

Romanovskii, Nikolai Yul'yevich
[A choral dictionary] Khorovoi slovar'. Leningrad, "Muzika," 1966. 180 p.

Shchegolev, I. A.
[I. A. Shchegolev's romances] Romany I. A. Shchegoleva. Moskva, "Sov. kompozitor," 1966. 86 p.

[The stage. A repertory collection] Stadiya. Repertuarnyi sbornik. Kyiv, "Mystetstvo," 1964. 142 p.
(CAAEU)

Shchegolev, Alexander Mikhailovich
[Alexander Mikhailovich Shchegolev, 1820-1871. A short sketch of his life and work] Aleksandr Mikhailovich Shchegolev, 1820-1871. Kratkiy ocherk zhizni i tvorchestva. Leningrad, "Muzika," 1963. 84 p.

[Theoretical problems of 19th century music] Teoreticheskie problemy muzyki XIX veka. Moskva, "Muzika,"
Vyp. 1. Sbornik statei. Redaktor-sostavitel' I. M. Tsina. 1967. 81 p.

Yalovskiy, Iulian Viktorovich, and Gritsa, Irina' Lazarovich
[Concise biographical dictionary of composers] Kratkiy biograficheskiy slovar' kompozitorov. Leningrad, "Muzika,"
Vyp. 1. [Classics of Russian and foreign music and modern foreign composers] Klassiki russkoi i zarubezhnoi muzyki i sovremennyye zarubezhnye kompozitory. 1964. 244 p.

Yalovskiy, Iulian Viktorovich
[Musical development of a child] Muzykal'noe razvitiye rebenka. Moskva, "Prosvetshenie," 1966. 418 p.

Vik, Yelizer Fedorovich
[Practical advice for those studying singing] Prakticheskie sovety obuchayushchimsya pesni. Pod red. I. A. Danilova. Leningrad, "Muzika," 1966. 64 p.

78(478 23)—Georgian S. R. R.

Kyroselashvili, Rodza

[Dance song. Beethoven's pearl. Tbilisi, "Literatura da khoreografiya," 1964. 22 p. (In Georgian)
(DNC)

78(475 1)—Uzbek S. R. R.

Polozovskii, I. A.
Georgii Mstislavskii. Moskva, "Muzika," 1966. 131 p.
(DNC)

78 ENTERTAINMENT. PASTIMES. GAMES. SPORT

Yeliseyev, Rodza
[For play and study. Fifth booklet of puzzles] Dlya rosvayki i study. Pyataya knizhchitsa zabavok. Tashkent, Ob'edinnennaya Uzbekska'ya pedagogicheskaya Knazda, 1964. 84 p.
(DNC)

[Games and entertainments] Igra i rosvayki. Kyiv, "Rad. shkola," 1963. 464 p.
(CLU)

Shchegolev, M. F.
[Flourishing of talented people. Amateur art activities of the holders of sonnetism. An enlarged transcript of a lecture delivered in 1964 at the Lvov lecture hall] Beruknaya talantiv. Khudozhnaya samodeyatelnost' lyubit'el'skoy khudozhnitsy. Dopyvshaya stasokhrama lektsii, prochytenoi v U'vits'koy shkol'noy lektsionii 1964 roku. Kyiv, "Znanie," 1965. 48 p.
(CAOTU)

79.1 Film. Motion pictures

[An associated catalog of films on literature and art] Asotsirovanyy katalog fil'mov po literaturno i iskusstvu. Moskva, "Kino,"
Ch. 1. 1963. 140 p.
Ch. 2. 1964. 140 p.

Romanov, Alexander Vladimirovich
[Classical art and the present. Observations, Reflections. Thoughts about] Khudozhnik i sovremennost'. Razbudeniya. Razdum'ya. Myсли vechnik. Moskva, "Iskusstvo," 1966. 166 p.

Yeliseyev, Georgii D. and Yeliseyev, S. D.
[Chapter. A literary scenario] Chapayev. Literaturnyy skenariy. Moskva, "Iskusstvo," 1966. 82 p.
(DNC) (DNC)

79.2 Theater. Dramatic performance

[A. I. Abkhazia. Seventy-five years in the theater] A. I. Abkhazia. 75 let v teatre. Moskva, Yuzovskiy teatral'noy khudozhnik, 1964. 44 p.
(DNC)

Polozovskii, Georgii Alekseyevich
[The role and stage image] Rol' i stadiyaya obraz. Moskva, "Iskusstvo," 1966. 78 p. (Biblioteka khudozhnik samodeyatelnosti, no. 16).

Sokolovskiy, O. L.
[How a play is created] Iak stadiyaya obraz stadiyaya obraz. Kyiv, Dersk. vyd. v obshchepedagogicheskoy knizhnitsi i moyayknoy ill. UZBR, 1962. 42 p.
(DNC)

Shchegolev, Iulian Viktorovich
[The lines and the libretto] Vremya i teatr. Moskva, "Znanie," 1966. 65 p. (Sovetskaya nauka, tekhnika, beria "Iskusstvo," no. 18)

79.2(471. 66)—North Caucasian S. R. R.

Tolstoy, Boris I.
[All the cradles of the Georgian theater. From reminiscences of an actor] Vse kradlye teatral'noy totra. In vospominaniy aktora. [Khudozhnik, Severo-Osetinskoy kn. izd., 1963. 84 p.
(DNC) (DNC)

79.2(479 23)—Georgian S. R. R.

Polozovskii, Georgii Alekseyevich
[The Gori Theater] Gori'skiy teatr. Tbilisi, Literatura da khoreografiya, 1966. 110 p. (In Georgian)
(DNC)

79.2.3 Ballet

Kozlov, V. B.
[Ballet] Ballet. Tekst Iulii Kubanova. [In the "Sov. khudozhnik," 1966. 140 p. (In Russian)
(DNC) (DNC) (DNC)

Rodkovskiy, M. I. A., and Rodkovskiy, N. A.
[Heroic dances: immortality, a gift standard bearers] Geroyeskie tsunty: besmertie i standartnoshchik. Moskva, "Iskusstvo," 1966. 122 p.
(DNC)

Polozovskii, Iulian Viktorovich
Malia Pilschinskaya. Moskva, "Iskusstvo," 1964. 125 p.

79.2.3(475 2)—Kirghiz S. R. R.

Drozdov, Dmitriy I. Yul'yevich
[The Kirghiz ballet theater. A historical sketch] Kirghizskiy baletnyi teatr. Ocherk istorii baletnogo "Kyrgyzstan," 1966. 164 p.

79.2.3 Dances

[The heroic dances] Geroyeskie tsunty. Moskva, Voenizdat, 1964. 167 p.

79.4. Games of thought (chess, checkers, billiards, etc.)

Moser, J. F.
[Checker endings. Translated from the English] Shashcheknye okonchaniya. Moskva, "Sovetskaya sport," 1963. 316 p.
(DNC)

Polozovskii, Nikolai Yul'yevich
[Chess literature of the U. S. S. R. (1975-1966)] Shashcheknaya literatura SSSR (1975-1966). Moskva, "Kaipa," 1967. 211 p.

79.6 Sport. Games. Athletics

Shchegolev, Dmitriy Alekseyevich
[My occupation] Moia spetsialnaya. [1964] G. G. Iov, P. Iovskiy. Kn. izd., 1966. 30 p.

Tambien, Nikolai Borisovich
[Hygiene in physical culture] Gygiena v fizicheskoy kulture. Moskva, Tsentral'nyy nauch.-issled. inst. sporta i fizicheskoy khudozhnitsy, 1966. 41 p.
(DNC)

8. LITERATURE. BELLES-LETTRES

80 Literary science and technique

[Aurora. Verse of poets of Bulgaria, Hungary, the Czech Democratic Republic, Poland, the U. S. S. R., and Czechoslovakia] Aurora. Stizheniya poezii Vengrii, GDR, Mongolii, Pol'shi, SSSR, Tsekhoslovaki. Moskva, "Khudozhnik," 1967. 412 p.

[Concise literary encyclopedia] Kratkaia literaturnaya entsiklopediya. Glav. red. A. A. Berkov. Moskva, "Sov. entsiklopediya,"
[T.] S. Murav'ev. Pripr. 1966. 616 p.

Yeliseyev, Georgii Mikhailovich
[K. Marx and F. Engels and problems of literature] K. Marks i F. Engels i voprosy literaturnoy nauki. Moskva, "Khudozhnik," 1966. 668 p.

Polozovskii, Viktor Alekseyevich
[The linguistic standard] Iazykovaya standart. Moskva, "Prosvetshenie," 1966. 64 p.

Kuznetsov, Mikhail Matveyevich.

[Artistic prose of our day. (1907 to the beginning of 1945) Khudozhestvennaya proza nashikh dnei. (1907- nachalo 1945 g.) Moskva, "Komsomol", 1948. 83 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Literaturna," II).

Parov, Evgenii Ilyich.

[Modern science fiction. Sovremennaya nauchnaya fantastika. Moskva, "Komsomol", 1948. 98 p. (Mirnyi universitet. Fakul'tet literatury i iazykovedeniya, 13).

Pengel'skiĭ, Aleksandr Iosifovich.

[Reading and translating English scientific and technical literature. Vocabularies, grammar, phonetics, exercises. Chitaniye i perevod angliiskoi nauchnoi i tekhnicheskoi literatury. Leksika, grammatika, fonetika, uprazhneniya. Iud. 3-4, perebot i dop. [Moskva, "Mashin", 1968]. 487 p.

Rybakina, Aleksandra Ivanovna.

[Teaching belles-lettres. (Current problems in the teaching of belles-lettres in schools of higher education). A manual for students and teachers in teachers colleges. O prepodavanii khudozhestvennoi literatury v vyssh. shkole. Ucheb. posobie dlia studentov i prepodavatel' pod. in-ov. Moskva, 1948. 304 p.

Seris, Andrei Leonovich.

[In an educational laboratory. V laboratorii obshchei. Iud. 3-4, dop. i perebot. Moskva, "Mashin", 1968. 145 p. (Repertuar khudozh. samodeiatel'stva. 10).

Turkovich, Il'ia Vladimirovich.

[Translation of German scientific and technical literature. (A practical manual). Perevod nauchnoi i tekhnicheskoi literatury. (Prakt. posobie). Moskva, "Mashin", 1968. 279 p.

33 Germanic Writers

Andersen, Hans Christian.

[The ugly duckling. Translated from the Danish. Odnii vtiok. Pod red. K. Shavrova. Moskva, "Det. lit.", 1944. 20 p.

Asen, Bryon.

[Hunted among wolves. A novel. Ilyi sored volkov. Roman. Vyd. 2, [Kyiv, "Dnipro", 1966]. 420 p.

Falkner, Emil Shmelyovich.

[A black wind. A novel. Translated from the Yiddish. Chernyi veter. Roman. Avtoriz. per. s yev. i. Shavrova. I.D. Kharkov. Moskva, "Sov. pisatel'", 1963. 280 p.

Hans Kirt, A biobibliographical index.

[Hans Kirt, A biobibliographical index. Khana Kirt. Biobibliogr. ukazatel'. Moskva, "Kadga", 1967. 31 p.

Kytko, Lev Moiseyevich.

[The young years. A novel in verse form. Translated from the Yiddish. Gody molodye. Roman v stikhi. Moskva, "Sov. pisatel'", 1962. 193 p.

Reich, Max Walter.

[We are not dust which lies in the wind. A novel about the generation that is not lost. Translated from the German. My ne porokh, skoko laiy' sa vliroa. Roman pro nepropashno pokolitsia. Perklad s nemetsk. Kyiv, "Dnipro", 1944. 804 p.

33.1 English Writers

Leahy, Jack.

[The revolt of the sons. A novel. Translated from the English. Dni revoli. Roman. Kyiv, Dnipro, vyd. khudozh. lit., 1964. 232 p.

Marjory, Abel' Isaakovich.

[Russian notebooks of John Reed. Russkie bloknoty Dzhona Riida. Moskva, "Sov. pisatel'", 1944. 286 p.

Tutakov, Andrei.

[The adventures of Masha. The Feathered Wish. Fairy tales. Translated from the English. Prizhizheniia Mashy. - Porynataia Vd'ma. Porynataia Mashy. Moskva, "Khudozh. lit.", 1968. 223 p.

Uroev, Mikhail Pavlovich, and Uroev, Dmitrii Mikhailovich.

[Shakespeare. Movement in time. Shakespir. Dvizheniye vo vremeni. Moskva, "Mashin", 1968. 184 p.

34 Russian Writers

Andrei, Boris.

[The love of Ithaca. A novel. Translated from the Portuguese. Dorod Iliosa. Roman. Moskva, Gostlitizdat, 1963. 243 p.

Byronov, Georgii.

[The Carmelites. Translated from the French. Dni karmelitsk. Monich, "Na bori", 1964. 120 p.

Butskoi, Andrei.

[One before the time of love. A novel. Translated from the Moldavian. Odn pred litom liovi. Roman. Moskva, "Sov. pisatel'", 1948. 101 p.

Chandori, Sebastian Moth Nicolas.

[Medicine and philosophy. Characters and anecdotes. Meditsina i filosofiya. Kharakterii i anekdoty. Iud. podgotovili P.R. Zaborov i dr. Moskva, "Mashin", 1968. 200 p.

(CU) (MDW) (MH) (NIC)

Choban, Iosif Konstantinovich.

[Bridges. A novel. Translated from the Moldavian. Mosty. Roman. Moskva, "Sov. pisatel'", 1964. 203 p.

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Leibov, Raymond.

[Abraham's offering. A novel. Translated from the French. Zhertvoprinosheniye Avraama. Roman. Per s frants. O Dobrovol'stvo. [Moskva, "Khudozh. lit.", 1948]. 234 p.

Mikheev, L.D.

[Literature of national revival. Work of contemporary writers of Morocco, Tunisia, Algeria. Literatura natsional'nogo vostoizhdaniia. O tvorcheshtve sovremennykh pisatel' Marokko, Tunisa, Alzhira. Moskva, "Mashin", 1963. 47 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Literaturna," 12).

Prokhor, Aleksandr Ivanovich.

[Portraits of French writers. Portrety frantsuzskikh pisatel'. [Moskva, Khudozh. lit., 1967]. 20 p.

Rubinshteyn, Vladimir Fedorovich.

[French literature. Selected articles. Frantsuzskaia literatura. Ibranyye stat'i. Moskva, "Mashin", 1968. 488 p.

(CAAFU)

[Stories of Latin American writers. (Home reading). Rasskazy latinskoamerikanskikh pisatel'. (Domashnee chitaniye). Moskva, 1968. 148 p.

Tonari di Lampadara, Giuseppe.

[The leopard. A novel. Translated from the Italian. Leopord. Roman. Kyiv, Dnipro, vyd. khudozh. lit., 1964. 124 p.

(U)

33.2 Russian Writers

Adamsky-Pavlov, Vartan Pavlovich.

[The lay of the host of Igor and movements of Russian literature of the 11th-13th centuries. "Izvo o gozda igoreve" i pamiatniki russkoi literatury XI-XIII vekov. Leningrad, "Mashin", 1964. 208 p.

Ardenkov, Mikhail Aleksandrovich.

[A front without trenches. Front bez okopov. [Kyiv, Volgo-Vostok kn. izd., 1968. 101 p.

(MDW) (MH) (NIC)

Asiatov, Viktor Petrovich.

[The village. Stories. Selo. Rasskazy. Moskva, "Sov. pisatel'", 1968. 418 p.

Ardenkov, Mikhail Aleksandrovich.

[Run over the trenches. A tale. Stories. Solznye iud okopand. Povest', Rasskazy. Moskva, Voenizdat, 1964. 203 p.

Ardenkov, E.P.

[Dan'ian Bodnyi, writer of jokes. Dan'ian Bodnyi, byuogiyets. Slavropol', Kn. izd., 1963. 37 p.

(MD)

Barto, A.L.

[What is the matter with him? Chlo s nim takoe? Moskva, "Det. lit.", 1966. 37 p.

(NIC)

Barkov, Daria.

[Mia street. A poem (1917-November 7, 1929). Garmia ulitsa. Poema (1917-7/XI-1929 g.). [Leningrad, "Khudozh. lit.", 1966]. 44 p.

(MD) (MDU) (MD)

Dalakov, Vladimir Gerasimovich.

[Paradise motifs. Paradaiskie motivy. Moskva, "Mashin", 1964. 78 p.

Dobrov, Anatoli Georgievich.

[Karamell Karamell. Moskva, "Sov. Rossiia", 1967. 113 p.

(MDU) (MD)

Dobrov, Mikhail Vladimirovich.

[The village. Stories. Selo. Rasskazy. Moskva, "Mashin", 1966. 15 p.

(MDW)

Dobrov, Pavel Fedorovich.

[Ancest. Verse. Vostokskaya. Stikhi. [Moskva] "Sov. pisatel'", 1966. 96 p.

Dobrov, Aleksandr Oskrovich and Dery, Vladimir.

[The love of Ithaca. A novel. Translated from the Portuguese. Dorod Iliosa. Roman. Moskva, Gostlitizdat, 1963. 243 p.

(MD)

Dobrov, Boris.

[The blue day. Otkhodov's walk. Your tale. U shchit blichy. Vli's Otkhodova. Tvoia povest'. Moskva, "Det. lit.", 1964. 37 p.

(MD) (MD)

Barkov, B.G.

[The seventh crossing. A novel. Sed'moi perekhod. Roman. [Leningrad] Gostizdat kn. izd., 1962. 237 p.

(MD)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

(U)

Chichary, Platta.

[The manuscript is awarded the Goncourt Prize. A novel. Translated from the French. Rukopisna premda pryzadsho voviat. Roman. [Kyiv, "Dnipro", 1964]. 229 p.

883.5 Scandinavian Literature
Winklerova, I. D.
[Literature of national revival. Work of contemporaries writers of Morocco, Tunisia, Algiers] Literatura natsional'nogo voskreseniia. O tvorchesve sovremennykh pisatel'ev Marokko, Tunisa, Alzhira. Moskva, "Znaniye," 1964. 47 p. (Moye v zhizni, seriya, izdatel'stvo. Berlin "Literatura," 13)

884.1 Ural-Altaic Literature
Alexandrov, Olegovich
[Dobunidia. Tales, Translated from the Kirgiz] Dobunidia. Povesti. [Moskva, "Klassich. lit.," 1964]. 433 p.

(U)

- Морозин в огледале. A novel. Translated from the
Russian by George G. Berman. [Minsk, Belorussian
Belorussian Kn. Soc., 1966]. 333 p.
(17) (MIR)

- [One existing. Novellas of Chinese writers] Odnazhdy
vacheron. Novelly kitaiskikh pisatelei. Moskva,
"Munka," 1963. 113 p.

220 (44) — India

- Acosta, U
Baleri, Maria Solomoniuk
[Tragedy of Urial Acosta] Tragedia Urialia Acosty.
Moscow. "Masha." 1962. 18 p.

- Akhmedov, M. F.
Razv. Amalaba K.
[M. F. Akhmedov's political views] Politicheskiye
vzglyady M. F. Akhmedova. Baku, Izd. AN Azerb.,
1968. 104 p.
- Andreev, D. F.
Vozrozhdenie, taishan Vasil'evich
Boris Andreev. [Moskva, "Iskusstvo," 1968].
140 p.
(MFI) (NIC)
- Bednyi, D.
Dam'ian Bednyi, E. P.
[Dam'ian Bednyi, writer of librettos] Dam'ian Bednyi
besposredstvom, Stavropol', Kn. izd., 1943. 37 p.
- Belousskiy, A. M.
Andrei Nikolaevich Belousskiy. Vospom. stat'iia A. S.
Spirina. Bibliografika sost. L. M. Khokhlov. Moskva,
"Muzika," 1968. 63 p. (Materialy k bibliografi
uchenykh SSSR. Seriya biokhimiya. Vyp. 7).
- Blavatsky, H. P.
Petrova, E. P.
[Elena Petrovna Blavatskaia. A biographical sketch
Elena Petrovna Blavatskaia. Biograficheskii ocherk
E. P. Petrovoy. Moskva, "Alma," 1968. 8 v.
(MFI)]
- Borodin, A. I.
Troshin, Ivan Vladimirovich
Aleksandr Ivanovich Borodin. Leningrad, Khudozhnik
RSFSR, 1966. 46 p.
(MFI-FA) (NIC)
- Brilov, N. G.
Brilovskiy, M. O.
[Nikolai Nikolayevich Brilov. A sketch of his life and work]
Nikolai Brilov. Ocherk zhizni i tvorchestva.
Tbilisi, Gosstatizgiz-Ugo-Osebi, 1963. 123 p.
(MFI)]
- Chernyshev, N. M.
Polakchikov, Anatoli Alekseyevich
[Theory path to victory] K lyubym put' leralit'y.
Moskva, Voensdat, 1967. 64 p.
- Chernyshev, A. A.
Aleksandr Alekseyevich Chernyshev. Vstup. stat'iia
S. I. Filitskovicha i V. K. Voronovskogo. Bibliografika
sost. V. K. Voronovskaya. Moskva, "Muzika," 1968.
48 p. (Materialy k bibliografi uchenykh SSSR.
Seriya tekhnicheskikh nauk. Elektroelektronika, vyp. 4).
- Dobrolubov, M. A.
[Dobrolubov, a critic and historian of Russian literature]
Dobrolubov - kritik i istorik russkoi literatury.
[Leningrad], Izd. Leningr. univ., 1943. 171 p.
(MFI)]
- Kendall, A. M.
Kotovsky, Ilyirgill Semenovych
Admiral Mikhailovich Kendall. [Moskva, "Boy.
khudozhnik," 1966]. 87 p.
(MFI) (NIC)
- Krislin, Krilik
Ivanov, M. M.
[Krili Krislin. A sketch of his life and work]
Krili Krislin. Ocherk zhizni i tvorchestva. [Akadem.
Izdatel'stvo kn. izd., 1963. 118 p. [In Russ.]]
(MFI)]
- Faddeev, A. A.
[Faddeev in the Urals] Faddeev na Urala. Chelabinsk,
Uchebo-Uchebnaya kn. izd., 1960. 304 p.
(MFI) (NIC)
- Falconet, R. M.
Falkenberg, Z. V.
[Falconet] Falkenberg. Leningrad, "Boy. khudozhnik,"
[1964] 38 p. (Ilus.)
(MFI-FA) (MFI)]
- Fomin, E. I.
Dobryakov, Boris Pavlovich
Vladimir Fomin. Moskva, "Muzika," 1966. 107 p.
- Gheorgiu, A. K.
Mikhailov, P. B.
Aleksandr Konstantinovich Gheorgiu. Moskva, "Boy.
khudozhnik," 1966. 68 p.
(MFI-FA) (MFI)]
- Gordil, M.
Otkrytiye, Oleg Dmitriyevich
[Oleg Gordil as a publisher] Gordil - izdatel'. Moskva,
"Kniga," 1968. 123 p.
- [Gordil and Arsenia. Articles, letters, reminiscences
and "Chronicles"] Gordil i Arsenia. Stat'i, pis'ma,
vospominaniya i "Khronika." Krasnodar, "Mir," 1968.
102 p.
- Gratsev, N. A.
Gorodkov, N. A.
[Nikolai A. Gratsev] Gorodkov, "Mol. gvardia," 1960.
38 p.
(MFI)]
- Grav, D. A.
Dobryakov, Boris Pavlovich
Dmitriy Aleksandrovich Grav. [1853-1938].
Moskva, "Muzika," 1968. 113 p.
- Iablochkina, A. A.
[A. Iablochkina. Seventy-five years in the theater]
A. Iablochkina. 75 let v teatre. Moskva, Vsesoyuznoe
Teatrino Obshchestvo, 1968. 443 p.
(MFI)]
- Ibragimov, G.
Mukhametov, Khusnudin
[A great life] Bol'shaia zhizn'. Kazan', Tatarsko-
biel., 1968. 100 p.
- Ishakovich, I. S.
Ishakov, Ivan Stepanovich
[Album] Album. Kyiv, "Mysetstvo," 1964.
84 p. (Ilus.)
(MFI)]
- Kashchev, E. G.
Bogdanov, Anisim Georgiyevich
Konstantin Kashchev. Moskva, "Boy. Rossiya,"
1967. 113 p.
(MFI)]
- Kennedy, J. F.
Orosenko, Anatoli Andreyevich
[President Kennedy's 1960 days] 1960 dney prezidenta
Kennedi. Moskva, Politizdat, 1968. 370 p.
- Kirik, H.
[Hans Kirik. A biobibliographical index] Hans Kirik.
Biobibliogr. ukazatel'. Moskva, "Kniga," 1967.
31 p.
- Koval', M. V.
Polakchikov, Anatoli Alekseyevich
Markus Koval'. Moskva, "Muzika," 1968. 178 p.
- Kulik, L. A.
Vynnyk, Boris Yegorovich
[Along Kulik's path] Tropot Kulika. Moskva,
"Mysl'," 1968. 264 p.
- Kurmanashvili, R.
Kurmanashvili, Roderic
[Immortal song. Damsel's peal. Tolles.]
"L'immortelle de la couronne," 1965. 121 p. [In
Georgian]
(MFI)]
- Kurmanashvili, R. V.
Aghashvili, Petr Timofeyevich
Kurmanashvili, R. V. [Ed.] Moskva, "Mol. gvardia,"
1968. 300 p. (Zhurnal samechnat'nykh idel. Seriya
biografika. Vyr. 4(43)).
- Lermontov, M. IU.
[M. IU. Lermontov and Chechen-Ingushetia] M. IU.
Lermontov i Checheno-ingushetia. Groznyy, Checheno-
Ingushetskaya kn. izd., 1964. 57 p.
(MFI)]
- Litviner, V. M.
Vorobey, Flora Evgenyevna
[Cold spring] Khudoi stroyevy. Moskva, "Mol.
rabochi," 1964. 300 p.
- Lincoln, A.
Hawley, Robert Frederick
[Abraham Lincoln and the Civil War in the U.S.A.]
Abraham Lincoln i grazhdanskaya voyna v SSHA.
[Moskva], "Muzika," 1964. 483 p.
(MFI)]
- Lisovski, L.
Petrovsky-Lisovski, Lidia Isidorovna
Lidia Lisovski. Moskva, Politizdat, 1964. 143 p.
- Lisovski, D. M.
Lisovski, Boris Dmitriyevich
[Lisovski in the notebooks of D. M. Lisovski-Sl-
binskiy] Pol'tov v rukopisykh knizhnikakh D. M. Lisovski-
Slbinskiy. Sverdlovsk, Strel'-Uralskaya kn. izd.,
1960. 80 p.
(MFI)]
- Lisovski, G. A.
Pekker, Isa
Georgiy Lisovski. Moskva, "Muzika," 1964. 121 p.
(MFI)]
- Merri, P. L.
Travnikov, Nina Konstantinovna, and Krasnov, N. A.
[Pier Luigi Merri] Pier Luigi Merri. Moskva,
Stroiizdat, 1968. 136 p.
- Peterson, K. R.
[Konstantin Petrovich Peterson. Notes on the
manuscript of P. A. Vlasenok's book "Biographical
and literary notes on Denis Ivanovich Forsvick"]
Novonadezhda i vospom. Puskina. Kazan', na rukopist
knigi P. A. Vlasenoka "Biograficheskoe i literaturnoe
opisanie o Denise Ivaneviche Forsvike." Podgot. tekst
stat'i i komment. V. K. Petrova i M. L. Glushko.
Moskva, "Muzika," 1968. 123 p.
- Reed, J.
Staritsky, Abel' Immanuelovich
[Russian notebooks of John Reed] Russkie bloknoty
Johna Riida. Moskva, "Boy. pisatel'," 1958. 238 p.
- Romay, T.
Lopez Sanchez, Jose
[Romay and the development of Cuban culture. On
the 300th anniversary of the birth of Tomas Romay]
Romay i razvitiye kubinskoi kul'tury. V pandei'
300-letia so dnia rozhdeniya Tomas Roma. Mo-
skva, "Muzika," 1967. 123 p.
- Schubert, F. P.
Goldschmidt, Harry
[Fran Schubert. His life's path] Frants Schubert.
Zhiznennyi put'. Moskva, Mezgiz, 1960. 430 p.
(MFI)]
- Shkolnikov, Ilyirgill Viktorovich
[The last period of Schubert's works] O posled-
nem periode tvorчества Schuberta. Moskva, "Muzika,"
1968. 218 p.
- Sorov, A. N.
Rupel', Aleksandr Moiseyevich
[Aleksandr Nikolaevich Sorov, 1830-1871. A short
sketch of his life and work] Aleksandr Nikolaevich
Sorov, 1830-1871. Kratkii ocherk zhizni i tvorчества.
Leningrad, "Muzika," 1968. 91 p.
- Stepanova, I. A.
[I. A. Stepanova's romances] Romany I. A.
Stepanova. Moskva, "Boy. komponitor," 1964. 94 p.
- Stukolov, V. S.
Stukolov, Andrei Viktorovich
[Songs of labor] Pesni truda. [Arkhangel'sk],
Sev.-Zap. kn. izd., 1968. 87 p.
- Strick, E. V.
[Disorders of the cerebral blood circulation. Collection
of papers dedicated to the 60th birthday of Professor
K. V. Strick. Active Member of the Academy of
Medical Sciences of the U.S.S.R.] Narusheniya krovoobrazheniya. Sbornik posvyashch.
60-letiu so dnia rozhdeniya detstva, chl. Akad. med.
nauk SSSR prof. E. V. Stricka. Pod red. M. V. Konovalova
i R. A. Titobova. Moskva, "Meditsina,"
1966. 303 p.
- Sumov, I. I.
Kramar, F. D. and Molokhov, I. D.
[Igor Sumov and Igor Molokhov. Mathematicians, mechanical
engineers, and teachers, 1893-1970] Igor Sumov
Sumov, 1893-1970, matematiki, mekhaniki, pedagogi.
Alma-Ata, 1968. 123 p.
(MFI)]
- Toropov, M. A.
Nikita Aleksandrovich Toropov (1904-1968) Vstup. stat'iia
V. P. Baranovskogo. Bibliografika sost. L. A. Makarov,
I. I. G. Labetskiy. Moskva, 1968. 64 p. (Materialy
biobibliografii ucheny

PM

- 940 83(74)—Kazakh S. S. R.
Mukhametov, Odyshchik Dzhambayevich.
[Contributions of Kazakh women to the front]
(Labor exploits of women in the industry of Kazakhstan during the Great Patriotic War of 1941-1945)
Kazakhskiy Kazakhstana - front. (Trochivye podvigi zhenshchiny v prom-sti Kazakhstana v Velikoi Otechestven. voiny 1941-1945 gg.) Alma-Ata, "Kazakhstan," 1948, 188 p.
- 940 83(73)—United States of America
Aloray, Mimi Mikhaylovich.
[Pearl Harbor] Zagnuda Piri-Kharbora. Ed. 2-e, dop. Moskva, "Mashin," 1963, 192 p.
- 947 History of Russia, U.S.S.R.
Krasnaya, Mimi Mikhaylovich.
[History of the organs of government administration in prerevolutionary Russia] Istoriya gosudarstvennykh upravleniiskh dorevolutsionnoi Rossii. Ed. 2-e, dop. 1 dop. Moskva, "Vyssh. shkola," 1963, 368 p.
- Korovin, M. N. and Korovin, T. F.
[Efforts of the Communist Party to reinforce the working class of the U.S.S.R. during the restoration of the national economy, 1918-1926] Dobitok'most' Komunisticheskoi partii po ukrutreniiu kadrov rabochego klassa SSSR v vosstanovitel'nyi period, 1918-1926 gg. Moskva, 1948, 44 p.
(MII)
- Korovin, M. N. and Korovin, T. F.
[Revolutionaries of 1901. "Velikorusse" and its committee during the revolutionary struggle of 1901] Revolyutsionery 1901 goda. "Velikorusse" i ego komitet v revoliuts. bor'be 1901 g. Moskva, "Mashin," 1948, 243 p.
- Pokrovskaya-Vasylyshko, M. D.
[Two concepts of the history of the Ukraine and Russia] Dvi konceptii istorii Ukrainy i Rossii. Moskva, "Dobro" 1964, 88 p.
(OCU)
- Pokrovskaya, Aleksandr Aleksandrovich.
[Diary] Dnevnik. Moskva, "Mashin," 1944, 2 v.
(MIO)
- [Russia peasants] Russkii krest'ianin. [Moskva, "Sov. Rossiya," 1948], 246 p.
- Vasovskii, Georgii Vladimirovich.
[Battles in the battles for Moscow, 1918, 1941] Voinnye morialy v bitvakh na Moskva. 1918, 1941. Moskva, "Mashin," 1963, 153 p.
- 947(470)—European U. S. S. R.
[Trina No. 4001] Poud No. 4001. Leningrad, Lendat, 1964, 360, [40] p.
- 947(471. 832)—Lipetsk Province
[Along the road of glory and immortality. Stories on the heroes of the Soviet Union born in Lipetsk Province] Dorogi slavy i bessmertiya. Ocherki o geroidakh Sovetskogo Soюза, urozhentsakh Lipetskoi oblasti. [Voronezh, Tsentral'no-Chernomorskaia kn. izd., 1965], 218 p.
(MIO)
- 947(471. 87)—Dagestan A. S. S. R.
[History of Dagestan] Istoriya Dagestana. Moskva, "Mashin," T. 2, 1963, 358 p.
- 947(477)—Ukraine S. S. R.
Pokrovskaya-Vasylyshko, M. D.
[Two concepts of the history of the Ukraine and Russia] Dvi konceptii istorii Ukrainy i Rossii. Moskva, "Dobro" 1964, 88 p.
(OCU)
- Rusakovskaya, Anzhi Vasylyshko.
[Problems in the postwar history of the Ukraine in Soviet historiography] Problemy istorii Ukrainy plaviavennogo periodu v nachalni letostoirofi. Kyiv, "Mashin danka," 1967, 334 p.
- 947(479)—Caucasus and Transcaucasia
Muralidze, Mikheil Lavrent'evich.
[From the history of the revolutionary-populist movement in Transcaucasia (from the 1860's to 1870's)] In istorii revoliutsionno-sotsialisticheskogo dvizheniya v Zakavkaz'e (80- i pervaya polovina 70-ikh godov XIX veka). Tbilisi, izd. Tbilisskogo osv., 1964, 165 p. [in Georgian]
(MII)
- 947(471. 83)—Irkutsk Province
[A reader on the history of Irkutsk Province] Krasotomaila po istorii Irkutskoi oblasti. Irkutsk, Vostochno-Sibirskoe kn. izd., 1965, 273 p.
(MII)
- 947(471. 6)—Soviet Far East
[Domestic shock unit. Stories] Udmarska komsomol'skaya. Ocherki. [Khabarovsk] Khabarovskoe kn. izd., 1966, 44 p.
(OER-II)

- 947(474)—Kazakh S. S. R.
Mytkin, Ryndok.
[History of the development of friendly contacts between the Kirghiz and Kazakh peoples during the building of socialism] In istorii razvitiia druzhby kirgizskogo i kazakhskogo narodov v period stroitel'stva sotsializma. Frunze, "Kyrgyzstan," 1962, 43 p.
- 947(475)—Central Asia
Rasul'ev, P. R.
[History of contacts between Central Asia and India in the second half of the 19th and early 20th century] In istorii sratsionalno-indiiskikh svyazei viroli poloviny XIX - nachala XX veka. Tashkent, "Fax," 1948, 170 p.
- 947(475. 2)—Kirghiz S. S. R.
Karagay, Omerkan.
[Arabic and Persian sources of the 9th-13th century concerning the Kirghiz and Kirghiz] Arabskie i persidskie istochniki IX-XIII vv. o kirgizakh i kirgizakh. Frunze, "Mia," 1944, 303 p.
- Mytkin, Ryndok.
[History of the development of friendly contacts between the Kirghiz and Kazakh peoples during the building of socialism] In istorii razvitiia druzhby kirgizskogo i kazakhskogo narodov v period stroitel'stva sotsializma. Frunze, "Kyrgyzstan," 1962, 43 p.
- 947.004 History of Russian Revolution, 1917-1988
Belikov, Sergei Fedorovich, and others.
[With order and glory] V p'edani i slava. [Vologda] Severo-Mugdonska kn. izd., 1967, 92 p.
- Bobov, Mikhail Vasylyshko.
[The October Revolution and failure of the Menshevik movement. (March 1917-1918)] Oktobr'skaya revoliutsiya i krach men'shevikov. (Mart 1917-1918 gg.) Moskva, Politizdat, 1963, 408 p.
- Belinskaya, Valeriy Mikhaylovich.
[The working class and the October Revolution in rural areas. (The working class at the forefront of the October Socialist Revolution in rural areas. October 1917-1918)] Rabochii klass i Oktisbr' v derevne. (Rabochii klass vo glave Oktisbr'skoi noia, revoliutsii v derevne. Okt. 1917-1918 g.). Moskva, "Mashin," 1964, 299 p.
- Belinskaya, Viktor I. Vasylyshko.
[You cannot kill a song] Pesni rassvetlail' sol'nia. Leningrad, Lendat, 1964, 130 p.
- 947.004(471. 8)—Ural regions
Muralidze, Mikheil Lavrent'evich.
[From the history of the October Socialist Revolution and socialist development in the Ural, Transcaucasia] In istorii Oktisbr'skoi sotsialisticheskoi revoliutsii i sotsialisticheskogo stroitel'stva na Urala. Materialy. Sverdlovsk, 1964, 213 p.
(MII)
- 947.004(471. 84)—Cheyabinsk Province
Ischakov, Yuri Semyonovich.
[Cheyabinsk neighbors of the Kurbash region. Pages of history] Kurbashskaya partizans. Stranitsy istorii. [Cheyabinsk], Tushko-Dra'shche kn. izd., 1964, 114 p.
(VII)
- 947.004(471. 87)—Dagestan A. S. S. R.
Ochakov, Imen Bakhayevich.
[Joint struggle of the workers of Azerbaijan and Dagestan for the Soviet rule, 1918-1920] Sovmestna bor'ba truchashchikhse Azerbaidzhan i Dagestana za vlast' Sovetov, 1918-1920. Makhachkala, Dagestanskii, 1966, 90 p.
- 947.004(474. 3)—Latvia S. S. R.
[Sketches on the economic history of Latvia. (1900-1917). From the history of the economic prerequisites of the Great October Socialist Revolution in Latvia] Ocherki ekonomicheskoi istorii Latvii. (1900-1917). In istorii ekon. predpoyvok Velikoi Oktisbr'skoi noia, revoliutsii v Latvii. Riga, "Mashin," 1964, 247 p.
- 947.004(477)—Ukraine S. S. R.
Muralidze, M. O.
[Struggle of the Ukrainian workers against the Decadist's white guards. Abstract of a lecture of a special course in the history of the U. S. S. R. for students of history departments and students specializing in journalism, law, and library science of science departments] Bor'ba truchashchikhse Ukrainy proty bilovardskikh armii Deshchikh. Korespondent laskai po spetsialnoy s istorii URSR dlia studentov istoricheskogo fakul'teta in spetsial'nostei: zhurnalistyky, prava, bibliotekoznaeviya i sotsial'no-ekonomicheskogo fakul'teta. Lendat, 1963, 73 p.
(MII)
- Belinskaya, M. O. and Ischakov, I. I.
[History of Soviet rule in the Ukraine] Pobeda Sovetskoi vlasti na Ukraine. [Kiev, "Mashin," 1967] 6 p.

- 947.004(477. 84)—Transcaucasia
[Fighters for the great cause. (Activists of the revolutionary movement in Transcaucasia. A concise bibliography index)] Borci za veliku spavu. (Aktivni dzhanki revoliutsionno rukto na Zakavkazii. Korodiki bio-bibliograficheskii poluchetnyk. Lendat, "Mashin," 1967, 55 p.
- 947.004(478. 84)—Azerbaijan S. S. R.
Ochakov, Imen Bakhayevich.
[Joint struggle of the workers of Azerbaijan and Dagestan for the Soviet rule, 1918-1920] Sovmestna bor'ba truchashchikhse Azerbaidzhan i Dagestana za vlast' Sovetov, 1918-1920. Makhachkala, Dagestanskii, 1966, 90 p.
- Rasul'ev, P. R.
[Deeds of the October Revolution] Deiny Oktisbr'a. Baku, "Ochakovskiy," 1966, 84 p.
- 947.004(478. 3)—Tajik S. S. R.
Kulakov, O. R.
[Struggle for the establishment and consolidation of Soviet rule in northern Tajikistan, 1917-1920] Bor'ba za ustapovleniye i uprotverzdeniye Sovetskoi vlasti v Severnom Tadzhikistane, 1917-1920 gg. [Lendat], "Mia," 1964, 183 p.
(MII)
- AUXILIARY CLASS BY PLACE
- (141) New states
see under the following numbers: 336
- (811) Cold, frigid regions
see under the following number: 812
- (813) Hot (tropical, subtropical) regions
see under the following number: 812.1
- (824) Mountains of Europe
see under the following numbers: 821.1; 821.2; 821.3; 821.7, 823; 824.0
- (822.5) Black Sea
see under the following number: 821
- (4/8.103) Communist countries of the world
see under the following numbers: 33; 330.2; 336; 347 953; 361.87; 362; 840; 841
- (4/8.104) Capitalist countries of the world
see under the following numbers: 332.2; 336; 364; 830.1
- (4) Europe
see under the following numbers: 711.4; 736
- (4.8) European capitalist countries
see under the following numbers: 330.2; 330.45; 332
- (41) United Kingdom and Northern Ireland
see under the following numbers: 332.2; 332.3
- (426) Poland
see under the following numbers: 330.45; 910
- (426) Hungary
see under the following number: 330.45
- (44) France
see under the following numbers: 10; 337; 360
- (46) Italy
see under the following numbers: 332.3; 931
- (470) European U. S. S. R.
see under the following number: 360
- (471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
see under the following numbers: 332; 34
- (471.11) Archangel Province
see under the following number: 860

(471.11) Murmansk Province
see under the following numbers: 640; 652; 653;
940.63

(471.12) Karelia A. S. S. R.
see under the following numbers: 01; 641.48; 910

(471.13) Leningrad Province
see under the following number: 911

(471.222) Leningrad City
see under the following numbers: 608; 308; 718;
724; 911

(471.26) Pskov Province
see under the following number: 7.0

(471.310) Moscow City
see under the following numbers: 060; 651.307;
650.113; 656; 654.1; 726; 940.63

(471.311) Moscow Province
see under the following numbers: 311.3; 326.1;
726

(471.312) Ryazan Province
see under the following number: 333

(471.316) Yaroslavl Province
see under the following number: 877

(471.317) Kostroma Province
see under the following number: 840.83

(471.318) Kaluga Province
see under the following number: 711.4

(471.322) Lipetsk Province
see under the following number: 947

(471.323) Kursk Province
see under the following number: 623.3

(471.331) Kalinin Province
see under the following number: 329.01

(471.332) Smolensk Province
see under the following number: 320.04

(471.5) Ural regions
see under the following numbers: 336.62; 633; 633;
682.8; 947.084

(471.63) Perm Province
see under the following numbers: 313.3; 331

(471.66) Chelyabinsk Province
see under the following numbers: 363; 646.6;
646.67; 947.084

(471.64) Kemerovo-Baltai A. S. S. R.
see under the following number: 306

(471.66) North Osetia A. S. S. R.
see under the following number: 702

(471.66) Chuvash-Angash A. S. S. R.
see under the following numbers: 338; 338.9

(471.67) Dagestan A. S. S. R.
see under the following numbers: 541.4; 947;
947.084

(474.2) Estonia A. S. R.
see under the following number: 302.1

(474.3) Latvia A. S. R.
see under the following numbers: 333; 947.084

(474.5) Lithuania A. S. R.
see under the following numbers: 306; 332; 910

(476) White Russian A. S. R.
see under the following numbers: 339.01; 542; 636;
72; 911

(477) Ukrainian A. S. R.
see under the following numbers: 30; 306; 386;
328.03; 323; 328; 361.86; 365.6; 323.1; 646;
7.0; 72; 72; 810; 930; 930.1; 930.26; 94;
946.63; 947; 947.084

(477.5) Western Ukraine
see under the following number: 910

(477.66) Transcarpathia
see under the following number: 947.084

(477.9) Crimea
see under the following numbers: 060; 7.0; 970

(478) Moldavia A. S. R.
see under the following numbers: 329.02; 621.313;
624.0

(479) Caucasus and Transcaucasia
see under the following number: 947

(479.22) Georgia A. S. R.
see under the following numbers: 36; 366; 651.5;
728; 72; 722; 680; 930.1; 930.26; 930.9

(479.24) Azerbaijan A. S. R.
see under the following numbers: 32; 322.1; 648;
543; 947; 61; 622.21; 626.1; 947.084

(479.25) Armenia A. S. R.
see under the following numbers: 328; 378; 641.2;
651.7; 676.6; 61

(8) Asia
see under the following number: 342.84

(51) China
see under the following numbers: 930.1; 94

(52) Japan
see under the following number: 940.63

(530) Arab countries as a bloc
see under the following number: 94

(540) India
see under the following numbers: 910; 94

(540) Pakistan
see under the following numbers: 621.4; 910

(56) Iran
see under the following numbers: 630.4; 662.8;
661

(56) Near East
see under the following number: 631

(580) Turkey
see under the following numbers: 323; 94

(57) Arabia U. S. S. R.
see under the following number: 711

(571) Alaska U. S. F. S. R.
see under the following numbers: 308; 323.3;
37; 546; 640.24; 644.3; 641.7; 642; 642;
646.4; 62; 622.4; 624.1; 636; 940.63

(571.15) Ajal Turkey
see under the following number: 7.0

(571.17) Kamov Province
see under the following number: 338.81; 562

(571.51) Krasnoyarsk Territory
see under the following number: 328.82; 562

(571.53) Irkutsk Province
see under the following number: 947

(571.66) Yakut A. S. S. R.
see under the following number: 624.1; 631.8;
636.1

(571.6) Soviet Far East
see under the following number: 634.6; 947

(571.64) Sakhalin Province
see under the following number: 308

(574) Kuwait A. S. R.
see under the following numbers: 30.22; 140.71;
551; 552; 553; 662.3; 652.4; 646.63; 947

(575) Central Asia
see under the following numbers: 501.48; 551.6;
541.7; 662; 633.1; 947

(576.1) Uzbek A. S. R.
see under the following numbers: 300; 545; 37;
383/384; 385/386; 631.6; 634.0; 76

(576.2) Kirgizia A. S. R.
see under the following numbers: 02; 326.84; 370.7;
61; 636; 702.8; 930.22; 947

(576.3) Tajik A. S. R.
see under the following numbers: 01; 333; 338.1;
306; 643; 643; 711.4; 947.084

(576.4) Turkmen A. S. R.
see under the following numbers: 308; 320.01; 37;
633.6

(587) Vietnam
see under the following number: 327

(6) Africa
see under the following numbers: 327; 342.24;
680

(62) Northern Africa, Egypt and Sudan
see under the following numbers: 308; 94

(63) Ethiopia
see under the following number: 3011

(66) West and North Central Africa
see under the following numbers: 308; 910

(68) Southern Africa (including Rhodesia)
see under the following number: 323.1

(71) Canada
see under the following numbers: 36; 330.40

(720) Central America
see under the following number: 323.3

(720.1) Cuba
see under the following number: 00

(73) United States of America
see under the following numbers: 001; 661; 308;
323.3; 327; 320.48; 336; 632.9; 651.1; 94;
940.63

(8) South America
see under the following numbers: 308; 322.2; 333;
910

(910) Indonesia
see under the following numbers: 308; 910

(93) Australasia generally, Malaya
see under the following number: 608; 338

(96) Antarctica, South Polar regions
see under the following numbers: 651.2; 651.5

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIJA NAUK Gruzinskoi Ser. Tbilis. Soborshchika [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tbilis, vol. 40, no. 2, May 1966.

Table of contents translated:

- Konchakova, Sh. A. - Cyclic extension of ZA-groups. p. 183.
 Beridze, R. L. - Representation of numbers by quadratic forms with four variables. p. 277.
 Vashadze, N. N., Krasolaki, M. P. - Estimating the rate of convergence in a multidimensional central limit theorem. p. 273.
 Panchelashvili, Sh. P. - Convergence of double orthogonal Fourier series. p. 277.
 Tsereteli, A. B. - Approximation of functions of several variables by sums and products of functions of a single variable. p. 283.
 Paradz, D. G. - Distribution of errors in solving a system of linear algebraic equations by the iterative method. p. 288.
 Lomada, G. A. - Number of representations of numbers by certain quadratic forms with four variables. p. 296.
 Trubalashvili, G. A. - Algorithm for the classification of abstract images. p. 301.
 Chavchavadze, V. V., Galitashvili, G. I., Korseeva, A. V. - Statistical simulation of the behavior of an object based on the method of matrix analysis of multidimensional series of time functions. p. 305.
 Melkadze, M. I. - Preliminary transformation of an image in a system of recognition of visual images. p. 309.
 Shkharulidze, G. A., Gubanov, H. I. - Absorption spectra of n-type CdSAs. p. 315.
 Melkadze, G. A. and others. - Optical properties of silicon multilayer structures. p. 321.
 Kostamashvili, N. L., Lobodavich, G. I., Makhovirishvili, D. B. - Yield of slow α -neutrons from oxidation nuclei. p. 327.
 Chakraborty, V. M. - Movement of electrons in a one-dimensional field of double periodicity. p. 333.
 Chigridze, I. P., Chavchavadze, D. G., Jagidze, R. M. - Alkylation of some benzene homologs by diacetylates of 3-methyl-3-boronyl-3,5-diol, 3,5-dimethyl-4-octyne-3,5-diol, and 3-boronyl-3,5-diol in the presence of aluminum chloride. p. 330.
 Bechashvili, K. M. - Separation of ketone fraction of petroleum on molecular sieves NaX and CaX. p. 343.
 Melkadze, L. D. and others. - Inhibition of the reaction of photochemical oxidation of petroleum oils. p. 351.
 Mazarashvili, N. V., Davitashvili, E. G., Matidze, V. P. - Composition and properties of basic chlorides and pseudobinary hydrides. p. 357.
 Chikladze, G. G., Kachashvili, K. M., Mosashvili, G. A. - Formation of thioamide esters under irradiation. p. 361.
 Ivashvili, L. V., Mambashvili, M. M., Lashenko, L. V. - Radiolysis of potassium and ammonium thiocyanates in ethyl alcohol. p. 367.
 Urdia, L. A. - Spectrophotometric study of acid centers and their connection with the catalytic activity of clays. p. 373.
 Dotschikova, Z. G., Ogorodnikov, K. T., Nalbandian, A. H. - Determination of elementary rate constants of decarboxylation reactions with azoxides and kinetopyrimidines. p. 379.
 Rakhvalskaya, M. G., Zaslavskii, M. M., Tobolskikh, V. I. - Study of DNA-related RNA polymerase in glial and neuronal nuclei. p. 385.
 Lomskii, T. S., Chikladze, D. I. - Phenol transformation by yeast. p. 39.
 Dzhakeli, K. Z. and others. - Isolation of alkaloids from herbaceous periwinkle growing in Georgia. p. 397.
 Klopovskaya, M. B. - Methodology of using spore-pollen analysis under mountainous conditions. p. 401.
 Demchik, G. B. - Genesis of rocks of the "anomaly" type. p. 407.
 Abesadze, M. B. - Phenomena of the metamorphic differentiation in Lower Paleozoic metamorphic schists of the Dzirra Massif. p. 413.
 Mavretskaya, R. M. - Potassium sodium feldspars of Paleozoic metasomatic granitoids of the Dzirra Crystalline Massif. p. 417.
 Olsad, Sh. I. - Analytical solution of the problem of the effect of hydraulic filling on the temperature field of the surrounding area with initial exponential temperature distribution. p. 423.
 Tugaryashvili, D. Sh., Orlovskii, G. G. - Drawing up the equation of the temperature dependence of isobaric potentials of the reactions of the formation of isomeric compounds. p. 429.
 Vashadze, A. E., Shavchuk, D. A. - Investigating

- forces during rolling in grooves. p. 435.
 Makharadze, L. I., Kirmolashvili, G. I., Gelashvili, M. N. - Determination of the acceleration time of pulp in the pipelines of a station dredge. p. 441.
 Gachechiladze, G. A., Zaslavskii, O. G. - Hydraulic calculation of a bottom water intake gallery. p. 445.
 Panchelashvili, R. L. - Some problems in supportless vibration. p. 451.
 Makhov, B. N. - Optimal distribution of priorities in a one-channel queueing system. p. 457.
 Potashvili, R. A. - Cultivated soils of artificial terraces in Abkhazeti. p. 463.
 Doidze, Zh. Sh. - Study of Akhagyl' Gorge of Khebel. p. 466.
 Karalia, G. A. - Study of the genus *Panagrodontus* Thoms, 1838 (Monacoda, Panagrodontidae). p. 475.
 Alashvili, I. M., Panchelashvili, R. L. - Study of dog memory in oology. p. 481.
 Koridze, M. G. - Changes in the electric activity of the gyrus cinguli and other brain structures following different behavioral reactions. p. 487.
 Akhvaladze, R. A. - Effect of limbic cortex stimulation and extirpation on the secretory activity of the stomach. p. 493.
 Chakraborty, K. V., Zirkadze, A. M. - Determining oxygen pressure in animal brain tissue following an acute test. p. 499.
 Avilashvili, G. B. - Ancient metallurgy center in Kvemo-Kartli. p. 506.

Vol. 40, no. 2, Sep. 1966.

Table of contents translated:

- Mokhadze, Sh. A. - Differentiability of functions of a single variable. p. 511.
 Kapanadze, Dzh. V. - Note on Riemann potentials. p. 521.
 Khosrovishvili, R. L. - Use of the numerical-geometrical method. p. 531.
 Balashov, V. A., Tkachuk, K. E. - On the conditional extremum of a functional in the case of operator coupling with additional restrictions. p. 538.
 Pleschinskii, A. I. - On free objects in categories. p. 541.
 Ovelashvili, T. L. - Analysis of the functional ratio determining the height of the wave formed in water reservoirs in the case of vertical shifting of part of their bottom resulting from isotonic earthquakes. p. 545.
 Koshchashvili, G. G. - Optimum design of camber anemometer discs with allowance for rigidity and strength requirements. p. 541.
 Khvedelidze, A. F. - Algorithm for fast multiplication in Gray's code. p. 548.
 Davitashvili, A. M. - A method for optimum control of interrelated processes. p. 551.
 Mirzashvili, M. M., Kakhadze, T. I. - Substitution of some specific Al^{3+} ions and Sc^{3+} ions for Fe^{3+} in aluminates. p. 553.
 Gogashvili, Dzh. F., Makhvalashvili, O. M. - Correlation of mineral hypoxanthine. p. 559.
 Dasmashvili, D. S. - Estimation of the collector properties of carbonaceous rocks of West Georgian oil-prospecting areas on data gathered by industrial and geophysical investigation of well cross sections. p. 573.
 Toroselidze, T. I. - Vertical distribution of atmospheric sodium. p. 579.
 Gverdtsiteli, L. M., Asatiani, L. P. - Transformation of some ferrous-containing acetylate γ -glycols. p. 586.
 Bakart, M. G., and others. - Study of the products of thermal diffusion separation of isoparaffin-naphthene part of Soviet petroleum distillates. p. 591.
 Davitashvili, K. G., Shelia, M. G., Mokhadze, M. E. - Reaction of neodymium alkyls with potassium and cesium oxides. p. 596.
 Dzhachvili, O. A. - Study of the process of barium silicate reduction in a fluidized bed with addition of some calcium compounds. p. 601.
 Taberidze, I. D., Kymididze, X. V. - Preparation of anticorrosion films from acid tars bitumens. p. 607.
 Dalakishvili, T. M., Karmalidze, M. P. - On certain basic constituents of fatty oil from *Halimolobos archaica* A. Br. p. 613.
 Mosur, T. Z. - Recent glaciers and traces of glaciation on the high-mountain part of the northwestern slope of Kartvelian (upper parts of the Arax and Argus Valleys). p. 620.
 Makhadze, E. K., Mindell, K. V. - High-dispersion minerals of loesslike sediments in eastern Georgia. p. 625.
 Mamarashvili, T. I. - Significance of the relation of posttension to posttension for Lower Cretaceous Paleogene of Georgia. p. 631.
 Dzhachvili, M. I. - Minerals of selenium and tellurium in sulfide ores of Georgia. p. 637.
 Makhadze, X. K. - Evaluating the elastic aftereffect during stress determination in combined stress-strain loading into consolidation concrete creep deformations. p. 641.
 Beridze, G. A., Khvedelidze, T. M., Mikhel'son, R. V. - Determining the initial parameters of a stress wave during the blasting method of preparing native stone. p. 647.
 Makhvalashvili, M. P., Medvedev, A. A., Bagdasarian, D. I. - Kinetics of the electrochemical reduction of cesium and rubidium in vacuum. p. 651.
 Chikladze, G. E. - Effect of machine part dimensions on contact binding. p. 655.
 Ashtori, A. Sh. - Calculation of the heating of electric traction machines using electronic digital computers. p. 661.
 Khachishvili, L. S. - Use of linear converters in magnetic measuring equipment. p. 667.
 Turidze, M. G. - Calculation of partial phase operations of electric power systems. p. 671.
 Gogashvili, G. A. - Registration of information in the form of fat representations using a receptor field method. p. 677.
 Ramishvili, G. K. - Mechanism of the creep concrete. p. 681.
 Koshchashvili, I. I. - Soils of alluvial fans of the left bank of the Alazani River. p. 687.
 Khvedelidze, M. A., and others. - Magnetic effect in phytochemistry. p. 693.
 Dzhachvili, D. I. - Matrix activity of DNA and chromatin of some organs in RNA synthesis. p. 697.
 Tskitashvili, K. G. - New manifestations of Karabagh horizon sediments in Abkhazeti District. p. 703.
 Vekua, A. K. - *Parastrepsiceros* in Georgian Pliocene. p. 707.
 Rakhadze, L. P. - Correlational structure of characters in seeds of some fossil and present European grape species. p. 711.
 Koshchashvili, D. M., and others. - Materials on improving diagnosis of Oriental spruce injury by *Dendroctonus valens* in the Borchgalkine vine. p. 717.
 Doidze, G. V. - Relationship between toxicity and persistence of pesticides. p. 723.
 Dzhachvili, I. A. S. - Contributions to the study of *Scutellaria* (Colaptera) of Sakrebulo District (Georgia S.S.R.). p. 730.
 Kikva, I. A., Bagdasarian, M. L. - Three new moss nematode species from eastern Georgia. p. 736.
 Dzhachvili, M. E. - Morphological characteristics of the Roostel angle of *Isotriaena* and *Brachytrichia*. p. 741.
 Makhvalashvili, S. P., Kachashvili, D. V., Tsereteli, A. S. - Origin of the responses of associative cerebral cortex following excitation of cat's vision system. p. 747.
 Makhvalashvili, T. A. - Delayed responses in untrained dogs. p. 753.
 Rakhadze, G. G. - Arterial blood pressure in dogs in fasting food salivary conditioned reflexes. p. 759.
 Kavanashvili, X. Sh. - Significance of the corpus callosum in the formation of bilateral temporary relationships with neuronal stimulation. p. 764.
 Koridze, M. G. - Effect of electrical stimulation and lumbar gyrus injury on the differentiation of conditioned feeding behavior and delayed reactions. p. 768.
 Kikvadze, G. I. - Cortical afferent connections of the "proreal" cerebral gyrus in dogs. p. 775.
 Kordashvili, S. I. - Significance of postpositive member in North Russian dialects. p. 779.
 Zhornitskii, D. A. - Monosyllabic phonological units with the structure of the combination of words in American English. p. 783.

AKADEMIJA NAUK MOLDAVSKOI SER. Tbilis. [ACADEMY OF SCIENCES OF THE MOLDAVIAN S.S.R. Bulletin]. Kishinev, no. 9, 1963; no. 10, 1965.

AKADEMIYA NAUK TURKMENSKOI SSR, Ashkhabad.
Izvestiya. Seriya obshchestvennykh nauk [ACADEMY
OF SCIENCES OF THE TURKMEN S.S.R. Bulletin.
Series in the Social Sciences]. Ashkhabad, no. 4, 1968.

- Table of contents translated:
Vasileva, N. A. - From the history of the struggle
of the Communist Party of Turkmenistan for
developing prospecting and geological search
operations in the petroleum industry of the republic
during the first five-year plan. p. 2.
Kuz'mina, V. M. - Formation of oilfield units of the
Red Army in Turkmenistan (1934-1938). p. 10.
Amantayev, O. - Turkmenistan in the first half of the
18th century as described by Muhammad Karim.
p. 18.
Kochnev, R. D. - New data on the mosque-madrasah
of Nissa. p. 24.
Atayev, D. - Physical representation of the indestruc-
tibility of matter. p. 32.
Rybak, L. A. - Significance of the aesthetic theory in
the process of education. p. 38.
Basharov, G. - Fined production funds of cotton-
growing state farms in the Turkmen S.S.R. and
their effectiveness. p. 44.
Shutala, V. - Use of capital investments in the
industry of the Turkmen S.S.R. p. 52.
Mikhailevich, Z. B. - Reviewing verbal moods in
the Arabic-language philological writings of the
eleventh to thirteenth centuries. p. 64.
Bekasova, G. - Forms of present and future tourism in
the Khatir-Daiat. p. 72.
Zinov, I. U. - Secession of the ethnonyms *luzar/luzir*.
p. 94.
Berdiev, O., Orzakov, O. - Conference on the prob-
lems of the archaeology of Central Asia. p. 97.

AKADEMIYA NAUK SSSR, Rossiya, Svytytyar, Trudy
[ACADEMY OF SCIENCES OF THE U.S.S.R. Rossiya
Transactions]. Svytytyar, no. 17, pt. 2, 1968.
Agricultural crops of the North.

- Table of contents translated:
Chistykh, M. V. - Effect of perennial grasses on
changes of some properties of Podzolic soils. p. 2.
Molisev, K. A., Varlanova, K. A. - Mallow in the
North, depending on different sowing periods. p. 11.
Aleksandrova, M. I., and others. - Chemical compo-
sition of cow parsnip and mallow siliques. p. 22.
Molisev, K. A., Molisev, V. R. - New plants for
silage at the "Korturovskii" Sovkhoz (Komi
A.S.S.R.). p. 41.
Kosovskiy, V. A. - Dynamics of potato tuber accumu-
lation in the central part of the Komi A.S.S.R.
p. 51.
Molisev, K. A., Varlanova, K. A. - Some agricultural
practices used to obtain high yields of cucumbers
in the North. p. 68.
Ivlev, M. I. - Turnips in hilly bogs in the Central-
Taiga belt of the Komi A.S.S.R. p. 75.
Doroshenko, V. G., Brubak, E. I. - Winter rye sowings
in the Komi A.S.S.R. p. 82.
Churochkin, M. M. - Cultivation of scum plants in
the Komi A.S.S.R. by plowing in the open ground.
p. 91.
Churochkin, M. M. - Spices in the North. p. 95.

KESTI MEY TRADUITS AKADEMIYA, Tolpiseed.
Uchenye zapiski. Izvestiya Akademii nauk SSSR.
Obshchestvennyye nauki [ACADEMY OF SCIENCES
OF THE SOVIET UNION S.S.R. Bulletin. Social
Sciences]. Tallin, vol. 18, no. 1, 1968.

KHARKOV, UNIVERSITET, Uchenye zapiski [UNIVER-
SITY. Studies]. Vol. 24, 1967. Mathematics.

- Table of contents translated:
Belomov, V. D. - Some remarks on 75-quad-groups.
p. 3.
Biling, I. A. - Contribution to the theory of Fedorov
groups and regular partitions in a pseudo-Euclidean
space. p. 9.
Sokolov, E. I. - Some properties of n -quasigroups. p. 14.
Vasilev, P. I. - General pattern of a Palindromic flow.
p. 30.
Barkar, M. A. - Convergence of integrals over a chain
of projections and the problem of factorization of
operators. p. 34.
Kasler, S. Sh., Kravtchuk, M. A. - Reversibility of
matrices from elements of a ring. p. 41.
Prigorskii, V. A. - On some classes of bases from
redundancy. p. 45.
Sokolov, E. I. - Convergence of Cauchy-type integrals.
p. 64.
Freidkin, S. A. - Further study of conjugation problems
and singular integral equations in the case of a
decomposable set of operators. p. 67.
Freidkin, S. A., Kos, B. A. - Boundary value problem
and singular integral equations (case of a decompos-
able set of arcs with the point of connection of the
ends at the end point). p. 78.
Strugin, L. V. - Topological and metric properties of
Young's class as a subset in an Orlicz space. p. 81.
Strugin, L. V. - Anomalous norm in an Orlicz-Minkowski
space. p. 84.

LENDINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII
INSTITUT IMENI A. I. GERTSHEMA, Uchenye zapiski
[A. I. GERTSHEM STATE PEDAGOGICAL INSTITUTE,
Studies]. Vol. 22, 1967. History and literary collec-
tion.

- Table of contents translated:
Chaplov, L. S. - The Rakh song cycle and historical
songs of the 18th century. p. 2.
Mikhaileva, M. V. - The little-known "History" of

Russia during the time of Peter the Great and its
handwritten copies. p. 38.

- Dem'kii, A. V. - Krylov and Katsukov (beginning of
their relationship). p. 40.
Sokolov, P. V. - Russian aesthetics in the pre-
Decembrist and Decembrist periods. On the social
role of art. p. 52.
Mikhale, I. A. C. - At the turning point of history,
at the turning point of literature. p. 74.
Lebedev, I. U. V. - History of the Russian poem of the
1840's. p. 92.
Muklov, M. M. - Intimate lyrics of M. A. Nekrasov and
M. A. Dobrolubov. p. 104.
Grander, A. I. - N. A. Nekrasov's poem "Who can be
happy in Russia?" (composition of the work). p. 122.
Volkov, V. P. - Portrayal of war in the early works of
L. N. Tolstoy. p. 124.
Bekasova, M. L. - V. A. Maykov's "Letters on
Oshakov." p. 140.
Mikhalev, V. P. - "Accessory literature" of the
1960's in the evaluation of M. E. Sholokhov-Sholekhin.
p. 150.
Sokolov, K. I. - M. E. Sholokhov-Sholekhin's road from
"Trifles of life" to "Old years in Poshchokovye."
p. 158.
Vorob'eva, Z. A. - P. V. Zaslavskii's "Chronicle of
the village Novik." (Genre and typology of charac-
ters). p. 164.
Mikhale, A. I. - The last page of Populist poetry
(verse of the Shchegolevskiy prisoners 1867-1906).
p. 164.
Pechov, V. V. - History of the publication of the
periodical "Khropushki." p. 168.
Pechov, V. V. - Satiric works in V. A. Levashin's
"Russian history." p. 184.
Tikhonov, V. V. - History of the creation of
A. I. Kabanov's article "Before the thunderstorm
(Conversation on deck)." p. 272.

Vol. 22, 1968. Literatura v srednei shkole [Literature in
secondary schools] no. 3.

LENDINGRAD, UNIVERSITET, Uchenye zapiski [UNIVER-
SITY. Studies]. No. 24, 1968. Seriya psikhologicheskii
nauk [Experimental and applied psychology], no. 1.

- Table of contents translated:
Lomon, B. F. - Boris Gerashchikov Amer'ev, a scholar,
teacher and organizer of science on his 60th
birthday. p. 2.
Bodalev, A. A. - Notes about the schoolchild and con-
cept of his personality in his novels and teachers.
p. 14.
Likh, E. S. - Some problems of social-psychological
studies in psychiatric and psychoneurological
clinical. p. 22.
Khilko, K. V. - Effect of extraneous stimulants on
the reaction time depending on the conditions of
human activity. p. 26.
Vodokozov, V. M. - Problem of perceptive foresight
as one of the mechanisms of following. p. 32.
Kondratyeva, M. M., Sokolovskii, G. V. - Effec-
tiveness and reliability of simple computing opera-
tions. p. 47.
Ryabin, E. F. - Age-related changes in the spatial-
discriminative function of the vision in adults. p. 60.
Khachatov, T. P., Mongolov, V. D. - Study of the visual
search under the conditions of different density of
signals in the information field. p. 68.
Fomenko, L. M. - Some data on the stability of per-
ceptive attention in adults. p. 72.
Kobor, E. - On the problem of perceptive possibilities
in man. p. 77.
Lomon, B. F. - Perception of lines in connection
with some chronometric characteristics in man.
p. 84.
Khachatov, T. P., Lomon, B. F. - Individual
characteristics of line perception and of reactions
to a moving object in children of 10-12 years of age.
p. 94.
Shendrik, V. F., Ivanovskii, L. T. - Electroenceph-
alographic adaptation of the rhythm of flickering
light to a state of relaxation. p. 97.
Il'in, E. P. - Subjective evaluation of stimulants of
different intensity in man. p. 102.
Petrushchik, V. I. A. - Some regularities in the con-
struction of the sensitive action. p. 109.
Besa, M. A. - Study of sex-related differences in the
motor activity of the age of 12-13 years. p. 110.
Orlovskaya, L. A. - Changes in the characteristics in
motor asymmetry as an age-related background and
under the conditions of loads. p. 118.
Ivanova, V. A. - Age- and sex-related precision of hand
movements under conditions of changing positions
of the body. p. 122.
Klavina, I. - Changes in the motor characteristics
under conditions of loads on the vestibular appara-
tus. p. 128.
Dushabev, S. R. - Latentization of the sides of the
real body. p. 131.

LENDINGRAD, UNIVERSITET, Vestnik [UNIVERSITY,
Review]. Vol. 22, no. 22, Dec. 1968. Ekonomika.
Filosofia. Pravo. [Economics, philosophy, law] no. 4.

- Table of contents translated:
Mokhov, M. A. - Some problems of developing produc-
tion and social relations in the Soviet village. p. 8.

Abramov, V. M. - The bones under the constitution of
socialist production relations, some problems.
p. 16.

- Talagim, M. V. - Dynamics of profit margin in the
U.S.S.R. industry, 1958-1967. p. 21.
Grebennikov, P. I. - Formation of incentive funds in
enterprises operating on a business basis. p. 31.
Demin, A. A., Titul'panov, A. I. - Dynamics of the
of labor in present-day capitalism. p. 34.
Kasakovich, T. A. - Purpose and freedom. p. 36.
Tranov, I. U. M. - A. V. Lunacharskii, as a social
propagandist of Marxist atheism. p. 38.
Mikhalevskiy, S. G., Shilakhovskiy, G. P. - Role of inter-
nal and external contradictions in the development of
the new quality. p. 68.
Lytkov, A. P. - From the history of development of
of social psychology and jurisprudence. p. 74.
Aleksandrova, M. D. - Age differences in the type of
of time. p. 80.
Lebedev, P. M., Spiridonov, I. I. - Psychological and
systemic analysis of constitutional law. p. 84.
Kharlamov, G. G. - Right to humane treatment. p. 84.
Mikhale, L. I. - Concept of truth and the evaluation of
evidence in the execution of justice. p. 88.
Derbenev, A. P. - Presenting suggestions for the
trial investigation for taking measures to the
vention of grounds and conditions leading to
the commission of crime. p. 117.
Mokhovskiy, A. M. - Specific nature of the
of the nation of matter and specific nature of
and time relations. p. 118.
Shakov, G. L. - Legal education in law. p. 119.
Dvorotnikov, I. U. I. - Creating national forms for
workers in Pakistan. p. 128.
Korneev, M. I. A. - Methodological aspects of the
of personality in the African socialist thought.
p. 130.
Kozlov, V. V. - Theoretical problems of the
of economy in the developing countries.
p. 144.

Vol. 22, no. 24, Dec. 1968. Geologiya. (Geology) [no. 24].

- Table of contents translated:
Buranov, V. F. - Genesis of hydrothermal mineral
deposition of the source of mineral waters in
in veins. p. 5.
Belikov, I. M., Ognev, V. M. - Characteristics of the
of the Precambrian regional metamorphism in the
of Asia. p. 17.
Domarev, V. S. - Problems of general metallogeny.
p. 20.
Kamsharov, S. S. - Antiquity of the metallogene-
relief of the Gorky portion of the Volga Valley
and its dynamics. p. 41.
Semenov, D. M. - Methodological problems of ge-
ography. p. 55.
Abdulla, D. - Basic stages of the Karakum Desert
(Crimean Mountains). p. 74.
Il'in, I. U. T. - Electrochemical properties of some
manganese minerals and ores. p. 81.
Kamsharov, S. S. - Mechanisms of the formation of
facies varieties in the northwestern part of the
Siberian Platform. p. 85.
Likhovitch, E. M. - Age of coal-bearing basins in the
the Transbaikalia, Tuymyr, and Kuznetsk basins. p. 91.
Mitar, P. K. R. - Sequence of the deformation in the
of the White Sea series. p. 102.
Smirnov, L. E., Orlovskiy, A. S. - Some problems
in the geographic interpretation of space photo-
graphs of the earth. p. 110.
Kryukov, Sh. - Landforms of foothill and alluvial
plains of Turkmeniya Province and present-day
their agricultural reclamation. p. 114.
Rudakovskiy, E. E. - Characteristics of the develop-
ment of vegetation of the Ob' Nodoplatina (the
some. p. 127.
Aleksandro, L. M., Frankovskiy, M. A. - Mechanisms
of the Oberevskaya Nodoplatina of the Northern
Drina. p. 135.
Alekseev, E. M. - Characteristics of the formation of
slopes in the northwestern part of the Russian
Plate. p. 147.
Viktorovskiy, D. F., Afanasev, K. V. - Mechanisms
of the formation of the Sharyay-Nera Valley
(central Kazakhstan). p. 187.
Smirnov, M. P. - Distribution of climate in the
Ladoga. p. 189.
Kordagin, A. A. - Development of hydrogeology at
Leningrad University. p. 190.
Kryukov, Sh. - On some criteria for the
assessment of stratigraphic boundaries. p. 193.
Rudakov, A. G. - Methodology of correlative
observations in boreholes. p. 198.
Kozlov, A. I. - Results and prospects of the
work of geographers. p. 199.

LIETUVOS TIESIOSI AKADEMIJA, Vilnius, Lietuva.
Seriya B. Trudy Akademii nauk Lietuvos SSR.
Seriya B [ACADEMY OF SCIENCES OF THE LITHU-
ANIAN S.S.R. Transactions. Series B]. Vilnius,
no. 2(46), 1968.

MOSCOW, MOSKOVSKIY GOSUDARSTVENNYI PEDAGOGICHESKII
INSTITUT IMENI A. I. GERTSHEMA, Uchenye zapiski
[A. I. GERTSHEM STATE PEDAGOGICAL INSTITUTE,
Studies]. Vol. 22, 1968.

- Table of contents translated:
Krylov, D. G. - Scientific and technical progress in

- dustry and changes in the work content of machine-tool operators. p. 8.
- Belkin, E. L. - Methods for raising the effectiveness of the educational process in schools. p. 27.
- Kryukov, A. M. - Small cybernetic electronic machines for pedagogic research. p. 29.
- Iyemko, M. M. - Technical aids for checking and self-checking in the study of a screw-cutting lathe in school workshops. p. 49.
- Belkin, E. L. - Organization of self-checking in stages in manual training classes in a locksmith's shop. p. 53.
- Antonov, L. P. - Developing skill in woodplaning. p. 60.
- Asosov, L. P. - Study of the properties of wood. p. 67.
- Orlov, O. M. - Use of technical drawings in manual training classes in school workshops. p. 72.
- Kryukov, A. M. - Correlation between practice in metal-working and the contents and methodology in training of machine-tool operators. p. 81.
- Iyemko, M. M. - Solving of technical problems and laboratory work as a means of training students for creative work. p. 84.
- Kryukov, A. M. - Development of efficiency promoting activities in students in industrial training at a machine manufacturing plant. p. 107.
- Larichev, S. P. - Some possible uses of technical and visual teaching aids. p. 114.
- Ischenko, V. A. - Means of perfecting vocational training in rural schools. p. 120.
- Mineev, A. M., Dolgov, A. T. - Sources of resistance which are damping torsional vibrations in motor systems. p. 147.
- Mineev, A. M., and others. - Harmonic analysis of torque in ZIL-130 engine. p. 150.
- Mineev, A. M., Dolgov, A. T., Orlov, T. K. - Errors of the optical method of measuring angles. p. 164.
- Mineev, A. M., Dolgov, A. T., Driskotis, E. L. - Analysis of free torsional vibrations of the engine-transmission system in the T-4 tractor of the Altai Tractor Plant. p. 173.
- Mineev, A. M., Dolgov, A. T., Fodakha, V. A. - Harmonic spectrum of engine torques. p. 179.
- Mineev, A. M., Dolgov, A. T. - Methods of computing damping resistances during calculation of resonant torsional vibrations. p. 188.
- Mineev, A. M., Dolgov, A. T. - Methods of estimating numerical values of damping coefficients. p. 211.
- Mineev, A. M., Dolgov, A. T. - Problems in the study of torsional vibrations in track machinery. p. 227.
- Mineev, A. M., Dolgov, A. T. - Methods in the experimental study of mechanical losses in piston internal combustion engines. p. 236.
- Mineev, A. M., and others. - Problems of strength of connecting rod bolts in diesel tractors. p. 245.
- Mineev, A. M., Dolgov, A. T., Dronov, D. M. - Some peculiarities of stress distribution in connecting rods of diesel tractors. p. 246.
- Mineev, A. M., Dolgov, A. T., Dronov, D. M. - Adoption of the method of isochronous models in the study of stresses in connecting rods. p. 253.
- Mineev, A. M., and others. - Stress study of a connecting rod with a direct coupling with the AM-62 diesel of the Altai Engine Plant. p. 264.
- Mineev, A. M., and others. - Stress study of a connecting rod with a slanting joint with the AM-62 diesel of the Altai Engine Plant. p. 282.
- Stress study of the connecting rod of the AM-74 diesel engine of the Altai Engine Plant. p. 297.
- Analysis of the strength and rigidity of the Y-shaped connecting rod of the PD-30 starter motor. p. 304.
- Mineev, A. M., Dolgov, A. T., Makarov, V. V. - Hydroplaning and its application. p. 317.
- Mineev, A. M., and others. - Measuring parameters of an electrical model in modeling torques. p. 327.
- Mineev, A. M., Dolgov, A. T., Vorona, I. U. - Modeling of tracked tractors and skid measuring methods. p. 331.
- Mineev, A. M., Dolgov, A. T., Driskotis, E. L. - Static torsion test stand. p. 357.
- Mineev, A. M., Dolgov, A. T., Raskin, A. V. - Heat exchange problems in internal combustion engines. p. 368.

No. 240, 1966. Some problems of the class struggle in the period of capitalism.

- KALCHIK, KABARDINO-BALKARSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT. Uchebye zapiski [KABARDINO-BALKAR SCIENTIFIC RESEARCH INSTITUTE. Studies]. Vol. 24, 1967.
- Table of contents translated:
- Khasarov, Kh. Kh. - Studies of folklorism in Soviet Kabardin poetry. p. 7.
- Aliev, A. - The epithet in Adyghe heroic epic poetry. p. 17.
- Trushov, L. V. - Geography of the "Mamluk". p. 28.
- Liber, L. A. - Chalkov and the Caucasus. p. 33.
- Tolstoy, E. - Characteristics of language in the works of G. Khokhlov. p. 78.
- Ngov, G. V. - Sonorization of the personal prefixes *u* and *u* in the Kabardin language. p. 80.
- Iskriyeva, G. A. - Phonetic features of the Russian dialects along the Terek. p. 111.
- Bugay, P. M. - Grammatical and lexical features of the Kabardin-Zelenchuk dialects in the Kabardin-Cherkess language. p. 121.

- Kornakova, E. I. U. - Some problems of a standard in the Kabardin-Cherkess language. p. 133.
- Mambetov, Q. Kh. - Holidays and customs of the Adyghe connected with agriculture. p. 141.
- Samogova, L. - Dances of the Adyghe. p. 150.
- Antier, S. M. - From the poetic legacy of the Adyghe. p. 150.
- Oprysko, O. L. - Old calendar systems of the Kabardin and Balkars. p. 161.
- Tshilov, G. G. - Characteristics of the book trade in the Kabardin-Balkar A.S.S.R. p. 215.
- Kochiar, L. - New material on Budin. p. 221.
- Belousova, L. I. - Expression of time relations by prepositional case constructions with the preposition "in" in modern German. p. 232.
- Trushov, L. V. - History of folklorism of the peoples of the Soviet Union. p. 248.
- Melov, A. Kh. - Origin of the word "kiche (shil)" - "god". p. 251.
- Bykova, P. B. - Study of means of sonorization. p. 258.
- Kashkova, T. - Defense of dissertation on problems of the Kabardin-Cherkess language. p. 261.
- I. T. - On the 50th anniversary of the October Revolution. p. 264.

NOVOGORODSKIY GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchebye zapiski [NOVOGOROD STATE PEDAGOGICAL INSTITUTE. Studies]. Murgorod, vol. 10, 1966.

PERM. PEDAGOGICHESKIY INSTITUT. Uchebye zapiski [PERM PEDAGOGICAL INSTITUTE. Studies]. No. 46, 1966. Literature.

PERM. UNIVERSITET. Uchebye zapiski [UNIVERSITY. Studies]. No. 123, 1966.

No. 170, 1967. Ailavny [Ailavny] no. 1.

- Table of contents translated:
- Baklov, V. L. - Some characteristics of the formation of fluvial alluvium. p. 2.
- Osovskiy, B. M. - Geochemistry and an outcrop of a heavy fraction of recent alluvium of the Vytka River. p. 12.
- Osovskiy, B. M. - Accumulation of heavy minerals on the fluvial flood of the Vytka River. p. 27.
- Osovskiy, B. M. - Size of heavy minerals of Holocene alluvium in the lower Vytka Valley. p. 34.
- Korobalova, F. A. - Comparative characteristics of the fragmental parts of some rocks of the western slope of the Urals. p. 68.
- Kropachev, A. M., Kropacheva, T. E. - Metagenetic changes in siliceous gravel-sand sediments. p. 76.
- Shimakovskiy, I. A. - Secondary processes in the formation of alluvium caused by the activity of underground waters. p. 80.
- Kropachev, A. M., Kropacheva, T. E. - Sorption of minor elements (actinides) by Devian aqueous solutions of finely dispersed clay sediments. p. 92.
- Sergeev, I. P. - Relative deformations of the longitudinal profile of the Bay River. p. 97.
- Vredenskaya, M. V., and others. - Ancient valleys and alluvial sediments in the middle Kama Valley. p. 104.
- Isaev, I. K., Osovskiy, B. M., Thar, V. M. - Study of the process of forced differentiation of gold placer sediments using a screw-type elutriator. p. 121.
- Isaev, B. A., and others. - Find of small diamonds and moissanite in the Valshe diamond region. p. 121.

PSKOV. GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchebye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 13, 1967.

- Table of contents translated:
- Kasimov, I. U. L. - Preparation for the organization of a Pioneer detachment and its guidance at the first stages of its existence. p. 8.
- Doklady, A. G. - Economic considerations, the way to develop activity and independence in students of senior classes. p. 21.
- Iurov, S. L., Iureva, T. A. - Transition from non-religious to antireligious education of students in senior grades. p. 22.
- Shinder, A. V. - Family relations of youth and parents and means of their development. p. 47.
- Dikareva, A. I. - Out-of-class work in the development of a communist world view and culture in students. p. 55.
- Lerts, A. P. - The essence of independence and its significance. p. 68.
- Doklady, M. P. - Independent work in botany classes. p. 80.
- Sorokin, P. A. - Formation and development of spatial concepts in students on the basis of generalization of material inclinations of elements of geometrical figures. p. 80.
- Sorokin, P. A. - Development of spatial images in older schoolchildren. p. 114.
- Lokshin, V. I. A. - Interrelation and interdependence of near, intermediate and far prospects in the development of a school community. p. 127.

RYKAM. GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchebye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 12, 1966.

Contents: [Oral folklore of Rykham Province] Uchebnye narodnye tvorcheskiye Ryskhamskiy oblasti. 116 p.

SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIYA, 1956-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1956-1958. Information Bulletin]. Leningrad, no. 70, 1964.

- Table of contents translated:
- Korotkevich, E. S. - Area of the ice-free territory of Antarctica. p. 5.
- Kogan, A. L. - Subglacial relief and some geological characteristics of underlying rocks along the route Molodetskiy-pole of relative inaccessibility. p. 7.
- Ustakov, S. A., Glikman, G. E. - Structure and origin of the South Arc. p. 14.
- Bavio, M. G., Krylov, A. I. A. - Comparative characteristics of some rocks of the coastal mountains of the central part of Chile and the Antarctic Peninsula. p. 21.
- Krupokin, I. U. A. - General classification scheme of the relief of shelf ice of Queen Maud Land. p. 23.
- Koblenz, I. A. P. - Movement of the glacier in the Mirny region. p. 23.
- Drinskii, V. M. - Twilight effect of absorption of the polar cap absorption type based on observations in the Antarctica. p. 28.
- Khodak-Akhmedov, Ch. L. - Polar cap absorption type in Antarctica, January-February, 1957. p. 41.
- Kris, A. E. and others. - Microbiological studies of Ghibokoye Lake near Molodetskiy Station. p. 44.
- Karasev, V. M. - Emperor penguins in the region of the Mirny Observatory. p. 49.
- Ponomarev, V. M., Likhitskiy, I. I. - Pulmonary ventilation capability as an index of the state of acclimation which provides the ability to work under extreme conditions of Antarctica. p. 53.
- Pogorelov, S. G., Shapovalov, V. A. - Research vessel "Professor Viss". p. 54.
- Sekunov, G. G. - Practice in using electronic potentiometers for recording the components of radiation balance in Antarctica. p. 73.
- Deep drilling of ice cover at the Byrd Station. p. 79.
- By radio from the Antarctica. p. 81.
- "Auro-saur" of Antarctica. p. 82.
- Shpalder, A. O. - Giant iceberg in Lützow-Holm Bay. p. 83.
- Bibliography. p. 84.

SVYDLOVSK. OBLASTNOY KRAEVEDCHESKIY MUSEY. UCHENIY SOVET. Doklady na seshakh Uchenogo soveta [PROVINCIAL MUSEUM OF LOCAL HISTORY RESEARCH COUNCIL. Reports made at the sessions of the Research Council]. No. 3, 1966.

- Table of contents translated:
- Kalashnikov, V. I. - Harvest at industrial enterprises of Urals in the 1950's and 1960's. p. 2.
- Kozlov, A. G. - The Urals, the homeland of the inventor of the radio. p. 29.
- Kirovskiy, I. A. M. - From the Urals to Chongur via Siberia. p. 44.
- Vasiliev, M. M. - History of the development of public education in Urals during the first five-year plan. p. 75.
- Arkhypova, M. P. - Brief history of Soviet studies on the physical geography of the Urals. p. 81.
- Kozlov, A. G. - Alexander Benckhoff in the Urals. p. 128.
- Moiseyeva, A. I. - Campaign against the General Dotsy forces. p. 138.
- Kozlov, V. M. - From Kuyash to Mikhaylov Tagil. p. 131.
- Terslav, A. M. - The medical service of the First Kamyshlov Rifle Regiment. p. 137.

TARTU. ÜLIMKOL. Toimikohed. Uchebye zapiski Tartuskoogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 123, 1966.

TASHKENT. UNIVERSITET. Uchebye zapiski [UNIVERSITY. Studies]. No. 201, 1966. Biology and Agriculture.

TOMSK. UNIVERSITET. Trody [UNIVERSITY. Transactions]. No. 84, 1966. Problems of literature and language; collection of articles of graduate students.

VLADIVOSTOK. DAL'NEVOSTOCHNIY UNIVERSITET. Uchebye zapiski [FAR EASTERN UNIVERSITY. Studies]. No. 10, 1966.

6. POPULAR MAGAZINES

ASIA I AFRICA SEGODNIA [ASIA AND AFRICA TODAY]. Edited by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, no. 1, Feb. 1964.

- Table of contents translated:
- Basilev, A., Guskov, I. U. - Center of Soviet Oriental studies. p. 2.
- Veslov, V. - International contacts of Soviet Orientalists. p. 4.
- Ivanov, K., Demestev, I. U. - Development of nations in developing countries. p. 6.
- Lavrovskiy, A. - Foreign trade in the third world. p. 8.
- Rosov, V. - Threat from the Republic of South Africa. p. 12.
- Posilov, V., Usov, G. - End the legacy of colonialism. p. 14.
- Iordanov, V. - Leaders and the people. p. 18.
- Baklov, B. - Along dark paths. p. 20.

B 16-20
Kroftov, M. - De Bala, the critic of Europeanism, p. 22.
Ossala from Afghanistan, p. 28.
Karpulskiy, M. - True to the "spirit of Tashkent," p. 24.
Mikhajev, A. - Mutual understanding, p. 27.
Mikhajev, A. - Traditions and innovation, p. 20.
Sovetskaya Ural, - Together with friends, p. 30.
Gavrilov, R. - The meaning of our work, p. 31.
Alimov, Chingiz, - Problem of bilingualism, p. 32.
Daily life of literary Africa, p. 34.
Kashkova, R., Solov'ev, O. - With Khazarskaya writers, p. 36.
Gavrilov, R. - In the backwoods of Senegal, p. 44.
Kashkova, R. - In refugee camps, p. 47.
Brazov, V. - Distort and not Arab, p. 48.
Dmitriy, L. - In the Dnieper region, p. 52.
Gavrilov, O. - Vanguard of labor unions, p. 54.
Petrashov, M. - The word "Tashkent," p. 57.
Vot'kov, L. - Iraqi national costume, p. 64.

RAKYNOK (PENGWILL). Issued by Tsentral'nyi komitet Lesnogo khozyaystva i komsomolskogo uchastka i Respublikanskaya rada Vsesoyuznogo pionerskogo organizatsionnogo tsentra V. I. Leninga [Central Committee of the Ukrainian Communist Youth League of Leningrad and the Republic Council of the All-Union Lenin Pioneer]. Kiev, no. 1, Jan. 1968.

BIBLIOTEKA ZHURNALA "SOVETSKIY VOIN" [LITTLE LIBRARY OF THE JOURNAL "SOVIET WARRIOR"]. Moscow, no. 16, 1968.

BIBLIOTEKA "ODONK" [LIBRARY "THE LITTLE LIGHT"]. Moscow, nos. 44-48, 49, 1968.

DADYIS (TURTLE). Riga, no. 94/158, 1968. [In Latvian].

BOYUD, zhurnal plastovogo sovetskogo [BE PREPARED; Journal for Plast Youth]. Issued by Plast, Inc. New York, no. 3(144), Mar. 1968.

HUTULIYA (HUTULIYA). Issued by Ukrainian National Museum. Chicago, vol. 1, nos. 1-3, Winter-Summer, 1967.

KHOPORSTAK (HODOKHOG) Dushanbe, nos. 53-54 (287-306), Dec. 1968. [In Tajik].

KIFAI (CHINA). Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 12, 1968.

KOKARONKHI OMDARSTVYENNYI PRIDACHONCHENSKIY INSTITUT Uchenye zapiski [KOKARONKHI STATE PEDAGOGICAL INSTITUTE. Studies]. Tashkent, no. 6, 1968.

MOYER (CAMPIRE). Issued by Tsentral'nyi komitet Vsesoyuznogo Lesnogo khozyaystva i komsomolskogo uchastka i Respublikanskaya rada Vsesoyuznogo pionerskogo organizatsionnogo tsentra V. I. Leninga [Central Committee of the All-Union Communist Youth League of Leningrad and the Republic Council of the All-Union Lenin Pioneer]. Moscow, no. 13, Dec. 1968.

KROKODIL (CROCODILE). Issued by gazeta [Newspaper]. "Pravda," Moscow, no. 1(1008), Jan. 1968.

KULTUR JA KIU [CULTURE AND LIFE]. Issued by Eesti Riiklikultuurilise ja Eesti Riikliku Ameerika-Moldavi Muuseumi [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 12, no. 1, Jan. 1968. [In Estonian].

MURKILKA. Issued by Tsentral'nyi komitet Vsesoyuznogo Lesnogo khozyaystva i komsomolskogo uchastka i Respublikanskaya rada Vsesoyuznogo pionerskogo organizatsionnogo tsentra V. I. Leninga [Central Committee of the All-Union Communist Youth League of Leningrad and the Republic Council of the All-Union Lenin Pioneer]. Moscow, no. 12, Dec. 1968.

MYI SVYT, WE AND THE WORLD Toronto, vol. 30, no. 146, Jan.-Feb. 1969.

RANOK (MORNING). Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 16, no. 1, Jan. 1968.

NOBYE DALI [BELOVED VISTAS] Bollywood, Calcutta, vol. 16, no. 179, Feb. 1968.

NOVYKH (CONTEMPORARY). Issued by TsK VLKSM i komitet molodezhnykh organizatsiy SSSR [Central Committee of the All-Union Communist Youth League of Leningrad and the Committee of Youth Organizations of the U.S.S.R.]. Moscow, vol. 7, no. 9, Sep. 1968.

SEIKEL' (BUMBLES). Alma-Ata, vol. 13, no. 15(158), Dec. 1968.

SEYMENIA LKONITE [LIONNET SPARK]. Issued by Moldaviya Communist Youth League of Leningrad. Kishinev, vol. 34, no. 11, 1968. [In Moldavian].

SOVREMENNAYA MONGOLIA [CONTEMPORARY MONGOLIA]. Ulaan Bator, vol. 13, no. 12(121), Dec. 1968.

SPUTNIK. Issued by Agencija pechati Novosti [Novosti Press Agency]. Moscow, nos. 1, 4, 1967 no. 1, 1968.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radnaya Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 20, nos. 46-60 (521-534, 534), Dec. 1968.

URALSKIY PLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskaya oblasnaya shkola plastov i Sverdlovskiy protyazhenniy i s'ed'niy otzov VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Leningrad]. Sverdlovsk, vol. 11, no. 12, 1968.

VSEKIX I LER [TWENTIETH CENTURY AND WORLD PEACE]. Organ of Sovetskii komitet zashchity mira [Soviet Peace Committee]. Moscow, nos. 8, 10-12, 1968, no. 1, Jan. 1969.

VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, vol. 30, no. 12, Dec. 1968.

VOSKHAITY [PIONEER GUIDES]. Published by Tsentral'nyi komitet Vsesoyuznogo Lesnogo khozyaystva i komsomolskogo uchastka i Respublikanskaya rada V. I. Leninga [Central Committee of the All-Union Communist Youth League of Leningrad and the Republic Council of the All-Union Lenin Pioneer]. Moscow, vol. 48, no. 12, 1968; vol. 49, no. 1, 1969.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

KITABLAR ALAMIDA [IN THE WORLD OF BOOKS]. Issued by Komitet po pechati pri Sovetskom Ministerstve Azerbaidzhanstani SSR i Ministerstvo kul'tury Azerbaidzhanstani SSR [Committee on Printing of the Council of Ministers of the Azerbaijan S.S.R. and Ministry of Culture of the Azerbaijan S.S.R.]. Baku, no. 4(10), Oct.-Dec. 1967. [In Azerbaijani].

KNESHMAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 2, 1969.

LATVIJAS PER PRIEKSES HROMIKA. LETOPIS' PIRCHATI LATVIJAS S.S.R. [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PRR graminu palata [Book Chamber of the Latvian S.S.R.]. Riga, no. 6, Aug. 1968.

LETOPIS' RITBERGHI [CHRONICLE OF REVIEWS]. Published by Knyazkova palata Ukrainy [Book Chamber of the Ukrainian S.S.R.]. Kharkov, no. 11, Nov. 1968.

MAIPOS KNYGOS [NEW BOOKS]. Vinnitsa, no. 12(72), Dec. 1968. [In Lithuanian].

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVAIA LITERATURA PO YUGOSLAVIY [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVAIA LITERATURA PO POL'NE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVAIA SOVETSKAYA I DROVTRONAYA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVAIA SOVETSKAYA LITERATURA O NAUKI I NAUCHNO-ISLEDOVATEL'SKOE RABOTN V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVYE KNIGI 1968 [NEW BOOKS OF THE YEAR 1968]. Issued by Vsesoyuznoye obshchestvennoye izdatel'stvo knizhnykh [All-Union Association "Publishing House"] Moscow, no. 2, Jan. 1968.

NOVYE KNIGI ZA RUBEZHIOM. Seriya V. Biologiya, Meditsina, Agrarnaya [NEW FOREIGN BOOKS. Series V. Biology, Medicine, Agriculture]. Issued by Izdatel'stvo inostranoy literatury [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 12, Dec. 1968.

NOVYE KNIGI ZA RUBEZHIOM NO (NOVYE SVETI) MAUKAM, ekonomika, filologiya, iazykovedeniye, rodye otnosheniya [NEW FOREIGN BOOKS (NEW LIGHTS) SOCIAL SCIENCES; Economics, Philology, Family International Relations]. Published by Izdatel'stvo inostranoy literatury [Publishing House of Foreign Literature]. Moscow, vol. 11, no. 12, Dec. 1968.

SOVETSKIY BULLETEN' NOVIKH IZVESHCHENIY POSTUPIVSHIKH V BIBLIOTKHU SSSR [SOVIET BULLETIN OF NEW INFORMATION RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, no. 8(101), 1968.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosstatizvedeniya bibliotek i knizhnits V. I. Leninga [State Library of the U.S.S.R.]. Moscow, no. 27, 1968.

Table of contents translated
Dmitriyev, M. K., Shkolova, E. N. - Library work in Soviet Kazakhstan, p. 1.
Kuznetsov, P. R. - Library work in the U.S.S.R., p. 2.
Tallava, R. O., Rodenko, E. A. - Library work in Tajikistan during the 1960s, p. 3.
Nasriddinov, I. N. - Role of republic libraries (A. S. R.) in the organization of work in the field of local history literature, p. 4.
Shkolova, V. V. - Organization of library work in the U.S.S.R., p. 5.
Likhovitskaya, L. V. - Coordination of library work in a province; work experience in the southern regions of the Ukraine, p. 6.
Zotova, R. Z. - Ways of centralizing library work under modern conditions, p. 7.
Pshadovskiy, V. V. - Work of libraries in the U.S.S.R. under conditions of centralization, p. 8.
Likhovitskaya, L. V. - System of centralization of library work in action, p. 10.
Gelpov, L. P. - Universal scientific library: a system of the nationwide system of scientific libraries. Introduction to the problem, p. 11.
Pepelkin, B. E. - Informational work in the library of the Latvian S.S.R., p. 12.
Brief news on preparations for the 1969 Soviet rule, p. 130.

BIBLIOTKOVEDENIE I BIBLIOTKARNAYA PRAKTIKA [LIBRARY SCIENCE AND BIBLIOTHECARY PRACTICE]. Issued by Gosstatizvedeniya bibliotek i knizhnits V. I. Leninga [State Library of the U.S.S.R.]. Moscow, no. 24, 1968.

Table of contents translated
Bokhanov, E. R. - Centralized classification of library collections. Some problems concerning the theory, p. 1.
Dafinov, Z. - Some problems in the organization of work of libraries of institutions of higher learning, p. 2.
Koval, B. - New objectives of library science and bibliography, p. 4.
Skidaryon, K. - Public libraries in the U.S.S.R.: development of the audio-visual library, p. 5.
Viginskaya, M. - Cooperation among the libraries of institutions of higher learning in Poland, p. 6.
Medvedev, N. B. - Children's libraries in the U.S.S.R., p. 7.
Bakhratseva, L. V., Medvedev, N. B. - Meetings of Polish and Soviet librarians in the U.S.S.R., p. 8.
Fonotov, G. P. - Soviet libraries in the U.S.S.R. and the Republic, p. 9.

LITUVOS TER AUGSTUJU MOKYTOJU BIBLIOTEKOS BAI BIBLIOTKININKYSTES TRIMESTIKINIS KLAUSIMAI. Nuo knygos trudy vyseikto knygoviedini Lietuviu SSR Voprosy bibliotekovedeniya i bibliografi [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R. PROBLEMS IN LIBRARY SCIENCE AND BIBLIOGRAPHY]. Vinnitsa, vol. 8, 1968.

c. PRINTING & THE BOOK TRADE

RAZPROSTRANENIE PIRCHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavizdat [Main Administration of the Ministry of Culture of the U.S.S.R.]. Moscow, no. 11, Nov. 1968.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFI
[NEW FOREIGN LITERATURE ON PHILOSOPHY]
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 11, 1968.

b. RELIGION

LYUDYA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannya" Ukraini iud RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 1(100), Jan. 1969.

NOVAIA SOVIETSKAYA I INOSTRANNAIA LITERATURA PO VOPIROAM ATIZMA I RELIJI [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVOE V ZHIZNI, NAUKI, TEKHNIKE. Seriya "Izvestiya o religii" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Natural Science and Religion" Series]. Moscow, nos. 9, 11-12, 1968.

NOVOE V ZHIZNI, NAUKI, TEKHNIKE. Seriya "Filosofia" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Philosophy" Series]. Moscow, no. 10, 12, 1968.

NAHA THERYA [OUR BELOVED CHURCH]. Issued by Bolshaya knozhnyy tsentyr Ukraini iud RSR [Large book center of the Ukrainian S.S.R.]. Kiev, vol. 18, no. 77, Jan.-Mar. 1968.

RUBINO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Metropolicheskii okrug Russkoi Pravoslavnoi Tserkvi v Amerike [Metropolitan district of the Russian Orthodox Church in America]. New York, vol. 58, no. 1, Jan. 1969.

SVITLO. THE LIGHT. Issued by O.O. Vasylyuk [The Book of Light]. Toronto, vol. 33, no. 8(554), Feb. 1968.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 18, nos. 11-12, Nov.-Dec. 1968.

UKRAINSKII PRAVOSLAVNYI SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bend Brook, M.J., vol. 30, nos. 2-3, Feb.-Mar. 1969.

TEKHNIKE [THE ETHERNAL]. Paris, no. 19(233), Dec. 1968.

4. HISTORY

a. GENERAL

AKADEMIA NAUK ARMIAVSKOI SER. Erivan. Istoriiko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Historical and Philological Review]. Erivan. Bibliograficheskii sbornik, 1968-1969 [Bibliographic Index, 1968-1969].

KALENDAR' REMENNYKH I PAMIATNYKH DAT [CALENDAR OF REMINISCENT AND MEMORABLE DATES]. Issued by Institut "Sovetskaya Rossiya" i Gosudarstvennaya publikatsionnaya istoricheskaya biblioteka RSPR ["Soviet Russia" Publishing House and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. 13, no. 12, 1968.

LYOV, UNIVERSITET. Vsesy. Seriya letopisnykh [UNIVERSITY. Review. Historical Series]. No. 4, 1967. Problems in the history of the Ukrainian S.S.R. Table of contents translated: Solov'yeva, T.H. - Efforts of the laboring classes of Lvov to carry out the nationalization of industry, September-December 1839. p. 3. Pramenko, L.A. - Development of education in the western provinces of the Ukrainian S.S.R. during the Soviet regime. p. 11. Tyshko, O.H. - How the Lvov proletariat fought at the barricades in April 1936. p. 31. Osechynsky, V.K. - Role of the Social Democratic Party of Galicia in the revolutionary movement of the period of imperialism. p. 39. Belsky, L.I. - Policy of Polish bourgeois and

landowning leaders in eastern Galicia, August 1914-July 1918. p. 44. Tovyshko, L.A. - Ivan Franko on the class nature of issues in Galicia, the 1870's and 1890's. p. 52. Martynuk, H. H. - Historical concepts of D. Zubryts'kyi. p. 63. Klia, L.A. - Textile manufacturing based on hand labor in Galicia, second of the 18th century-first half of the 19th century. p. 71. Iukin, V.F. - Development of feudal rent on the crown lands of the Sambor region in the second half of the 18th century and the early 17th century. p. 79. Dells, O.H. - Problems of the Marxist methodology of history in Dmitriy Bogachev's works. p. 93.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 1968.

NOVOE V ZHIZNI, NAUKI, TEKHNIKE. Seriya "Izvestiya o nauke i tekhnike" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Science and Technology" Series]. Moscow, no. 12, 1968.

ZHIZN' KAMECHATEL'NYKH LIUDEI. Seriya biografii [LIVES OF EMINENT PERSONS. Biographic series]. Moscow, no. 9(433), 1968.

b. ARCHAEOLOGY & ANTIQUITIES

SOVIETSKAYA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1968.

Table of contents translated: Bratsov, A.I.A. - Problem of the origin of cultures of the Stone Age in the northern part of the European U.S.S.R. p. 1. Melnikov, P.A., Monachev, B.M., Martynov, L.G. - Metallurgy of the Ancient Caucasus. p. 16. Artyukov, M.L. - Origin of Scythian art. p. 27. Okladnikov, A.P. - Prehistoric art of the peoples of the Amur Valley; petroglyphs at the Klyu and Ussuri Rivers. p. 44. Trifolov, P.M. - The Karabai culture and the Slavs of the Dnieper Valley. p. 54. Kyslov, L.R. - Khazari on the old Khazars state. p. 60. Trifolov, A.V. - Cultural relations between the Murviki and Venediki in the 13th-14th centuries. p. 71. D'ko, M.A. - Unity of pre-Mongolian Russian architecture. p. 87. Datskov, M.M. - Classification of glazed pottery in the towns of the Golden Horde. p. 94. Kleimberg, L.E. - The Mogorod wares from the 13th century. p. 110. Shchuk, K.K., Fedorov, B.G. - Chronological exploration of the Mogorod ware. p. 124. Klia, L.S. - Typical procedures in modern criticism of the Mogorod ware. p. 134. Klein, L.S. - On the 70th birthday of M.L. Artyukov. p. 141. Boriskovskii, P.L. - On the 80th birthday of A.P. Okladnikov. p. 147. Viktorov, V.D. - Sogorod ware site of the Mogorod and Bronze Ages of the central trans-Ural region. p. 148. Fedorov-Davydov, G.A., Trifolov, A.V. - A settlement of the Bronze and Early Iron Ages in Mordovia. p. 174. Burdakov, M.P. - Sculptured glass vase from Egypt. p. 181. Trifolov, G.A. - A golden pectoral from Arsenyev (Armenia). p. 190. Akhmedov, R.B. - The Tanga-Tash rock in Bashkiria. p. 194. Ryndak, A.V. - An Islamic cameo of the 13th century portraying the Mother of God of Odigitria from Mogorod. p. 206. Vidorov, G.L. - Frescoes in the Sogorod-Predobroshchinskii Cathedral at Puzoski-Kalozskiy. p. 217. Malenkov, V.A. - Chemical study of archaeological pigments. p. 224. Feder, O.H. - In memory of Boris Sergeevich Kozlov. p. 234. Klia, L.S., Trifolov, P.M. - In memory of Vasilii Ivanovich Smirnov. p. 239. Melnikov, I.U.A., Fedoseeva, S.A. - A Paleolithic site in the Ukraine. p. 244. Oshchinsk, S.V. - Bone hilfs from the late Karabai sites. p. 248. Khlobystina, M.D. - Once more on one Khazarsk site. p. 263. Lasev, L.A. - A Sogorod ware plate from the Kama Valley. p. 264. Burdakov, M.P., Nezhnev, T.B. - Dating examples of the Chernyakhov culture by the archaeomagnetic method. p. 268. Rosendyuk, A.L., Shchuk, K.K., Danashina, T.M. - Study of metal articles from excavations in the Central Ural region. p. 283.

B 3a - 3a

Solov'yev, L.N., Pichalka, V. - M.M. Trupetskiy obitay. p. 304.

5. SOCIAL SCIENCES

a. COMMERCE

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Sotse pozhitel'skikh obshchestv Kazakhstana RSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 11, no. 11, Nov. 1968.

NOVOE V ZHIZNI, NAUKI, TEKHNIKE. Seriya "Transport" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Transportation" Series]. Moscow, no. 8, 1967; no. 10, 1968.

PROBLEMY INZHENERNOI PSIKHologii [PROBLEMS IN ENGINEERING PSYCHOLOGY]. Issued by Seriya "Psikhologiya i kibernetika" Nauchnogo soveta po kibernetike pri Presidiume Akademii nauk SSSR [Section "Psychology and Cybernetics" of the Research Council of Cybernetics Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Leningrad, no. 4, 1968.

Table of contents translated: Krylov, A.A., Pashonov, A.F. - Problem of the "Carrying capacity of an operator." p. 1. Kozlov, G.A. - Random control of activity by reception of information under conditions of alternative selection. p. 18. Gubinskii, A.L. - Methods for determining the criteria of reliability of decisions using experimental data. p. 34. Kramov, M.A. - Prospects for determining the characteristics of man-operator using automatic control theory techniques. p. 46. Telengat, E.B. - Determination of the dynamic characteristics of an operator using the harmonic analysis method. p. 47. Kramov, E.L., Gorkova, M.M. - Experimental determination of the control function of an operator during the control of a dynamic object. p. 53. Lyubskiy, V.M., Lomov, B.F. - Study of a transient process in the self-learning of man in the stage of the conversion of operations. p. 54. Litvak, L.I. - Some results of the evaluation of the discernibility and readability of electrochromatic display units. p. 68. Kovalova, M.D., and others. - Use of paravision sight in controlling the parameters of flight. p. 86. Kefin, P.A., Lomov, B.F. - Use of artistic means in architectural composition for regulating visual perception. p. 93. Vekker, L.M., Sertov, E.M. - Relationship of structure and of the localization of sensor and motor fields in controlling operations. p. 108. Kondrat'ev, V.P. - Symbolic form of the registration of algorithms for the operation of an operator. p. 118. Filippov, A.V. - Training for work on keyboard setting and writing equipment using the touch method. p. 130. Gellerstein, G.G. - Actions based on anticipation and prospects for modeling them in an experiment. p. 143. Egorov, A.S. - Problems concerning the so-called motor systems. p. 154. Egorov, A.S. - Special features of the reaction of selection under conditions of system replacement. p. 157. Krylov, A.A., Pashonov, A.F. - Dependence of the duration of a simple human sensor-motor reaction on the time interval of the separating signal. p. 163. Shatrov, P.G. - Evaluation of psychological features of the operator of a "man-machine" system. p. 171. Orshenko, V.F., Volkov, A.A., Mal'nik, G.G. - Use of a polyfactor method in evaluating psychological features of an operator in a "man-machine" system. p. 177. Gensin, A.A., Karabovskii, G.M. - Automation of the diagnosis of the functional states of the organism using electroencephalographic data. p. 184. Malenkov, V.A., Syrov, V.P. - Modeling of constant characteristics during their cognition. p. 200. Parachev, A.M. - Problems in the modeling of an associative memory. p. 210. Parachev, A.M. - Modeling of the reasoning process. p. 222. Varski, B.V., Sapagin, V.F. - Comparison of the results of cognition by a human and a stable cognitive automation. p. 234. Belskii, V.F. - Psychological analysis of prospects for the automation of a decoding process. p. 244. Gorbov, F.D. - Experimental group psychology. p. 251. Lasev, V.A., Gensin, G.L. - Logical and operational study of the activity of an operator. p. 258. Lasev, V.A. - Elements of the logic of reflexive games. p. 272.

E. ECONOMICS

- ECONOMIKA I MATEMATICHESKIE METODY** [ECONOMICS AND MATHEMATICAL METHODS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 6, Nov.-Dec. 1968. Table of contents translated:
- Lor's, A. L. - Linear prediction based on an equation in the case of errors in the variables, Markov self-correlation, and the disturbances being dependent on the variables. p. 843.
- Mikhalevskii, B. M. - Durable goods in the system of optimal planning: a simplified model. p. 861.
- Kisilevskii, A. L., Mikhalevskii, B. M., Ovtchenko, I. V. - Durable goods in the system of optimal planning: a simplified model. p. 861.
- Krasovskii, B., Ribard, P. - Generalized dynamic model of an economic system and its use in planning. p. 871.
- Ternitskii, A. G. - National accounts and statistical planning. p. 886.
- Beauchamp, V. F. - Method for solving problems of the distribution of enterprises with large size initial estimates. p. 894.
- Gorobunov, I. V., Davidovich, N. B. - Some conditions of the parallel work of equipment in the system of information processing. p. 908.
- Idin, D. B. - New approaches to stochastic programming. p. 907.
- Gorobunov, I. V., Davidovich, N. B. - Continuous dependence on the parameter of a set of solutions of a minimax problem. p. 920.
- Krasovskii, A. L. - Generalization of Fibonacci search for multi-dimensional cases. p. 931.
- Gorobunov, I. V. - Methodology of developing a model of current planning for the production program of a refinery. p. 941.
- Kurlyand, L. S. - Incentive funds and providing efficient economic incentives for enterprises. p. 944.
- Krasovskii, B. B. - Method for solving a class of single-product problems of production development. p. 953.
- Plamov, V. M. - Some characteristics of studying a long-range demand for durable goods: an example of television sets. p. 958.
- Pollak, I. G. - Calculating statistically dependent operations in the network models of work. p. 966.
- Plamov, V. M. - Algorithms for solving a nonlinear transportation problem. p. 973.
- Frenkel, F. D., Shul'ga, I. N. - Determining optimal work regimes in the service systems on the basis of minimum costs. p. 984.
- Abramovich, V. G. - Synthesis problem for a linear object in the case of quadratic functional. p. 988.
- Abramovich, V. G., Duvinskii, M. M. - Summer school for mathematical programming in Alma-Ata. p. 971.

ECONOMIKA STROITELSTVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosstatizdatstroy [State Statistical Administration of the Ministry of the U.S.S.R. for Construction]. Moscow, vol. 10, no. 12, Dec. 1968.

- Table of contents translated:
- The estimated price reform in construction. p. 3.
- Vasil'eva, V. - Carrying out Lenin's instruction. p. 8.
- El'tser, D. - Labor wages of construction workers of Moscow. p. 12.
- Lisa, S. - Payments for a construction project and the reform. p. 17.
- Dragova, B. - One's own working capital should be provided for the unfinished construction. p. 26.
- Krasovskii, B. - Getting ready for work in the new way. p. 32.
- Karasev, A. - The economic service before the reform. p. 25.
- Shelst, V., Rybak, I., Mikhailov, V. - State guidelines in the work of laboratorians. p. 37.
- Alakun, V. - Popularity and efficiency are the main thing. p. 40.
- Kosolovskii, D. - The present and the future of the network schedule graphs. p. 31.
- Korotchev, V. - The economic reform and business accounting within a firm. p. 34.
- Brodeur, B., Roman, A. - In the struggle for profitability. p. 41.
- Artyukov, P., Melnikov, S., Tikhonov, V. - Validity of surveys in the basis of success. p. 44.
- Goncharov, L. - Warehouse construction should be economically justified. p. 48.
- Novitskii, M. - The expenditures will pay for themselves. p. 50.
- Gorobunov, I. - More on the undervalued equipment. p. 52.
- Itin, V., Shalnev, V. - How to reduce surplus. p. 54.
- Blak, L. - Prospects for developing construction equipment. p. 54.
- Apel'ko, L. - In defense of wooden structural elements. p. 54.
- Readers ask. p. 61.

FIATFELIA SSSR [PHILATELY OF THE U.S.S.R.]. Organ of Ministerstvo svyazi SSSR and Vsesoyuznoye obshchestvo filatel'istov [Ministry of Communications of the U.S.S.R. and the All-Union Society of Philatelists]. Moscow, vol. 3, no. 10, Oct. 1968.

NOVAYA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademi nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 10, 1968.

PLANOVOE KHOSYAYSTVO [PLANNED ECONOMY]. Issued by Gosplan SSSR and SSSR SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.]. Moscow, vol. 46, no. 2, Feb. 1969.

- Table of contents translated:
- Alpeev, M. - Stimulate high quality with efficient incentives. p. 2.
- Mazanova, M. - Regional proportions of economic development. p. 10.
- Bruginskii, B. - Role of products and problems of planning. p. 18.
- Gorobunov, I., Rybakov, L. - Mathematical economic methods in planning for the turnover of goods. p. 25.
- Isopolskii, S., Chirkov, V. - Quantitative analysis of technological progress. p. 31.
- Brenis, A., Mikhalevskii, A., Petrashin, A. - Real payments in the gas industry. p. 36.
- Balkov, A. - Improving business accounting in chief administrations. p. 41.
- Melashkin, M., Charvov, L., Pavlovskii, L. - Starting-up new enterprises and their economic incentives. p. 44.
- Dobrysh, T. - Price determination in construction. p. 49.
- Prokhorovskii, N., Vileev, V. - Make the profit index more accurate. p. 54.
- Kudakov, V. - Justification of plans and material incentives on enterprises. p. 63.
- Fa'ed, S. S., Shul'ga, V. - Improving the fuel power balance. p. 64.
- Bugayev, G. - Balance sheet - index method of planning for labor productivity. p. 73.
- Menshikov, V. - The nature of scientific workers' labor. p. 81.
- Kolbas, A., Kalgin, V. - Grouping of enterprises and determining group norms. p. 84.
- Krasovskii, B. - Interbranch ties in the tractor manufacturing industry. p. 89.
- Conference on interbranch business accounting. p. 91.

RUSKA [1968 - U.S.S.R.] [Ministerstvo vnutrennykh del SSSR] [Ministry of Internal Affairs of the U.S.S.R.]. Moscow, vol. 11, no. 11, 1968.

- Table of contents translated:
- Portakov, E., Mironov, V. - The Lenin legacy in the underlying principles of the work of the departments of political economy. p. 2.
- Karylska, M. - The nature and criteria for the efficiency of new equipment under socialism. p. 10.
- Gruchev, F. - Necessary and surplus product under socialism. p. 17.
- Mikhalevskii, B. - Efficiency of the specialization of agricultural enterprises. p. 22.
- Mironov, V. - Computing profitability, turnover of working capital, and payments for production funds. p. 29.
- Konstantinov, M. - Paying wages on the hourly basis to workers where the mechanization of production is in effect. p. 31.
- Cholostovskii, G. - Some problems of using women's work in industry. p. 34.
- Fridberg, L. - Grain cooperation and its role in the preparation for mass collectivization. p. 42.
- Ponikvarskii, M. - The food supply policy of the Soviet government in 1978-1980. p. 51.
- Tikhonov, G. - Industrialization of Brazil and foreign capital. p. 58.
- Shukova, T. - Industrial development of the East African countries. p. 66.
- Superfin, L. - Densities of the regularity of the replacement of capital by socialism in bourgeois economies' work. p. 78.
- Abramovich, I. - Agrarian relations and the improvement of the peasantry under imperialism. p. 88.
- Karasev, A. - Some work results. p. 107.
- Bab, K. - Scientific and instruction work of the department. p. 108.
- Abalikh, L. - Students fill-up the questionnaire. p. 109.

REKONSTRUKCIYA PRAVIL PEREVOZOK I TARIFOV KHIMIKOV [RECONSTRUCTION OF RAILROAD TRANSPORTATION AND RATES IN THE U.S.S.R.] Issued by Ministerstvo puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, nos. 68-78, 79, 1967 nos. 77-78, 80-81, 82-83, 84-85, 86-87, 1968.

- VESTNIK STATISTIKI** [STATISTICAL REVIEW]. Organ of Vsesoyuznoye statisticheskoye upravleniye SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 12, 1968.
- Table of contents translated:
- Program for the further development of agriculture. p. 3.

Andal'tsev, M., Stepanova, A. - Some results of economic reform in automotive transportation. p. 9.

Vashol'mov, L., Novikov, G. - Practice in statistical study of the dependence of the yield of grain crops on the (fundamental natural and economic factors). p. 14.

Kolpakov, B., Bolgov, V. - Studying the use of time in the U.S.S.R. p. 20.

Grinson, G. - Adjusting planned production costs to correspond to actual costs on collective and state farms at the end of the year. p. 28.

Colombo, Z. - Causes of building materials industry enterprises. p. 36.

Sel'tser, P. - Ensure an accurate accounting for the resources. p. 36.

Instruction on the procedure for conducting the all-Union census of the population in 1970, and filling up the census questionnaire. p. 44.

Kirilenko, V. - Conditions for the aid of the com of the population expand their work. p. 52.

Blinov, G. - Province conference of collective and state farm accountants. p. 74.

D. B. - Conference on the problems of preparing for the census of the population. p. 76.

Statistical data on cities with more than 500,000 population. p. 78.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1969.

Table of contents translated:

Ostrovskii, K. - For historical approach to the theory of commodity production under socialism. p. 3.

Vain, A. - Methodological problems of optimizing the production structure of industrial enterprises. p. 14.

Novikova, K. - The economic reform in trade. p. 24.

Lashov, L. - Prices and planned economic regulation of agricultural production. p. 24.

Alkhanov, B., Mikhalev, M. - Economic cooperation of socialist countries on the 30th anniversary of the Mutual Economic Assistance Council. p. 47.

Sabel'nikov, L. - Economic aspects of developing scientific research work in the U.S.S.R. p. 58.

Khachaturov, T. - Economic evaluation of natural resources. p. 66.

Economic evaluation of natural resources: review of articles received by the editor. p. 78.

Ustevich, M. - Lenin's theory of the subdivisions of social production and practice in the building of socialism in the member countries of the Cominform. p. 111.

Abdullayev, V. - V. I. Lenin on the economic preconditions of socialist revolution and bourgeois crises. p. 123.

Pollak, V. - Current trends of the agrarian policy and practice. p. 148.

Mironov, V. - Bourgeois criticism of socialism, or concepts of falsehood and conjecture. p. 148.

Isakov, M. - The labor resources of the countries participating in the Cominform. p. 151.

A. L. - Biosphere and economics. p. 153.

In the Scientific Research Institute of the Central Statistical Administration of the U.S.S.R. p. 155.

Baskin, M. - Efficiency of scientific research: problems and solutions. p. 156.

F. FINANCE

BULLETEN' INOSTRANNOY KOMMERCHESKOY INFORMATSIYI [BULLETIN OF FOREIGN COMMERCIAL INFORMATION] Supplement. Issued by Nauchno-issledovatel'skii tsentr'izvestiy [Scientific Research Institute of Economic Trends]. Moscow, no. 10, 1968.

Contents: [Trade policy regimes of the European capitalist countries] Torgov-politicheskiye sootnosheniya evropeiskikh kapitalisticheskikh stran. 121 p.

FINANCE SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 43, no. 12, Dec. 1968.

Table of contents translated:

Editorial: Carry out the budget of the third year of the five-year plan successfully. p. 3.

Danilov, V. - Pressing problems of state insurance work. p. 7.

Ovkin, P. - Increase revenues of state budget. p. 18.

Gel'man, G. - Give more attention to the decision-making sections. p. 24.

Mironov, V. - Increase control over the discount of goods in trade. p. 28.

Goncharov, R. - Examine net income and its distribution. p. 33.

Makovich, V. - The turnover of payments and the organization payments to the budget in industrial enterprises. p. 48.

Novov, V. - Profitableness of the enterprise and the profitableness of production, p. 50.
 Chumbinov, M., Skripnik, P. - Improve the formation and use of a fund for the development of production, p. 54.
 Drobny, M., Demchenko, V. - The plant works in the new way, p. 57.
 Tolstolova, B. - Interest paid for credit and reducing the turnover of documents, p. 51.
 Proskov, A. - In step with the reform, p. 53.
 Makarov, V. - Some problems of staff work, p. 55.
 Popenko, G., Amosov, L. - Financial organs of Dnepropetrovsk Province under the new conditions, p. 57.
 Frolich, F. - Financial organs and the economic reform in the enterprises of the local industry, p. 59.
 Kurachov, G. - Use funds for the development of the local industry better, p. 73.
 Kravtsov, M. - Useful experience, p. 74.
 Sorokin, V. - Procedure for the liquidation of bank credit issued for the expansion or organization of the production of consumer's goods, p. 75.
 Kholodskaya, A. - Foreign exchange and financial condition of Iran, p. 90.
 In the Board of Directors of the Construction Bank of the U.S.S.R., p. 90.

d. LABOR

BIBLIOTEKA PROFSOYUZNOGO AKTIVISTA [LITTLE LIBRARY OF THE TRADE UNION ACTIVIST], Moscow no. 27, 1958.

KORREKTIY PROFSOYUZY [KORREKTIVE TRADE UNIONS], Pyongyang, nos. 103-105, 1958.

OMERNA TRUDA I SOTSIAL'NOE STRAHOVANIYE [PROTECTION OF LABOR AND SOCIAL INSURANCE], issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soyuzov [All-Union Central Council of Trade Unions], Moscow, vol. II, no. 12, Dec. 1958.
 Table of contents translated:
 Importation of trade unions, p. 1.
 Baidy, M. - Use the health budget better, p. 3.
 Ostrov, I., Shukhov, G. - Workers' facilities in industry, p. 7.
 Efremov, V. - The socialist bureau: decisions and needs, p. 10.
 Lashchik, R. - It is possible to do more, p. 12.
 Mironov, G. - The Urals trade union, p. 13.
 Gupryin, P. - Matter of IMA, p. 14.
 Polshchik, G. - There is something to learn, p. 14.
 Introduced in the Far East, p. 16.
 Dolgov, P., Kheisman, V. - The "Belarus" tractor as they expect it in the village, p. 16.
 Novov, B., Khamayev, G. - Dermafitis: how to get protected against it, p. 20.
 Potomov, V. - Medical treatment and rest in winter, p. 24.
 Orlov, I. - The oldest sanatorium in Russia, p. 24.
 Borlik, I. - Follow-up of leishmaniasis, p. 25.
 Belygin, K. - Social insurance for the collective farm key personnel, p. 28.

SOTSIALISTICHESKIY TRUD [SOCIALIST LABOR], issued by Gosstatizvestiya komitet Soversha Ministrov SSSR po voprosam trade i sotsial'nogo platya [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems], Moscow, vol. 12, no. 10, Oct. 1958.
 Table of contents translated:
 Editorial: Following the Lenin policy, p. 3.
 Awarding bonuses for the new equipment, problems which interest our readers, p. 7.
 Between accounting and material incentive funds in the workshop:
 Mamonov, B., and others. - Determining workshop contribution to production results, p. 11.
 Romanov, M. - The workshop and the intensity of planned assignment, p. 12.
 Bylin, A. - Profit and providing incentives for the workshop under the new conditions, p. 23.
 Gal'perin, V. - How bonus accounting forms are determined by production characteristics, p. 25.
 Bekturov, E. - Improving the assortment of fabrics. How should it be stimulated? p. 31.
 Stepanov, M. - Some deductions from the experience, p. 30.
 Mikhayev, B. - Improving the wage schedule for machinery industry workers, p. 43.
 For workers of enterprises on practice in changing over to the new system of planning and economic incentives, p. 45.
 For production management on a scientific basis:
 Mifner, B., Polshchik, V. - Important potentialities of industry, p. 53.
 Karamanov, V., Pogrebnik, I. - Centralizing the repair service practice and suggestions, p. 55.
 Aliev, L., Chuvashov, K. - Organization of work in tool management, p. 71.
 Korshakov, A., and others. - What is new in the organization of agricultural labor, p. 74.
 Let'nev, V., Chernodurov, V. - Important condition in developing Soviet public health, p. 90.
 Korshakov, I., Malkin, A. - The service industry is being reorganized, p. 94.

Scherebikhin, L. - At the Third All-Union Congress of Psychologists, p. 107.
 Sobolev, E. - New wage scales for machine tool operators and establishing norms for their work, p. 111.
 Potemkin, G. - Utilization of norms, p. 114.
 Brandobovskiy, G., and others. - Work and creative plans of some research organizations, p. 114.
 Vashchenko, I., Vostaninov, V. - What should be done: advice and explanations, p. 123.
 Lomovskiy, M. - Mathematical methods in planning for wages, p. 124.
 Korshakov, A. - "Industrial sociology" on guard of the interests of capitalist monopolies, p. 125.
 Kozlov, B. - Transferring persons with general diseases to other work, p. 126.
 Kuznetsov, K. - Improving the quality of designing, p. 146.
 Kuznetsov, M. - More on the length of service, p. 147.
 In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions, p. 149.
 Survey of labor legislation and judicial practice, p. 154.

Vol. 12, no. 12, Dec. 1958.

Table of contents translated
 Editorial: Permanent problem of the building of communism, p. 3.
 Tlapka, M. - V. I. Lenin on socialist organization of public labor, p. 7.
 Kiselevskiy, L. - Socioeconomic significance of increasing minimum wages, p. 14.
 Mironov, M., Alekseeva, V. - Incentives for labor productivity in a branch. Are they used well? p. 23.
 Gerasimov, V., Karyev, V. - Efficiency of the collective labor and leveling bonuses to the workers, p. 23.
 Kachan, M. - Having a long-term home. When is it expedient? p. 24.
 Tabakov, P., Kozlov, I. - Development of the economic experiment in trade, p. 44.
 Borshakov, G. - Labor productivity and economic work in an enterprise, p. 45.
 For workers of enterprises on practice in changing over to the new system of planning and economic incentives, p. 53.
 Malkin, I. - Improving the efficiency of measures in the scientific organization of labor in the main thing, p. 59.
 Mifner, G., Goryunov, V., Vitkovskiy, A. - Main laboratory drafts the scientific organization of labor, p. 67.
 Derzhavskiy, E. - Efficient organizational structure and its graphic presentation, p. 75.
 Korshakov, G. - Current problems of workshop management, p. 81.
 Shchepin, V. - The labor resources and the efficiency of industrial production, p. 83.
 Avdeyev, I. - Labor path begins from the school bench, p. 84.
 Kifod, L. - Enterprise plays an important part in choosing an occupation, p. 84.
 Rodchinsk, A. - Integrated brigades in loading and unloading work, p. 108.
 Gorshkov, E., Kifod, M. - Designing of equipment and labor conditions, p. 104.
 Kiselevskiy, V., Pavlov, I. - Advantages of the five-day workweek are used intensively, p. 113.
 Sergeev, B., Borshakov, M. - Reducing labor intensity is an important index of the efficiency of production, p. 119.
 Zotov, I. - Surmounting norms for the adjustment experience of Kharkov tractor factory workers, p. 123.
 Karyev, V. - Give every working minute to the production, p. 124.
 Alekseyev, A. - By whom should a report on carrying out output norms be compiled? p. 124.
 Rodchinsk, V. - Labor intensity index in analytical work, p. 124.
 Lyubskiy, R. - Average earnings and disbursement from the material incentive fund, p. 124.
 Kravtsov, L. - Work schedules in the five-day workweek, p. 126.
 In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions, p. 124.
 Survey of labor legislation and judicial practice, p. 154.
 Gofdis, L. - Scientific organization of labor: scientific and technological progress, and social progress, p. 153.

SOVIETSKIE PROFSOYUZY [SOVIET TRADE UNIONS]

issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soyuzov [All-Union Central Council of Trade Unions], Moscow, vol. 24, no. 21 (1958), Nov. 1958.
 Table of contents translated:
 Editorial: The guidance of the Lenin Party is the source of the power of Soviet trade unions, p. 2.
 Pold, L. - Be forewarned and strive for more, p. 4.
 Shchegolev, G. - Paths of growth, p. 7.
 Antropov, M. - V. I. Lenin on the role and tasks of

trade unions as a school for the class struggle, p. 10.

Disseminate Lenin's ideas among the masses, p. 14.
 Pashchenko, I. - Now everybody sees that it is good! p. 12.
 Akhmedov, P. - The word is followed by deed, p. 16.
 Novov, D. - Nobody and nothing is forgotten, p. 23.
 Minsk, G., Melnikov, F. - Youth has crossed the threshold of the plant, p. 25.
 Reports and elections to the local trade union organizations, p. 26.
 Mifner, D. - Activists' corner, p. 30.
 Mifner, D. - The trade union factory committee relies on them, p. 31.
 Khalikov, G. - There is an individual approach to everybody, p. 31.
 Skripnikov, P. - There is a man behind each complaint, p. 32.
 Zapol'skiy, V. - Not only an organizer, but an educator as well, p. 34.
 Kirakov, V. - Crops on the wheels, p. 35.
 Kirakov, V. - It is early to put a period yet, p. 37.
 Sereda, A. - Scope of struggle, p. 38.
 Rukhman, A. - In the vice of dictatorship, p. 40.
 Mifner, D., V. - Finnish sketches, p. 42.
 Dvornikov, I. - For you, northerners, p. 45.
 What is new in the instructions on the procedure for the acceptance of trade union dues, p. 47.

e. SOCIOLOGY

KAZACHSKAYA KHIZNA [KAZACH LIFE], issued by Vtoroi otdel Kazakh'sko-amerikanskogo narodnogo soyuznogo [Second Division of the Communist-American National Alliance, Inc.], Providence, R.I., vol. 10, no. 180, Dec. 1958, vol. 17, no. 181, Jan. 1959.

KAZAKH SSR. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Obshchestvennyye nauki [KAZAKH S.S.R. Ministry of Higher and Secondary Special Education, Social Sciences], Alma-Ata, vol. II, 1957.
 History, philosophy, political economy.
 Table of contents translated:
 Gidach, M. K. - Leading role of party organizations in enterprises of the ferrous metallurgy of Kazakhstan, 1949-1958, p. 4.
 Radchenko, R. F. - Party guidance of the communist labor movement in enterprises of ferrous metallurgy, 1949-1958, p. 14.
 Polner, I. S., Orlov, G. V. - The party in the struggle for the development of nonferrous metallurgy in the Rudnyy Altai during the postwar period, 1948-1958, p. 24.
 Medvedev, L. P. - Political work of the party in chemical industry enterprises and construction sites in the southern part of the republic during the years of the seven-year plan, p. 34.
 Akhmedov, A. - Struggle for improving seasonal livestock farming in Western Kazakhstan, September 1949-1953, p. 45.
 Kuznetsov, T. K. - Work of the Kazakhstan Party Organization on improving forms of material self-interest and increasing agricultural production, 1949-1954, p. 54.
 Golets, G. V. - Party organization of the Shkolovskaya Mining and Ore Dressing Combine at the head of training and education of the labor force, p. 58.
 Ugol, M. A. - Party measures in utilizing the water power resources of the Rudnyy Altai in the prewar period and during the years of the Great Patriotic War, p. 74.
 Dekushtina, G. D. - The Kazakhstan Communist Party guidance of the development of livestock farming during the prewar years, p. 84.
 Khodachev, A. E. - Work of the Kazakhstan Party Organization on the training of the skilled labor force and engineering and technical workers, p. 94.
 Vertovskiy, V. V., Kravtsov, E. G. - Problems of extrapolation in sociology, p. 107.
 Zhelezovskiy, M. I. - Historical stages in the development of the principles of reflection, p. 114.
 Urupin, A. I. - Scientific and technological progress and developing a rounded personality through labor, p. 124.
 Bogdanova, E. I. - Distinctions of social and personal interests under socialism, p. 124.
 Akhmedov, A. - Developing the ideology of internationalism in the people's consciousness under the conditions of the socialist development of formerly backward nations, p. 147.
 Mifner, A. G. - International socialist division of labor is an expression of the production relations of the world socialist system, p. 152.
 Isakov, R. M. - Social structure of the collective farm peasantry of Kazakhstan, 1949-1958, p. 159.
 Burakova, M. V. - Role of the sphere of service in solving the problem of using the labor resources in Kazakhstan, p. 177.
 Kuznetsov, G. K., Kapustin, K. I. - Movement of the population of Karaganda Province, p. 184.

NAKH KHYTYIA. OUR LIFE. Issued by Bohm Ukrainok Ameriky [Ukrainian National Women's League of America, Inc.], Philadelphia, vol. 30, no. 2, Feb. 1959.

NOVOGODE NADRE [SOVIET WOMAN]. Issued by KKP Keskikomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 24, no. 12, Dec. 1968. [In Estonian]

NOVOE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Mirovedeniye" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "World Series"]. Moscow, no. 10, 12, 1968.

NOVOE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Nauchnyi kommunizm" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Scientific Communism" Series]. Moscow, no. 12, 1968.

QAZAQSTAN AIKIDERU [KAZAKHSTAN WOMAN]. Alma-Ata, no. 12, 1968. [In Kazakh]

RADIANSKA ZHINKA [SOVIET WOMAN]. Kiev, vol. 84, no. 1(27), Jan. 1968.

SOTIAL'NOE OBEESPЕCHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespacheniya REPER [Ministry of Social Security of the R. S. F. S. R.]. Moscow, vol. 44, no. 1, Jan. 1968.

Table of contents translated:

Komarov, D. - More attention to the people, p. 1.

Strakov, A. - Shock work for Lenin's anniversary, p. 4.

Alekseyev, M. - Public controller, p. 7.

Topolov, I. - Improve the centralization of paying pensions and allowances, p. 10.

Trois, A. - The best in town, p. 12.

Zhelezova, M. - Inspectors' seminar, p. 14.

Pavlova, G. - In order to have a better life, p. 16.

Alifanov, M. - What should the initial day for awarding pensions to the collective farmer be? p. 17.

Moskvin, P., Shklyadov, V. - Social insurance on the collective farm, p. 18.

Kudov, A. - Secretary of the collective farm council reports, p. 21.

Volkov, L., and others. - Interesting figures, p. 22.

Pilipenko, G. - Medical expertise of the capacity for work in sequence of fractures of the spinal cord, p. 24.

Berukov, M. - Preparing for life is the main thing, p. 28.

Preferential terms of the agricultural tax extended to the disabled, p. 30.

Doritschikova, M. - Joyous changes, p. 32.

Martynov, D. - Responsible position of the director, p. 34.

Martynov, I. - Our best friends, p. 37.

Homes will be built, p. 38.

Skochkov, A. - Technological progress under the conditions of the economic reform, p. 40.

By the efforts of scientists and practitioners, p. 44.

The new heads/polars, p. 44.

International symposium, p. 46.

From the Collection of the Ministry, p. 50.

Vall, L. - Causes of limiting average monthly earnings in computing state pensions, p. 54.

Baranova, G. - What documents confirm studies in higher and secondary special schools, p. 58.

Administration of pensions and allowances for collective farm members, p. 62.

SOVIET TURKMENISTANYNYG AIALARY [SOVIET TURKMENISTAN WOMAN]. Organ of Tsk KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 8(12), Aug. 1968. [In Turkmenian]

SOVIETSKAYA ZHIZNEBOHINA [SOVIET WOMAN]. Organ of Komsomol sovetskikh zhenskikh i yatskovskiy Tsentral'nyi Sovet Professional'nykh Sovmov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, no. 3, 1968.

6. POLITICAL SCIENCE

AGITATOR. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 22, Nov. 1968.

Table of contents translated:

Editorial: Let us complete the year as book workers should! p. 4.

Lilap, A. - Management computer of the socialist economy, p. 7.

Moskvin, G. - Technical progress is the goal, p. 11.

Saleckas, A. - In one family of fraternal unions, p. 12.

Voss, A. - Great transformations, p. 17.

Stepanov, S. - Socialist democracy on Constitution Day of the U.S.S.R., December 30, p. 21.

Ivanov, S. - In the interest of workers on the 50th anniversary of the first Soviet Code of Labor laws, p. 24.

Koslov, V. - Horizons of agricultural science, p. 28.

Pavlov, A. - Power engineering today and tomorrow, p. 32.

Geography of the factories which feed our soil a way, p. 38.

Masikh, B. - Industry of abundant crops, p. 34.

Our information, p. 36.

Petrovsk, V., Uspenskii, V. - Communist internationalism from the series "Talks on morals" article 1, p. 39.

Popov, G. - People of Leningrad prepare for the leader's anniversary, p. 43.

Smol'ko, M. - Prompted by life, p. 47.

Sidorov, G. - One seminar is not enough.... p. 49.

Shaykin, B. - Vanguard of the Hungarian workers p. 51.

Georgiev, I. A. - What is taking place in Indonesia: a reviewer's notes p. 54.

Vladimirov, S. - Elections in the United States, p. 57.

Pol'shakov, V. - Potatoes of misdeeds, p. 58.

Apartheid in practice. Press evidence, p. 62.

A political dictionary, p. 63.

New books, p. 64.

BLONNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 27, no. 23, Dec. 1968.

BLONNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 27, no. 20, 22, Oct., Nov. 1968, vol. 28, nos. 1-2, Jan. 1969. [In Ukrainian]

KISTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Keskikomitee Komsomoli Eesti Partei Keskikomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 28, no. 1, Jan. 1969. [In Estonian]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 2(12), Feb. 1969.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 44, no. 18, Oct. 1968.

Table of contents translated:

Plenary anniversary of the All-Union Young Communist League named after Lenin: decision of the Central Committee of the CPSU, p. 2.

Commensal, p. 13.

Tsymbalov, E. - An active aid to the party, p. 18.

Koslov, L. - Armed Forces and the Komsomol, p. 20.

Our contemporary, p. 22.

Kopitskaya, L. - One of the Karamzhev dynasty, p. 41.

Levinov, L. - Universality of labor, production, and accumulation, p. 42.

Chadov, I. A. - Planning and the effectiveness of production, p. 43.

International duty of the Communists, p. 78.

Georgiev, I. U. - A "new version of socialism" in Yugoslavia? p. 82.

Galkin, A. - Socialism and its social roots, p. 86.

Balashov, A., Diksher, B. - Some lessons from the events in Indonesia, p. 100.

New books, p. 102.

Vol. 46, no. 2, Feb. 1969.

Table of contents translated:

New documents of the Communists, p. 2.

Gerasimov, A. - V. I. Lenin and the building of Soviet Armed Forces, p. 14.

Golovinskiy, F. - Vitality of Lenin's ideas in socialist construction, p. 27.

Gorobinskiy, G. - Turning point in the history of the labor movement and the people of Germany, p. 30.

Merlov, K. - New frontiers for agriculture, p. 44.

Sushkov, T. - Local soviets and life, p. 60.

Golubov, V., and others. - For Lenin's party line in discussing the history of the CPSU, p. 67.

Engelhardt, V. - Problem of life in modern natural sciences, p. 62.

Sushkov, V. - Maoists revise the general line of the Communist Party of China, p. 84.

Gauri, K. - Defeat of the right social democracy in the "third world," p. 107.

KOMMUNIST SOVIETU LATVIJ [COMMUNIST OF SOVIET LATVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, no. 1(23), Jan. 1969.

MESHDUNARODNAYA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoyuznoye obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 10, no. 1, 1968.

Table of contents translated:

Editorial: Irresistible power of our times, p. 3.

Alekseyev, A. - Nonproliferation treaty and the security of nations, p. 12.

Modrakinskaya, E. - Presenting anticommunism behind the screen of "revolutionism," p. 19.

Potkinov, M. - Bonn's challenge to Europe, p. 26.

Brishchinskaya, L. - International law and the crisis in the Middle East, p. 32.

Kam'nikov, I. - Problem of the "new economic model" of socialism, p. 48.

Andreev, D., Mikhov, M. - The "str" after eleven years, p. 60.

Grebenskoy, E. - Regular outbreak of monetary crisis of capitalism, p. 66.

Riga, I. U. - Canada: the business of strategic raw materials supply, p. 78.

When will realism win? p. 87.

Shalov, L. - Lenin's foreign policy and national liberation movement, p. 90.

Mal'nev, V. - In Ramsey MacDonald's foreign policy, p. 91.

Brishkov, M. - Doctrine and practice of American radio and television broadcasting, p. 100.

Kel'manov, A. - "Cultural revolution" and economy of China, p. 110.

Alekseyev, A. - Exploitation of foreign science, p. 112.

Dmitriy, V. - Sixteen countries and one revolution, p. 122.

Kam'nikov, V. - Young people protest, p. 130.

Kel'manov, I. U. - Oldenya domestic character, p. 134.

Levinov, L. - Oil and election, p. 132.

Krasnitskiy, V. - Toward a polestar in world law, p. 132.

Krasnitskiy, V. - "Left center" again, p. 133.

V. I. Lenin's foreign policy activity, October 1917-March 1918, p. 144.

Pavlovskiy, A. - Cuba: the fruits of the revolution, p. 149.

Lalshov, M. - Dam on the Euphrates River, p. 150.

Kondrat'ev, V. - Fight against the mafia in Italy, p. 152.

Rogov, V. - Shifts in the labor unions of the United States, p. 154.

Mikhov, A. - American bases in Syria, p. 155.

Borin, A. - British-Romanian negotiations, p. 157.

Kom'nik, A. - The Italian Socialist Party of Proletarian Unity, p. 158.

Vasil'ev, V. - Nuclear mine belt, p. 159.

Vol. 16, no. 2, 1969.

Table of contents translated:

Petrov, M. - The U.S.S.R. striving for the limitation of nuclear armaments, p. 2.

Apelin, G. - "New phase" in the foreign policy of Peking, p. 9.

Gerasimov, G. - European divisions of Europe, p. 12.

Gerasimov, M. - Militaristic fever in the Federal Republic of Germany, p. 22.

Vo Mita Tri - Economy of the Democratic Republic of Vietnam under war conditions, p. 27.

Roebekin, K. - United States starts up military armaments production, p. 47.

Moskvin, L. - Dollar attack on Western Europe, p. 48.

Kalishnik, G. - Forbid the use of nuclear energy for military purposes, p. 62.

Primakov, E. - Is there a way to peace in the Middle East? p. 68.

Vladimirov, V., Orlov, L. - Foreign policy of Arab states, a factor of peace and social progress, p. 72.

Ivanov, K. - Some can see through centuries and others who can't see ten years ahead, p. 83.

Tikhonovskiy, S. - UNESCO and the burning international problems, p. 92.

Problems of South Africa, p. 96.

Lauritschuk, Albertas - Mexico and the American continent, p. 101.

Alekseyev, G. - Nobody should forget the lessons of the past, p. 110.

Alekseyev, A. - Good start, p. 114.

Zakharov, I. U. - Important decision, p. 115.

Artemenko, V. - Useful comments, p. 117.

Ilov, A. - Regular injection of war hysteria, p. 118.

Klimov, L. - From the session of parliament, p. 121.

Trisunov, A. - Collapse of an alliance, p. 123.

Bogdanovich, I. U. - Against the influence of the press, p. 130.

Kremenetskiy, V. - Time for responsibility, p. 131.

Akhmedov, A. - V. I. Lenin's foreign policy activity (April-July 1918), p. 134.

Zavolzhskiy, E. - Unification of power by means of the Mutual Economic Assistance Council countries, p. 138.

Doroshin, L. - Countries of the capitalist bloc and gold reserves, p. 140.

Shchukov, I. U. - New administration of the U.S.S.R., p. 142.

Pakhomov, V. - What is the "gray zone"? p. 143.

Shalov, I. U. - International review, p. 144.

From the history of foreign policy of the U.S.S.R., p. 154.

NOVOE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Nauchnyi kommunizm" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Scientific Communism" Series]. Moscow, no. 11, 1968.

NOVOE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Nauchnyi kommunizm" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Scientific Communism" Series]. Moscow, no. 11, 1968.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 27, no. 7(127), Feb. 1969.

Table of contents translated:

Editorial: Attacking class, p. 1.

Poland's foreign minister Abbi Marjalekian on problems of European security and Soviet-Polish relations, p. 3.

Soviet Union and Southern Yemen, p. 4.

Krasnitskiy, V. - The Arctic, the Pacific, and NATO, p. 5.

Leonidov, A. - Breaking the diplomatic blockade, p. 20.
 Sovremennik. - Czechoslovakia: the subversive goals, p. 74.
 People and events, p. 15.
 Kalitov, IU. - New information on studies of the planets of the solar system, p. 15.
 People and events, p. 21.
 Shalagin, V. - Albania. In Peking's plans, p. 19.
 Gavrilov, IU. - Murder in Dar es Salaam, p. 21.
 A. V. - Builders of a new ark, p. 22.
 Goto, Juma. - How dictators are made: a documentary essay, p. 24.
 People and events, p. 25.
 Notes from International 1960, p. 24.
 Kura, Kono. - Report from San Remo, p. 20.
 People and events, p. 31.

PADOMJU LATVIJAS KOMUNISTI [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas Komunistiskā partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, no. 12(301), Dec. 1959. [In Latvian]

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 11, no. 12, Dec. 1959; vol. 12, nos. 1-3, Jan.-Feb. 1960.

QAZAQSTAN KOMUNISTI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, no. 12, Dec. 1959.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud. Vedomosti [Supreme Soviet. Gazette] Moscow, nos. 7-9(311-313), Feb. 1959.

RUSSIAN DIALO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 11, nos. 1-2, Jan.-Feb. 1959.

VERNYE. THE HERALD. Organ of Organizatsiia oborony chetyrkh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 22, no. 1, Jan. 1959.

7. LAW

MARONNIY UNIVERSITET. Fakul'tet pravovykh nauk [PEOPLE'S UNIVERSITY. Faculty of Jurisprudential sciences]. Moscow, no. 12, 1958.

NOVOYE YURISDIKTSIONNOE, TEKHNIKO. Seriya "Osvetleniye i prav" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "The State and Law" Series]. Moscow, no. 12, 1959.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud. Dzhurnal [Supreme Court. Bulletin]. Moscow, no. 2, 1959.

RUSSIA (1922- U.S.S.R.) Verkhovnyi Sud. Dzhurnal [Supreme Court. Bulletin]. Moscow, no. 8, 1957.
 Table of contents translated:
 To the personnel of Soviet courts. Decisions sent by the Central Committee of the CPSU and the Presidium of the Supreme Soviet of the U.S.S.R. p. 2.
 To the Central Committee of the Communist Party of the Soviet Union, Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. A message from the attendees of a grand meeting in the Kremlin. p. 4.
 The 50th anniversary of V. I. Lenin's decree on courts. p. 6.
 Grand meeting in the Kremlin. p. 8.
 Decision of the Supreme Soviet of the U.S.S.R. "Appointment of members of the Supreme Court of the U.S.S.R." p. 8.
 Decree of the Presidium of the Supreme Soviet of the U.S.S.R. "On the introduction of amendments to Regulations on the Supreme Court of the U.S.S.R." p. 8.
 Decree of the Presidium of the Supreme Soviet of the U.S.S.R. "Amnesty in connection with the 50th anniversary of the Great October Socialist Revolution." p. 12.
 Information on the Plenary Session of the Supreme Court of the U.S.S.R. p. 16.
 Decision No. 6 of the Plenary Session of the Supreme Court of the U.S.S.R. "Balancing the role of courts in ensuring the observance of labor laws and tightening labor discipline in industrial enterprises, organizations, and offices." p. 17.
 Decision No. 7 of the Plenary Session of the Supreme Court of the U.S.S.R. "Introduction of amendments to decision No. 12 of the Plenary Session of the Supreme Court of the U.S.S.R. of September 12, 1957 "On judicial practice in civil law labor disputes." p. 19.
 Decisions of the Plenary Session of the Supreme Court of the U.S.S.R. in individual cases, p. 21.
 Rulings of the Judicial Collegiate for Civil Cases of the Supreme Court of the U.S.S.R. p. 24.

Rulings of the Judicial Collegiate for Criminal Cases of the Supreme Court of the U.S.S.R. p. 34.
 Awards bestowed upon judicial personnel by the Soviet Government. p. 40.
 Delegation of the Supreme Court of the U.S.S.R. on a visit to Poland. p. 47.

8. EDUCATION

a. GENERAL

DOSHKOLOVAYA VYKHOVANIE (PRESCHOOL EDUCATION). Issued by Ministerstvo osvещения RSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 4, no. 2, 1959.

DOSHKOLOVAYA VOSPIITANIE (PRESCHOOL EDUCATION). Issued by Ministerstvo osvещения RSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 4, no. 2, 1959.

Table of contents translated:
 The teacher and his work. p. 2.
 Truf'akova, M., and others. - Before the new road, p. 2.
 Kravchenko, M., Tchernova, L., Skutnova, T. - Educator and teacher, p. 17.
 Sher, M. - What is Perviysh? p. 21.
 Arsenova, L. - Training in behavior through games with rules, p. 24.
 The teacher, who is he? p. 30.
 Mikhailovskiy, R. - Truth is born in discussion (to be continued), p. 34.
 Ivanova, V., Kozlovskiy, V., Tachinskoy, M. - The teacher and young parents, p. 42.
 Mikhailov, IU. - Role of anecdotes in the decorative creativity of children, p. 47.
 Vlasovskiy, I. - This is important to know, p. 54.
 Denisov, G. - Through the pages of the periodical "Russskaya rad", p. 54.
 Venger, L. - Psychological development of children, p. 60.
 Shchegoleva, S. - Aphasia, p. 64.
 Dolegalov, A. - Speaking about their friends and themselves, p. 65.
 Val'shchikov, V. - Among the "good and the different," p. 75.
 Mikh, E. - In the most ordinary things, p. 78.
 Uvarova, V. - In Orelburg Province, p. 80.
 Taranova, T. - One day in a rural kindergarten, p. 83.
 How to inspect a kindergarten, p. 84.
 Krasov, A. - Children's furniture, p. 86.
 Kuznetsov, G. - In search of the home, p. 92.
 Radetskaya, M. - This troubles us, p. 97.
 Kozlovskiy, M. - Why? p. 98.

KULTURNO-PROSVETITEL'NAYA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo osvещения RSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 22, no. 12, Dec. 1959.

MACHAL'NAYA SHKOLA [PRIMARY SCHOOL]. Issued by Ministerstvo osvещения RSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 22, no. 10, Oct. 1959.

Table of contents translated:
 Fifty fighting, working, heroic years. p. 1.
 Vlasov, I. M., Zorova, L. B. - A faithful helper of the party, p. 9.
 Shchegolev, P. L. - Toward the great date, p. 12.
 Tabortov, V. - An "Orientator" in the hands of the teacher, p. 22.
 Kozlov, V. P. - Some means of improving reading habits, p. 26.
 Sviridov, N. M. - Lessons in out-of-class reading, p. 33.
 Gorbunov, L. A. - Development of speech bearing in lessons in reading and writing, p. 44.
 Vozhakov, O. M., Grachev, E. V. - Games and entertaining exercises during studies in phonetics and orthography, p. 48.
 Radetskii, A. I. - Memorization of multilined members, p. 51.
 Mezdik, J. - Study of written division, p. 53.
 Abkhil'masov, R. M., Zaporozhskiy, G. S. - Problem solving by use of tables, p. 54.
 Samarskiy, A. I. - Aesthetic education during nature observation in autumn, p. 58.
 Dodozov, Sh. D. - Younger schoolchildren's ideas of the work of adults, p. 61.
 Martynova, V. - Dolls made of yarn, p. 63.
 Kariseva, S. A. - Study of children's perception of civil war songs in 3d grades, p. 66.
 Kevskaya, M. A., Elkin, A. E. - Life and work of the Pioneers, p. 70.
 Perekulova, V. S. - Nature observation with first graders, p. 74.
 Ippolitov, F. V. - Small schools, p. 81.
 Information, p. 84.

MARONNIY OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo osvещения RSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 10, Oct. 1959.

Table of contents translated:
 Editorial: To lead us to know the work and to accept the responsibility for it, p. 2.

Table of contents translated:
 Tashchukov, R. - Unity of goal, unity of action, p. 5.
 Kuznetsov, E. - Important tasks of the provincial department of public education, p. 15.
 Good initiative, useful work, pp. 16, 22.
 Kuznetsov, R. - Fruitful cooperation, p. 23.
 Zolov, IU. - Centralized bookkeeping is needed, p. 27.
 Denisov, A. - Teachers are mastering the new programs, p. 31.
 Sviridov, L. - Stimulating the participation of students in the study of pedagogy, p. 34.
 Volodina, O. - Trained by the Komsomol, faithful to its traditions, p. 40.
 Plotnikov, D. - It is possible to work without having repeating students, p. 48.
 Iashchenko, T. - Perfecting the teaching of chemistry, p. 54.
 Shapovalov, S. - Not only an organizer, but also an inspirer, p. 58.
 Iurkovskiy, V., Iurkovskiy, V. - The teacher is an interesting person; a sketch, p. 63.
 Mikhailova, K. - Grade supervisors and parents, p. 67.
 Educators, propagandists, researchers, p. 71.
 Pavlov, I. - Young teachers, p. 73.
 Vahukhina, D. - The theme of the lecture, heroism, p. 78.
 Gomonarov, E. - Finding the life things in our contemporaries, p. 78.
 Kheis, M. - The national training class, if real... p. 83.
 Kozlovskiy, K. - Condition for success, p. 83.
 Zagladinskiy, V. - The individual approach, p. 86.
 Tikhonov, E. - M. K. Krupskaya and the Komsomol, p. 88.
 Gof'din, A. - The Komsomol, for the children in the days of the Patriotic War, p. 93.
 Savitskiy, K. - The October Manifest of Soviet education, p. 94.
 Solov'ev, K. - Five-day school week in Sweden, p. 96.
 Primenina, L., and others. - News in education from various countries, p. 104.
 At the Ministry of Education of the U.S.S.R., p. 121.
 Oskov, I., Krishchik, M. - Scientific and practical conference in Dushanbe, p. 123.
 Kuznetsovskiy, L. - To protect nature is to increase the wealth of the homeland, p. 124.
 Eliseva, O., and others. - Correspondence seminar of school principals. More school clubs, various and good, insert.

MOLODOYE MOLO [SOVIET SCHOOL]. Issued by Rossiiskaya Sovetskaya Vneshnaya Narodnaya Shkola [Ministry of Education of the Estonian S.S.R.]. Tallinn, vol. 22, no. 12, Dec. 1959. [In Estonian]

QAZAQSTAN MEKTAP [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 44, no. 10, Oct. 1959. [In Kazakh]

RADIAN'NAYA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvещения RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 47, no. 10, Oct. 1959.

Table of contents translated:
 Kozlov, B. - Following Lenin's legacy, p. 1.
 Romenovskiy, I. D. - Lenin. The V. I. Lenin All-Union Communist Youth League, Youth, p. 12.
 Shchegolev, V. S. - Agreement with comrades, p. 24.
 Lashchenko, I. - Youth reports to Lenin, p. 22.
 Fedorenko, I. P. - Educating students in the traditions of the Lenin Komsomol, p. 34.
 Mikhaylov, O. - Heroes of Komsomol glory, p. 36.
 Plavskiy, B. M. - "Artists of the Ukraine for the Lenin Komsomol," p. 38.
 Chronology of the Komsomol, p. 48.
 Kozlovskiy, O. M. - "Promote!", the political club of senior students, pp. 49, 50, 52.
 Krotovskiy, V. A. - Talents and their development in students, p. 49.
 Vlasovskiy, O. I. - Current problems of programmed instruction, p. 57.
 Pashchenko, V. V. - Raglone for students studying according to the new programs, p. 63.
 Fedorenko, M. V. - Independent work of 1st-graders while studying numbers up to ten, p. 67.
 Hays, I. E. - Planning of educational work in the elementary grades, p. 71.
 Khodkovskiy, K. - Using the vital experiences of student industrial workers in classes, p. 80.
 Fedrek, O. I. - Studying the theme "Natural numbers and principles of mathematical induction," p. 84.
 Iarova, F. R. - An elective course from the fundamentals of aesthetic culture, p. 80.
 Alukhin, M. V. - Short tasks and exercises for the study of the social sciences, p. 84.
 Radetskii, I. T. - Teaching students to budget their time efficiently, p. 98.
 Lokovskiy, M. P. - From experience in lesson planning, p. 103.
 Dryba, L. I. - Portable screen for film projection in daylight, p. 104.
 Tarlov, V. G. - Achievements and prospects for Bulgarian schools, p. 110.

- Demichev, F. L., Spirits, I. U. G. - Classification and analysis of production reserves in large panel construction using tower cranes. p. 77.
- Spokor, M. D. - Economic principles of cost analysis of graphic work model in construction. p. 81.
- Ostashev, V. D. - Improving cost calculation of construction products. p. 83.
- Chernikov, A. A., Chirshikov, V. V. - Effect of water temperature on the efficiency of disintegrating thawed and frozen clay impurities during wet concentration processing of rock products. p. 84.
- Krylov, I. U. P. - Continuity problems in the general theory of production process. p. 93.
- Palatin, M. M. - Design features of s-shaped riser leaders used in heating systems of public buildings. p. 90.
- Khoroshilov, P. D. - Selecting by computer efficient operation pumping stations when planning and using towerless waterworks. p. 102.
- Lukhanovich, K. V. - Propagation of inside noise in large-unit frameless residential buildings. p. 108.
- Bodrelavov, L. B. - Solution of heat conductivity problem in semi-infinite cylinder with heat exchange on side surface. p. 115.
- Sokolovskii, S. V. - Approximate calculation of area data vibrations due to seismic activity using the finite-difference method of the theory of shells. p. 121.
- Orel, T. V. - Multichannel wave recorder for studying interrupted waves. p. 128.
- Mamontov, M. L., Fokhin, M. A. - Optimal rotation speed of an eccentric shaft in jaw crushers with a single movement of the jaw. p. 138.
- Andreyevskii, D. V. - Method for calculating screw extruders of reaction dredges. p. 143.
- Ushchik, M. D. - Effect of cutting speed on the outline of earth side collapse zone. p. 157.
- Krasov, A. D. - Ways for standardizing buildings of research institutes and laboratories. p. 141.
- Krasnitskaya, M. M. - Choice of building orientations. p. 161.
- Shala, V. T. - Central lighting of a sphere in axonometry. p. 163.
- Martarekko, I. K. - Effect of horizontal view angles on visibility conditions and visual perception in large universal halls. p. 166.
- Kulagina, G. I., Kozlovskaya, V. M., Petrova, V. F. - Using the photoelastic-colorimetry method for studying adhesion of a polymer to mineral filler. p. 184.
- Kolodetskiy, M. M., Pechenkin, B. G. - Studying bitumens by the method of electron paramagnetic resonance. p. 187.
- Vol. 11, no. 9, 1968.
- Table of contents translated:
- Kharukh, L. P. - Design of prestressed continuous metal beams under mobile load. p. 3.
- Kil, M. A. - Effect of local loads on thin-walled shells. p. 12.
- Ostrov, I. U. K. - Experimental and theoretical study of the stability of a corrugated plywood wall. p. 18.
- Arkhov, V. M. - Modeling elastic plates. p. 30.
- Talashov, K. V. - Selection of geometrical shapes for on-axis cutting blades. p. 36.
- Vorobeyev, G. V. - Metric variation of the Timoshenko-Ritz method for the problems of strength, stability, and vibrations of continuous, beam with compression bars supported on an elastic base. p. 38.
- Spaliev, V. A. - Stability of truss with parallel chords. p. 57.
- Khamurov, V. I. - Natural vibrations of continuous plates under random boundary conditions. p. 43.
- Lashchuk, M. M., Martyshevskiy, V. A. - Method of approximate calculation of the pure bending resistance of a cantilever beam. p. 46.
- Kravchenko, G. F. - Vibrations of beams under a system of loads moving with variable speeds. p. 56.
- Vasserman, S. M. - Special soil engineering work in preparing oil field territories for building projects in western Siberia. p. 61.
- Khrilov, I. A. G. - Using the experience of folk architecture in modern residential construction. p. 63.
- Tutis, M. L. - Architectural features of plant pre-enclosed squares in Siberian industrial settlements of the 18th and 19th centuries. p. 71.
- Agalova, I. M., Bikhov, I. U. L. - Acoustic materials and structural members made with the help of polymeric coating. p. 79.
- Prichod'ko, P. I. - Importance of small shapes in the landscape of a Japanese garden. p. 84.
- Boopova, G. A., Zubov, V. I. - Coefficients of turbulent thermal conductivity in a shallow saline lake. p. 89.
- Dikarevskiy, V. B. - Determining capacity of water hammer dampers during pump starting period. p. 94.
- Rosenfeld, F. A., Medel'man, R. L. - Tugboat model testing of suction tubes for a self-transporting dredge. p. 98.
- Dylov, L. A., Filimonov, P. I. - Controlling properties of wood-ship boards. p. 100.
- Polishova, S. V., Polishov, V. B., Sagitov, R. I. A. - Ultrasonic activation of subpyrite blades. p. 106.
- Malyavskiy, V. L. - Formation of open porosity in heat insulating gas concrete during its manufacturing stages. p. 109.
- Paklov, V. I., Shustalin, F. G. - Studying some properties

- of electrically heated thick mix of aluminate cement concrete. p. 113.
- Petrova, M. F. - Selecting optimum economy method for high temperature curing of concrete in multiple mold systems. p. 118.
- Dvorkin, L. I. - Eryolith made with use of magnesia-chloride cement. p. 120.
- Ochotnikov, M. S. - Production of reinforced concrete web members in vibratory molds with elastic cushioning. p. 126.
- Movak, A. P. - Theoretical principles for determining danger zones when assembling precast concrete members. p. 130.
- Balashov, B. F. - Economic efficiency of precast reinforced concrete use in the construction of water purification structures. p. 134.
- Lavrent'ev, L. M. - Terminology factor in system studies of construction organization and efficiency. p. 140.
- Mikhlin, E. S. - Calculation of structural and thermal characteristics of covered heating conservatories. p. 141.
- Rakhoruk, L. I., Stupin, T. M., Voklar, E. S. - Investigating conditions of daylight in earthenware shops. p. 143.
- Balashov, I. U. P. - Technical and economic reasoning in the selection of sewage purification grade. p. 144.
- Martynov, V. M., Babakov, E. V. - Investigating the use of rapid baranet filters in river water purification. p. 160.
- Kozlov, V. M. - Plotting free surface curves in sewers with ovoidal, trough, and leaf profiles. p. 164.
- Vodkov, D. P., Bogoroditskiy, M. D., Vash, B. G. - Studying the effect of noise ratio of permeation tool working parts on its impact force when working from ground. p. 168.
- Selimov, A. V. - Design of road pavements with soil cement base. p. 173.
- Kovalev, I. A. M. - Time factor in the rating tests of transport load effects on asphaltic concrete pavements. p. 178.

- STROYTEL'STVO I ARHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosstatstroyizdat po delam stroitel'stva Ukrainy and Gosstatstroyizdat Ukrainy [State Committee for Construction in the Ukrainian S. S. R. and the Association of Architects of the Ukraine]. Kiev, vol. 10, no. 5, May 1968.
- Table of contents translated:
- City construction should satisfy present-day requirements. p. 1.
- Popov, A. M. - Main trends in the overall structural appearance and beautification. p. 17.
- Khorokh, A. I. A. - Industrial environment and its attractive appearance. p. 21.
- Rashcheyev, V. F. - Attractive appearance and landscaping of towns. p. 26.
- Krasovskiy, L. A. - Developing a public park complex. p. 30.
- Krasov, V. I. - It is necessary to have an overall landscaping plan. p. 32.
- Eting, G. V. - Reconstruction of a public park in Donetsk. p. 33.
- Green outpost of Skopovskoye. p. 34.
- Kotkov, I. I. - "Green belt of glory." p. 35.
- Project no. 66: Giprograd. p. 37.
- In the State Committee for Construction of the Ukrainian S. S. R. p. 40.

- Vol. 10, no. 11, Nov. 1968.
- Table of contents translated:
- Berkov, M. I. - City construction in the Ukraine should reach new quality levels. p. 1.
- Golovko, G. V. - Improve the training of architectural personnel. p. 3.
- Malyshenko, G. A. - The future of our cities, streets, and squares. p. 8.
- Mal'sk, M. M., and others. - Hygienic problems in modern city construction. p. 6.
- Sevasta, S. I. - Current problems of landscaping in Ukrainian populated places. p. 13.
- Medvedev, M. I., Kshapko, B. P. - Modern structural features of buildings. p. 16.
- Kashchuk, V. I. - Cable wall construction in the Ukrainian S. S. R. p. 19.
- Isayevich, V. E. - Pattern, standard, and creative individuality. p. 24.
- Gorova, L. M., Boisenberg, E. K. - Some problems of the concentration of construction work. p. 26.
- Kovalev, B. M. - Paramount importance of the quality of construction work in cities and settlements. p. 32.
- Kruglyak, B. F., Krash, L. S. - Economic efficiency of new facing materials for large-panel buildings. p. 38.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

- IZ OPTA PREPODAVANIA RUSKOGO Iazyka KRUPNIM [TEACHING RUSSIAN TO NON-RUSSIANS]. Issued by Kafedra russkogo yazyka Vysshego partinai skoly pri TsK KPSU [Department of Russian of the Higher Party School, Attached to the Central Committee of the CPSU]. Moscow, no. 4, 1968.

- KHEL JA KIRJANDUSE [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanduse Liit [Academy of Sciences of the Estonian S. S. R. and the Association of Writers of the Estonian S. S. R.]. Tallinn, vol. 13, no. 1, Jan. 1969. [In Estonian]

- NOVAIA INOSTRANNAIA LITERATURA PO IAKYEDOMAMU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1968.

- NOVAIA SOVIETSKAYA LITERATURA PO IAKYEDOMAMU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1968.

b. LITERATURE & FOLKLORE

- ASĀRĀHĀJĀN [ASERBAIJANI]. Organ of Azerbaidzhan [Association of Writers of Azerbaijan]. Baku, no. 11, Nov. 1968. [In Azerbaijani]

- RAIKAL. Organ of Borneo plantation Borneo ASSR [Association of Writers of the Borneo A. S. S. R.]. Ulu-Udu, vol. 14, no. 6, Nov.-Dec. 1968.

- DRONIA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tbilisi, no. 13, 1968. [In Georgian]

- DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Borneo plantation ASSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 30, no. 12, 1968.

- GRANI [FRONTIERS]. Published by "Posev." Frankfurt/Main, vol. 23, no. 58, Nov. 1968.

- KHOTUGU SULUS [STAR OF THE NORTH]. Yekotak, no. 2, 1968. [In Yekotak]

- MARODNYI UNIVERSITET: Fakul'tet Istorii i Iazykov [PEOPLES' UNIVERSITY: Faculty of Literature and Art]. Moscow, no. 11-13, 1968.

- MARI SOVREMENNOSTI [OUR CONTEMPORARY]. Organ of Borneo plantation RAIFER [Association of Writers of the R. S. S. R.]. Moscow, no. 13, Dec. 1968.

- NOVAIA SOVIETSKAYA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1968.

- NOVOM V KHENOM, NAUKKE, TEKHNIKE. Seriya "Literatura" [NEWS ABOUT LIFE, SCIENCE TECHNOLOGY, "Literature" Series]. Moscow, nos. 11-13, 1968.

- NOVYI MIR [THE NEW WORLD]. Organ of Borneo plantation ASSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 43, no. 8(100), Aug. 1968.

- Vol. 44, no. 7, July 1969.
- Table of contents translated:
- Kuliev, Kadyra - Stars of wind and the stars; verse. Translated from the Bulgarian. p. 7.
- Bely, V. - Carpenter's tales. p. 17.
- Shelov, Vasil. - Three poems. p. 27.
- Chokov, Vasil. - Two poems. p. 30.
- Kharshiev, Vasil. - Ballad of Jose Ransho. Translated from the Bulgarian. p. 36.
- Iskander, Fasil. - Gravelly; a story. p. 53.
- Warren, Robert Penn. - All the king's men; a novel. Translated from the English. p. 80.
- Krylov, M. I. - In the battle for Odessa (to be continued). p. 108.
- Verkhovskiy, M. - In one virgin region. p. 124.

- OCTYBER [OCTOBER]. Organ of Borneo plantation RAIFER [Association of Writers of the R. S. S. R.]. Moscow, vol. 43, nos. 8-9, June-Aug. 1968.

- PRATYU I KHENOM [THE WRITER AND LIFE]. Issued by Literaturnyi Institut and Borneo plantation ASSR [Literary Institute and the Association of Writers of the U. S. S. R.]. Moscow, no. 8, 1968.

- RADNAYE LITERATUROVEDENIE [SOVIET LITERARY REVIEW]. Organ of Institut Literaturnykh Nauchnykh Ispytaniy [Institute of Literary Studies of the Academy of Sciences of the Ukrainian S. S. R. and the Association of Writers of the Ukraine]. Kiev, vol. 10, no. 6, June; vol. 11, no. 11, Nov. 1968.

- ROMAN-GAZETA [NOVEL-NEWSPAPER]. Moscow, no. 23, 1968.

МАШИНОСТРОЕНИЕ И СТРОИТЕЛЬСТВО [MINE CONSTRUCTION]. Organ of Gosstatstroystvo komitet Doveda Ministroy SSSR po dal'mu stroitel'stva i Tsel'stral'moe prevle-nie Nauchno-tekhnicheskogo gosnauko obshchestva [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific and Technological Mining Society]. Moscow, vol. 12, no. 10, Oct. 1968.

Table of contents translated:

- Makarov, M. A. - Highly efficient boring rigs and machines for rotary-percussion drilling. p. 1.
 Trupak, N. G. - A method of rock freeing in the U.S.S.R. p. 3.
 Pankratov, A. A. - Electric mounted drilling equipment. p. 8.
 Chugarev, I. I. - Determination of mining costs. p. 7.
 Kuz'mov, V. A. - Bettering the quality of dressing drill bits, and improving working conditions of the grader. p. 8.
 Koshchev, V. D. - Selecting concrete mixtures for tube transportation. p. 11.
 Dobrovol'skiy, V. A., Mikhanchikov, V. A. - Organization of work and establishment of norms for mining with SO-11 complexes. p. 13.
 Chernomir, A. L. - Use of coal raising cater-loaders for building the "Zapadno-Donskaya" No. 4 mine. p. 16.
 Polubnikov, P. M. - Degradation during the loading of miners in the Donetsk Basin. p. 18.
 Husevskiy, E. D. - Building headframe towers for multistage hoisting with the aid of self-boosting cranes. p. 20.
 Dubit, N. A., and others. - Elimination of water leakage in the shaft of the "Krasnaya Zvezda" Mine. p. 22.
 Serikov, A. B., and others. - Deepening of shafts by the combined method. p. 24.
 Gorkov, P. I. - Shaft sinking through gold-bearing formations with the aid of the "Iskay". p. 27.
 At the Ministry of the Construction of Heavy Industry Enterprises of the U.S.S.R. p. 29.
 At the Ministry of Coal Industry of the U.S.S.R. p. 30.

Vol. 12, no. 11, Nov. 1968.

Table of contents translated:

- Bykov, A. V. - All-Union record of Gorkovskaya mine. p. 1.
 Petrov, L. P. - Mine builders of the Krasnaya Zvezda are ready for the Lada jubilee. p. 2.
 Shestakov, P. A. - Brimless freeing of rocks by circulation of superheated cooling agents. p. 4.
 Zaslavskiy, I. U., and others. - Sectional plate supports from universal blocks. p. 6.
 Belan, N. A., and others. - The "HKO" rotary percussion drill with hydraulic permeable mechanism. p. 10.
 Alrikh, A. A., Vavrik, N. I. - The BUE-2 drill. p. 12.
 Poked, G. G. - Resective resistance of the soil at the foundation sole of unfastened large-panel buildings. p. 14.
 Vrubov, A. A., Gurov, S. G. - Building of headframe towers by cable sections using helicopters. p. 16.
 Stetsko, E. L., Karashev, P. A. - Carrying out horizontal workings with the use of underground mobile freezers. p. 17.
 Gorkov, P. I., Lomonov, B. V., Mestalin, Z. Sh., Rebnik, A. A., and others. - Reinforcement of the "Shobegorskaya" (Gorkovskaya) Mine. p. 18.
 Karashev, N. F. - Mine shaft sinking at the building site of the Moscow subway. p. 21.
 Kondrat'ev, L. L., Borodin, N. K., Kuznetsov, M. V. - Excavating foundation pits for headframe towers under complex inconvenient conditions. p. 24.
 Lager, A. I., and others. - Rapid making of hydraulic engineering tunnels. p. 27.
 Rosenberg, F. I. - Miners are learning from experience of the brigade led by I. D. Zinchenko, Hero of Socialist Labor, Lenin Prize laureate. p. 28.

Vol. 12, no. 12, Dec. 1968.

Table of contents translated:

- Petrak, R. V., Lomonov, B. V. - Improvement of the design and building of headframe towers. p. 1.
 Kalashnikov, M. M. - Efficient sites of plugging entries in sinking vertical shafts by grouting. p. 2.
 Velezhin, V. D., Dubinin, V. A., Karpenko, V. I. - Advantages of using open radial thickness with floating lids. p. 5.
 Borok, V. G. - Calculating the value of the depth of charge used for the formation of underground blasting centers. p. 7.
 Maslov, L. M., Molokan, L. A. - Determination of stresses on circular steel supports by percussion method. p. 10.
 Melnikov, S. A., Mironov, M. T., Molokan, A. D. - Construction of inclines with SKU-KT scraper units. p. 12.
 Dudorova, A. M., Pavlov, V. V., Bol'shakov, M. I. - Conducting inclined operations in rocks subject to outbursts. p. 14.
 Lyubim, G. V., Orlov, A. L. - Rapid lateral drifting. p. 16.
 Vlasov, V. D., Koshcheyko, V. I., Pashchenko, A. M. - Preventing outbursts through into flooded shafts by the planar grouting method. p. 18.
 Mironov, M. T. - Reorganization of Mine No. 2 of the Leningrad Trust. p. 20.
 Abisiz, V. I., Bedarevskiy, V. M., Chernikov, V. A. -

Removal of rock protective pillars in mine shafts. p. 21.
 Bolotnykh, M. A., Shcherbakov, M. G., Maslov, A. M. - Mine drainage with jet pumps during the deepening of shafts. p. 22.
 Goshchinsk, P. P., and others. - Connection of water-bearing rocks in shaft sinking under complex mining geological conditions in Hungary. p. 24.
 Rozantsev, R. A., Medvedev, I. G., Karmasov, V. F. - Intersection by major workings and opening of coal seams prone to sudden outbursts of coal and gas. p. 26.

SOVIETSKAYA GRAZHANSKAYA [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Yerevan, no. 11, 1968. [In Armenian]

URAL. Issued by Sverdlovskaya obshchestva Soizna pisatel' SSSR [Sverdlovsk Branch of the Association of Writers of the U.S.S.R.]. Sverdlovsk, vol. 11, no. 11, Nov. 1968.

VOROSHELOV [RENAISSANCE]. Paris, no. 308, Jan. 1969.

ZNAMIA [THE BANNER]. Organ of Soizna pisatel' SSSR [Association of Writers of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Feb. 1969.

ZVEZDA [THE STAR]. Organ of Soizna pisatel' SSSR [Association of Writers of the U.S.S.R.]. Leningrad, no. 12, Dec. 1968.

12. GEOGRAPHY & GEOLOGY

1. GEOGRAPHY

AKADEMIA NAUK SSSR. Izvestia. Seriya geograficheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 5, Sep.-Oct. 1968.

Table of contents translated:

- Preparing for the 21st International Geographical Congress in New Delhi, India. p. 5.
 Mironov, M. M. - Soviet geography at the International Geographical Congress in New Delhi. p. 8.
 Division of India into economic regions: problems and plans. p. 11.
 Sushchikov, K. A. - Present-day classified cartography and the objectives of international cooperation. p. 17.
 Bol'shakov, M. I. - Russian factors in present changes in climate. p. 18.
 Dandarevskiy, B. L. - Fluctuations of climate and the problem of climate-type forecasting. p. 43.
 Bol'shakov, M. I. - Effect of Late Pleistocene glaciation in the Arctic Regions of Europe. p. 54.
 Dolgushin, I. U. - Effect of climatic fluctuations on the nature and conditions of the economic development of the central Ob' Valley. p. 56.
 D'yakov, P. V. - Development of new regions and economic complexes of the West Siberian Lowland. p. 64.
 Serikov, A. A. - Silt formations of the northern Caspian Sea region. p. 64.
 Chernomir, G. M. - Methods for studying the water balance of mountain regions based on the example of the Alps. p. 116.
 Alekseyev, P. M. - History of Marxist-Leninist ideas in the field of economic geography. p. 100.
 Grosveld, M. G., Kol'tsov, V. M. - International Congress of Glaciologists in Sweden and a trip to the glacial regions of Norway. p. 110.
 Tsvetkov, S. A., Melnikov, M. I. - Establishment of an international scientific and technological society for the study of ice. p. 112.
 Dandarevskiy, B. L. - Viktor Antonovich Bary, a member of the Academy of Sciences of the U.S.S.R.; on his 90th birthday. p. 114.
 Avdeyev, G. A., and others. - Boris Lvovich Dandarevskiy, on his 100th birthday. p. 116.
 Abramov, A. S., and others. - Edward Makarovich Murav'ev on his 90th birthday. p. 118.
 Amelin, A. A., and others. - Viktor Lvovich Shul'ts on his 90th birthday. p. 120.
 Ter-Oganesyan, I. A. G. - In memory of Academician M. P. Gorkovskiy. p. 121.
 Garbuz, I. U., L. L., Mikhalev, A. M. - The seventh plenary of the Interdepartmental Geomorphological Commission attached to the Department of the Earth Sciences of the Academy of Sciences of the U.S.S.R. p. 122.
 Agabekyan, O. R., and others. - XIII Nikolavskiy (the geobiosphere) obituary. p. 123.

AKADEMIA NAUK SSSR. Medvedevskiy geofizicheskii komitet. IX razdel' programmy MOG [Geofizicheskii komitet. IX razdel' programmy MOG]. Moscow, no. 1, 1968. [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Commission. 9th Section of the MOG Program. Glaciology. Papers]. Moscow, no. 1, 1968.

Contents: [Bary, V. I. - Basic morphological characteristics of Antarctica]. Osnovnye morfo- strukturnye kharakteristiki Antarkidy. 70 p.

No. 10, 1968.

Contents: Goshchinsk, G. M. [Formation of streamlines in mountain-glacier regions (based on studies in the central Tien Shan)]. Formirovaniye rechesnoy stoiki v gornolednikovykh rezhionakh (po issledovaniyam v Tsel'stral'mom Tien-Shane). 24 p.

AKADEMIA NAUK UCR, Kiev. More i okeany (fizicheskaya i matematicheskaya) [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Marine (Physical and Mathematical) Sciences]. Kiev, no. 6, 1967. Hydrophysical studies of the Pacific and Atlantic Oceans during the round-the-world voyage of the research vessel "Mikhail Lomonosov".

Table of contents translated:
 Bogdanovskiy, S. G., Lundberg, O. R. - Study of the Pacific and Atlantic Oceans by the expedition during the 10th voyage of the research vessel "Mikhail Lomonosov". p. 8.

Rhinov, M. V., and others. - Determination of the content and origin of artificial radionuclides in the atmosphere. p. 10.
 Orlovskiy, Z. G., and others. - Observations on the distribution of artificial radionuclides over the ocean. p. 17.

Gedonov, L. I., Orlovskiy, Z. G., Lyschinskii, L. V. - Distribution of ^{60}Co in the atmosphere over the ocean. p. 24.

Burakov, G. V., Romanov, V. I. - Content of strontium in the plankton of the Pacific and Atlantic Oceans. p. 30.

Burakov, G. V., Biliy, M. V., Orlovskiy, Z. G. - Accumulation of natural and artificial radionuclides by algae and plankton in the ocean. p. 32.

Kolenskoy, A. M. - Distribution of neoplankton in the waters of the Taimyr Archipelago. p. 38.

Krylov, A. I. - Radioactivity of bottom sediments based on expedition data. p. 43.

Rybnikov, I. U., Bogdanovskiy, S. G., Medvedev, A. A. - Vertical exchange in the Kermadec Trough region. p. 50.

Zhdanov, V. G., Pankratov, L. G. - Range statistics of observations on currents during the 20th voyage. p. 58.

Lundberg, O. R. - Periodic constituents in the Gulf Stream system. p. 64.

Mironov, A. A., Romanov, A. S., Bonch-Bruyevich, N. N. - Study of biochemical processes in samples of seawater. p. 78.

Romanov, A. S., Mironov, A. A. - Spectrophotometric determination of nitrate and nitrite nitrogen in seawater. p. 82.

Ardeev, A. I., Syrtsov, V. M., Chernomir, V. F. - Study of the relation of the dynamics of sound dispersing layers to illuminance. p. 88.

Klimov, V. V., Shchokov, A. A., Kharin, G. I. - Study of the small-scale interaction of the atmosphere and ocean by the help of a semiautonomous gas drift radiometer. p. 94.

Bogdanovskiy, S. G., Shchokov, A. P. - Direct effect of solar radiation on the temperature field in the tropical part of the Pacific Ocean. p. 99.

Shchokov, A. P., Bogdanovskiy, S. G. - Characteristics of the temperature field of the surface in the tropical part of the Pacific Ocean. p. 104.

Mikhovskiy, V. L., Borokina, M. A. - Main results of hydro-optical studies in the Pacific Ocean. p. 111.

Mikhovskiy, V. L., Romanov, V. I., Burakov, G. V. - Determination of suspension in the sea based on the values of the index of light attenuation by the water. p. 113.

Kermadec, P. S., Iakub, V. A. - Modernization of the electric equipment on the research vessel "Mikhail Lomonosov". p. 123.

Ardeev, A. I., Syrtsov, V. M. - Some data on the relief of the Toga and Kermadec Deep. p. 127.

Ardeev, A. I., Gellings, P. G., Syrtsov, V. M. - Influence of the relief of the Cayman Deep in the Caribbean Sea. p. 132.

Mikhovskiy, V. M. - Data processing system on the research vessel "Mikhail Lomonosov". p. 133.

Mironov, A. A. - Modernization of the ship computer "Drozd". p. 142.

Mikhovskiy, V. M., Gellings, P. G. - Automation of input of information in the data processing system. p. 147.

Ardeev, A. I., Syrtsov, V. M., Chernomir, V. F. - Apparatus for automatic gathering and transformation of information serving input and processing in electronic computers. p. 150.

Mikhovskiy, V. M., Gellings, P. G. - Automatic output tables (computers) in the data processing system. p. 154.

Mironov, A. A. - Organization of serving external devices in the data processing system. p. 157.

Tiupa, V. G. - Calculation of a ship's route on electronic computers. p. 161.

Chesnokov, N. I. - Determining a ship's route on electronic computers. p. 166.

Chesnokov, N. I. - Tying in measuring results in ocean dynamics. p. 173.

Mironov, A. A., Chernomir, V. F. - Transducer for measuring the yaw of a vessel. p. 178.

Mikhovskiy, V. L. - Bottom sediments of deepwater depressions. p. 180.

Bellavskiy, G. A. - Physicochemical properties of bottom sediments of the Pacific Ocean. p. 182.

Mikhovskiy, V. L. - Geological characteristics of bottom sediments in the western part of the Atlantic. p. 186.

Bellavskiy, G. A., Kleshchenko, E. A. - Characterization of physicochemical properties of bottom sediments of the Atlantic Ocean and results of their preservation. p. 193.

Mikhovskiy, V. L., Romanov, V. I. - Distribution of the element series in bottom sediments of the Pacific and Atlantic Oceans. p. 202.

No. 8, 1968. Automation of scientific research of seas and oceans; papers of symposium held in Sevastopol, May 28-June 2, 1967.

Table of contents translated:

Kolenskoy, A. G. - Automated system of gathering, transmission, and processing of information on ocean physical fields. p. 7.

Tsvetkov, F. M., Kormashenko, A. V., Tsvetkov, I. K. - "Controlled" as effective system for collecting

- Chernikov, P. A., Kravov, M. V. - Recent glaciation of the Igarka basin in the Dzungarian Alatau. p. 24.
Chernikov, P. A., Kravov, M. V. - Ablation of glaciers in the Igarka Testik basin of the Dzungarian Alatau. p. 25.
Dikrova, E. M., Kravov, M. V. - Meteorological and radiation conditions of the glaciation zone of the Dzungarian Alatau. p. 26.
Makarevich, K. G. - Balance of the mass of some small glaciers in the Trans-Ili Alatau. p. 27.
Palyuk, M. M. - Characteristics of some interconnections in the hydrological regime of the Central Tianshan Glacier. p. 28.
Pisikova, L. N. - Effect of the altitude and orientation of slopes on the duration of snow cover as revealed by a study made in the Malaya Alatau. p. 29.
Rozdov, I. S., Severaki, I. V. - Effect of avalanches on the formation of runoff in the central mountain zone of the Trans-Ili Alatau. p. 30.
Dmitrova, T. I. A. - Total radiation in the high-mountain zone of the Trans-Ili Alatau. p. 31.

- KIV, UNIVERSITET, Vlasik [UNIVERSITY, Review].
Serbia basaltit in basaltit [Serbia in Geology and Geography]. No. 2, 1967.
Table of contents translated
Berkov, O. D. - Principles of the regional geology of the Black Sea syncline. p. 2.
Berkov, O. D., Kuchuk, O. V., Kravov, M. V., L. S. - Characteristics of the distribution of rare alkali elements in granites of the Krasnodar' plateau. p. 11.
Vas'ko, V. M., Kolykova, V. K., Ovsyachenko, M. I. A. - Stratigraphy of the Ukrainian Shield. p. 21.
Krasovskiy, O. S. - Volcanic rocks of the Oskochaya basin. p. 22.
Kukla-Moravskiy, V. S., Lopynskiy, V. P. - Characteristics of jointing Upper Proterozoic rocks of Polesia. p. 27.
Dobrynskiy, I. I. - New data on Balatonian sediments of the Kiev region. p. 28.
Kuchuk, O. V. - Dendrogeomorphic waters in the steppe zone of the Ukrainian S. S. R. p. 44.
Kuchuk, O. V., Kuchuk, P. I. - Characteristics of the hydrogeological process under irrigation conditions. p. 47.
Kuchuk, O. V., Palashenko, V. I., Droboschod, M. I. - Utilization possibilities of underground waters of marl-chalk sediments of the Northern Donets-Orsk Interfluvium. p. 53.
Kuchuk, I. I., Dobrynskiy, I. I. - Permafrost aquifer of the Kiev region. p. 70.
Lashko, A. I. - Some local characteristics of the development of physical and geographic processes in the steppe zone of the Ukraine. p. 73.
Kosyuk, I. I. - Geomorphological structure of the Tetsiev Valley. p. 78.
Dobrynskiy, I. I. - Some problems of the theory of microclimates and the methodology of microclimatic studies. p. 84.
Pestovskiy, S. P. - Microclimate structure of the vegetation period of the Ukrainian Polesia. p. 89.
Kuchuk, P. I., Tikhonov, E. D. - New data on the chemical composition of atmospheric precipitation in the Kiev region. p. 93.
Kuchuk, P. I., V. M. - Changes in the geography of the iron industry in the capitalist world. p. 99.
Pisikova, L. N. - Regions of the industrial specialization of plant breeding in Cherkassy Province of the Ukrainian S. S. R. p. 106.
Mokhovskiy, S. S. - Some characteristics of prospects for settlement in Volyn' Province. p. 111.
Kuchuk, P. I., A. P. - Charts showing specialization of agricultural regions. p. 117.
Berkov, O. D. - Representation of the water regime of rivers on topographic maps of the U. S. S. R. p. 123.
Pisikova, L. N. - Maps of the construction of cultural centers, health, residential and household enterprises in complex regional schemes. p. 125.
Kuchuk, P. I. - General characteristics of the temperature regime of the air and the duration of the heating period in the Ukraine. p. 130.
Gavriluk, V. S. - Changes in natural landforms of Polesia under the influence of economic activities of man; as revealed by a study made in the Green basin. p. 137.
Belovskiy, I. I., Palashenko, V. I. - Conditions governing the formation of the chemical composition of underground waters of Bechak-Krasov sediments in the southeastern part of the Dnieper-Donets Depression. p. 143.

OBESCHIE VOPROSY EVOLYUTSIONNOY PALEOBIOLOGII (GENERAL PROBLEMS IN EVOLUTIONARY PALEOBIOLOGY). Issued by Institut paleontologii Akademii nauk Gruzinskoi SSR [Institute of Paleontology of the Academy of Sciences of the Georgian S. S. R.]. Tbilisi, no. 1, 1964.

- Table of contents translated:
Derzhavskiy, L. S. - Classification of biocoenoses and organic remains. p. 8.
Berkovskiy, V. I. - Daria, Miller, and Kuchuk and the development of biogeographic law. p. 13.

SIBIRSKIY NAUCHNO-ISLEDOVATELSKIY INSTITUT GEOLOGII, GEOFIZIKI I MINERALNOGO SYTYIA. Trudy [SIBIRIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions]. Leningrad, no. 87, 1967. Materials on the regional geology of Siberia.

- Table of contents translated:
Khalifa, L. L. - Principles of sequence in the formation of geological bodies (principle of Steno).
Rule of sequence in building (rule of Steno-Batton). p. 5.
Foliedt, E. K. - Main characteristics of the tectonic structure of Siberia in the light of geological and geophysical data. p. 20.
Vlasov, M. K., and others. - Basic characteristics of the geological development of the Sayan-Alai fold area. p. 54.
Mikhaylov, A. P. - Practice in the genetic classification of troughs as a basis for the tectonic regionalization of the central part of the Sayan-Alai fold area. p. 61.
Starostin, V. S., Lebedev, V. M. - Periglacial sedimentation in the southwestern part of the Siberian Platform. p. 64.
Ginzburg, A. B. - History of the geological development and the paleogeography of the western part of the Sayan-Alai area in the Ordovician. p. 83.
Krasov, V. I. - Breccia in Devonian cross sections of some regions of the Sayan-Alai area. p. 116.
Berkov, A. S. - Some characteristics of the Devonian volcanism of the Khatanga-Khatanga trough. p. 123.
Ayskikh, V. K., Shakhin, B. B., Shabanov, I. I. A. - Stratigraphic division of Proterozoic and Cambrian sediments in the Igarka region. p. 123.
Mikhaylov, A. P., and others. - Age of the Chingiz series of the northern slope of the Western Sayan mountains. p. 130.
Abramov, A. V. - Interrelationship of the Angri and Amur series of the Krol-Kofa basin (Western Sayan Mountains). p. 134.
Vlasov, M. K., Ginzburg, A. B. - Type cross section of Ordovician sediments in the north-eastern part of the Amur-Chingiz synclinal zone in the Gorny Alai. p. 141.
Berkov, V. M. - Ordovician stratigraphy of the Murovskiy basin in the Western Sayan Mountains. p. 144.
Golovinskiy, B. V., Krasov, A. I., Basmalova, R. N. - New data on Lower Carboniferous sediments in the northeastern part of the Gorkovskiy basin. p. 173.
Shakhin, B. B., Krasov, V. I. - Coal-bearing Miocene of the upper Vaynag Valley. p. 183.

SOVIETSKAYA GEOLOGIYA (SOVIET GEOLOGY). Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U. S. S. R.]. Moscow, vol. 11, no. 11, Nov. 1968.

- Table of contents translated:
Prokova, T. I. - Primary magmas of volcanic formations of the eastern slope of the southern Urals, the role of differentiation and assimilation in their formation. p. 3.
Akhmedov, L. M. - Metallogeny of the southeastern and central Pamirs. p. 10.
Golovinskiy, B. V. - Stratigraphy of Middle Paleozoic sediments of the western coast of the Sea of Okhotsk in the Amur region. p. 37.
Mokhovskiy, S. S., Chistovskiy, A. A. - Orogenic stage in the development of the Balaklavan geosyncline. p. 47.
Trofimov, V. I. - Shape, size, and composition of kimberlite bodies. p. 53.
Mokhovskiy, S. S. - Wall rock alterations in pyrite deposits of the Central Dnieper. p. 60.
Berkov, A. P., Davidenko, I. V., Kuchuk, M. K. - Composition of granite pegmatites of the Marna Valley. p. 61.
Kuchuk, P. I. - Geotectonic history of interstitial waters of sea genesis. p. 64.
Krasov, V. I. - Geologic and economic regionalization and its tectonic basis. p. 111.
Berkovskiy, B. V. - Birth of M. A. Kuchuk. p. 120.
Dmitrova, T. I. - Crustal structure in the region of the Mangyshlak Peninsula. p. 123.
Anisimov, A. M., Dubrovskiy, G. K. - Crustal cross section in northern Kazakhstan based on deep seismic sounding. p. 127.
Berkovskiy, S. S. - Transverse structures and magmatism of the Western Tianshan Range. p. 133.
Berkovskiy, A. A., Mikhaylov, I. G. - Experimental studies of the effect of the shape and movements of basins on the formation of local platform structures. p. 133.
Berkovskiy, M. I. - Diastrophism in the waters of the Dnieper-Donets oil- and gas-bearing basin and problems of the water exchange in deep horizons. p. 141.
Gidra, I. A. L. - Prospecting for sulfide deposits of the Baidary Alai using methods of borehole geophysics. p. 145.
Berkovskiy, G. K. - Analysis of the distribution of peridotites and serpentinites in Balaklavan deposit

- according to volume weight, geochemistry of sampling, testing, and analysis. p. 153.
Mokhovskiy, S. S. - Characteristics of the tectonic of impurity elements in granites of the (Mangyshlak) region. p. 156.
Berkovskiy, V. P. - Conference on mineral resources for neoproterozoic areas. p. 161.
In memory of L. B. Labrovich. p. 166.

SEKONIA KORA I DEIATEL'NOST' CHLOVEKA (THE EARTH'S CRUST AND HUMAN ACTIVITY). Issued by Vsesoyuznyy nauchno-issledovatel'skiy institut geologii i tektoniki (All-Union Research Institute of Hydrogeology and Engineering Geology). Moscow, 1967.

- Table of contents translated:
Berkovskiy, A. V. - Earth's crust and man's activity. p. 4.
Mokhovskiy, M. L. - Problems "Earth's crust and man's activity." p. 12.
Kolonovskiy, M. V. - Processes in the earth's crust from the viewpoint of engineering geology. p. 2.
Tolstoy, M. P. - Man's activity and engineering geology. p. 2.
Berkovskiy, V. D. - Problems in studying the earth's crust under the effect of human activity. p. 24.
Kuchuk, V. M. - Indivisibility of natural waters. p. 24.
Vlasov, S. V. - Landforms as a basis for engineering geology and engineering geology. p. 40.

13. SCIENCE

a. GENERAL

AKADEMIYA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 123, no. 2, 1968.

- Table of contents translated:
MATHEMATICS
Anisimov, E. A., Chudakov, M. L. - Minimization of functionals in conjugate quadrature. p. 141.
Arnshteyn, V. I. A. - Optimum systems of control series with approximate coefficients. p. 21.
Berkovskiy, S. S., Mokhovskiy, A. M. - Asymptotic value problem for a mixed parabolic-hyperbolic type of equation. p. 21.
Berkovskiy, N. A. - Construction of regular differential equations. p. 26.
Berkovskiy, V. M., Krasovskiy, M. A. - Solution of a set of solutions of dissipative systems. p. 21.
Berkovskiy, M. G. - Asymptotic behavior of the solution of the boundary value problem for a parabolic equation. p. 270.
Berkovskiy, M. G. - Group classification of differential equations of the second order. p. 274.
Lashko, M. A., Gidovskiy, D. M. - Fixed point theory for generalized dissipative operators. p. 214.
Mokhovskiy, I. V. - A nonlinear system of differential equations. p. 280.
Mokhovskiy, V. P. - A boundary value problem for the Neuman-Bokos equations. p. 284.
Mokhovskiy, V. P. - An analog of the Neuman-Bokos equations for hyperbolicity. p. 288.
Berkovskiy, P. B. - Differential equations with bounded operators generating bounded groups. p. 302.
Berkovskiy, B. - L. B. Berkovskiy type boundary value problems for elliptic operators. p. 306.

CYBERNETICS AND REGULATION THEORY
Gidovskiy, R. - Contribution to the theory of the optimal conditions for the optimality of spatial control. p. 304.

HYDRAULICS
Berkovskiy, V. L., Kuchukov, A. N., Lashko, M. A. - Equations and boundary value problems in the theory of two-phase percolating flows through porous medium. p. 307.

PHYSICS
Kuchuk, M. I. - Jumping transfer in a disordered lattice. p. 311.
Lashko, E. D. - Townsend's localization method for the with allowance for indirect transitions. p. 311.
Mikhlin, E. K. - Quasi-steady states in a constant potential well. p. 310.

GEOGRAPHY
Berkovskiy, E. M. - Solution of a nonlinear problem bearing on nonsteady-state atmospheric circulation on a planetary scale. p. 323.
Dmitrova, A. D., Gerasimov, V. K. - Second experiments to establish the ion-molecular reaction rate directly in the ionosphere. p. 324.

CHEMISTRY
Vlasov, A. P., Podolskiy, A. M. - Influence of iron-donor additions on the cycle of polymerization of butadiene in stereospecific polymerization. p. 325.
Gidovskiy, E. K., and others. - Synthesis of

semiconducting compounds with branched chains consisting of silicon and germanium atoms. p. 334.

Kozlovskii, V. A., Kozlovskaya, A. I., Fedorova, E. I. - Spectra of diamines with counterionized systems. Bathochromic effect in acylation. p. 341.

Kulsh, M. I., Parnas, Z. M., Kuznetsov, D. M. - Reaction of alkyl chlorides with triethylamine in acid medium. p. 345.

Kuznetsovskii, G. R., Vlodavets, I. M., Rabinder, P. A. - Processes of formation of new phases from aqueous solutions of polyvinyl alcohol. p. 348.

Lazarev, A. M., and others. - Existence of complex anions $[HfO_4O_7]$ in solid solutions of $Ba_2Hf_2O_7$ - Ba_2O_7 . p. 353.

Neustikov, A. M., and others. - Structure of cyclopentadienyl derivatives of nontransition metals of periods V and VI. p. 354.

PHYSICAL CHEMISTRY:

Almasov, B. L., Kvitkova, V. I., Malashev, G. G. - Certain catalytic hydrates studied by NMR. p. 359.

Orlovskii, V. I., and others. - Gamma-resonance spectra of coordination compounds of $Ba(II)$. p. 364.

Gromov, V. V., Epitsyn, V. I. - Shifts in ion exchange between rhodopsin crystals and saturated solutions of $BaSO_4$. p. 368.

Krasov, V. V., and others. - Maximum concentration of aluminum determined by means of a model reaction between aluminum and methylal. p. 371.

Krugla, V. A., and others. - Tension deformation of MCF-14 rubber studied by means of electron microscope. p. 374.

Kuchakov, M. K., and others. - Mechanism of radiolysis of aqueous solutions of ribose. p. 378.

Lavrov, L. A., Kaganova, Z. I., Shilapnikov, I. A. - Generation of the reaction front in the inhibited oxidation of a solid. p. 379.

Medvedev, K. P. - Theory of the acoustic conglutination of aerosols. p. 383.

Potapov, V. K. - Mechanism of ion-molecular reactions. p. 384.

Rakshinskiy, A. M., and others. - Frozen solutions containing magnetic ions and hydrogen atoms studied by means of electron spin echo. p. 389.

Smir, A. G., and others. - Effectiveness of radiation-induced cross-linking depending on the extent of polyolefin crystallinity. p. 393.

CHEMICAL TECHNOLOGY:

Volkov, G. M., Kalugina, V. I., Sytkov, K. I. - Certain physical and chemical properties of carbopyrocene. p. 395.

Ruchinskii, V. P., and others. - Use of vitreous dispersed layer in the processes of gas reduction of metal oxides. p. 398.

GEOLOGY:

Aliev, A. G. - Age of flora from the Taldyk River in the Maritime Territory. p. 401.

Deviatkina, E. V., Zakhigina, V. B., Liston, I. G. - First finds of Pliocene small mammals in Tuva and western Mongolia. p. 404.

Krasov, V. A., Kuznetsov, I. A., Alypova, G. M. - New data on the composition and age of the Almy series in southernmost Kamchatka. p. 408.

Mamonov, V. P., Khalilova, A. K. - Age of the upper part of Jurassic limestones and shales of the Chardzhou step of the Aral Darya Depression. p. 412.

Melamed, E. V. - Middle Jurassic boreal ammonites of Siberia and their stratigraphic significance. p. 416.

Radzinskaya, T. B., and others. - New data on the stratigraphy of Late Ordovician and Lower Silurian sediments of the Chu-Ili Mountains. p. 420.

Chudin, V. M., Kabilak, A. I. - Presumably basaltic sheets on the western slope of the Anzhar Shield. p. 424.

HYDROGEOLOGY:

Kuznetsovskii, M. P., Gornitskaya, I. A., Gromova, V. M. - Salinity and the composition of interstitial waters of Devonian clay-marly rocks in the region of the Kurovskaya salt deposit. p. 428.

MINE GEOLOGY:

Kolovrat, L. P., Borisov, E. V., Belov, M. V. - Crystallographic structure of $Fe_2(Mn, Mg)(Fe, Ca)TR$ ($TR = [Zn, Mg, Fe, Mn](SO_4)_2$). p. 432.

GEOCHEMISTRY:

Kaplan, V. M., Cherdynchev, V. V. - Fumarole gases containing radon and thoron. p. 435.

Lavrov, L. M., Mikulina, I. B. - Characteristics of the chemical composition and ore potential of thermal springs in the Chalko deposit. p. 439.

Brizlov, V. V. - Chemical composition of chabazite of the Ural. p. 442.

OCEANOGRAPHY:

Belikov, M. - Planktonic Foraminifera in the sediments of the Atlantic Ocean. p. 445.

CYTOLOGY:

Kashchinskii, I. U. M., Iskra, I. I. - Use of fluorescence microscopy for studying chromosomes. p. 449.

Pustov, M. A., Tikhonova, L. A. - Ultrafine structure of the nuclear apparatus of leishmanial cells during cyst stage of protozoa. p. 451.

HISTOLOGY:

Dmitriyev, A. V. - Histogenesis of neurosecretory

cells of the paraventricular nucleus of the hypothalamus in Peking ducks. p. 453.

HYDROBIOLOGY:

Bordits, I. U. - Mechanism of hydrogen sulfide oxidation in the bodies of water and the efficiency of using oxidation energy in biosynthesis. p. 455.

MICROBIOLOGY:

Sevel'skaya, M. D. - Phagolysis of hydrogen bacteria in autotrophic media. p. 459.

BIOPHYSICS:

Andronikashvili, K. L., Mirvaliev, G. M. - Study of water condition in ophthalmic tissues by calorimetric method. p. 463.

Dostov, I. A. E., and others. - Effect of permanent magnetic fields on the spontaneous ultraviolet fluorescence in plants. p. 464.

Krasovskii, A. A., Krotkova, L. B. - Conditions for excitation and deactivation of fluorescence of phycoerythrin. p. 470.

PLANT PHYSIOLOGY:

Pisarev, V. K., Baturkina, A. A. - Content of oligosaccharides in grain and the front resistance of winter crops. p. 474.

Semenov, A. D. - "Short memory" in plants. p. 476.

ZOOLOGY:

Baranov, V. V. - Taxonomic relationships of rockfishes of the genus *Sebastes* in the northwestern part of the Atlantic Ocean. p. 479.

PHYSIOLOGY:

Godovikov, M. M., and others. - New principle of controlled myoelectricity. p. 483.

Griderich, V. L., Khasanova, M. I. - Central transmission of impulses coming from head receptors to the nervous system of wing muscles in a locust. p. 484.

EMBRYOLOGY:

Kozlovskaya, A. A., Ignatieva, G. M. - Relationship between the processes of karyo- and cytobiosis during synchronous cleavage divisions in *Megascops* *Acquila* L. p. 494.

Meisner, A. A., Krieger, M. R. - Protein synthesis in the embryonic development of sea urchin following irradiation of oocytes. p. 493.

HEALTH LOGIC (HEALTHY MATTER) issued by East NV Tsentr Akademiya (Academy of Sciences of the USSR S.S.R.). Tallinn, vol. 11, no. 12, Dec. 1968. [In Russian]

FAN VA TURKUM (SCIENCE AND LIFE) issued by Akademiya Nauk Uzbekistan SSR (Academy of Sciences of the USSR S.S.R.). Tashkent, no. 12, Dec. 1968. [In Uzbek]

MAUKA I ZHENI (SCIENCE AND LIFE). Issued by Vsesoyuznoye obshchestvo "Znanie" ["Knowledge"] All-Union Society. Moscow, no. 8, 1969.

PRIRUCHA (MATURE). Issued by Akademiya Nauk SSSR (Academy of Sciences of the USSR S.S.R.). Moscow, no. 11, 1968.

Table of contents translated:

Alkhimov, A. I. - Electron acceleration of 6 billion electron volts. p. 3.

Tamara, I. E. - Evolution of the quantum theory. p. 17.

Porell, S. Y. - From the history of the discovery of r- and k-mesons. p. 23.

Ukrainev, I. U. A. - Golden section. p. 23.

Krylov, I. M. - Oldest traces of life on earth. p. 41.

Bogdanov, D. V. - Tropical waters of the world ocean. p. 50.

Elphinstone, I. E. - Ultrasonic and the synthesis of organic substances. p. 64.

Ponikvarskii, S. L. - Search for the 108th element. p. 71.

Likhov, G. M. - With the eyes of ancient artists. p. 74.

Krasovskii, A. M., Mirvaliev, G. M. - Is there life on Venus? p. 77.

Anisimov, G. V., Karakhanov, R. A. - Fourth International Congress on Catalysis. p. 79.

Khalilov, S. A. - Siberian pine. p. 80.

Kalibovskii, P. G. - P. K. Shubert, a scientist and revolutionary. p. 90.

Friedman, V. M. - West Pakistan and Central Asia. p. 98.

Kanayev, I. M. - Travertine in vegetable gardening. p. 102.

Lavrov, V. P. - Trillium-framed orchard in the vicinity of Moscow. p. 104.

Karpovskii, S. F., Lektin, A. A. - Soviet instruments on the moon. p. 109.

Vladimirov, E. V., Kofala, M. A. - Solar and terrestrial physics. p. 109.

Conditioned reflexes are not inheritable. p. 118.

Weather characteristics in the summer of 1968. p. 124.

No. 12, 1968.

Table of contents translated:

Kovda, V. A., Romanov, B. G., Samoilova, E. M. - Soil map of the world. p. 3.

Gokhshvili, A. I. - Surface tension of solid bodies. p. 8.

Turek, A. P., Radchuk, N. G., Donskoy, V. V. - Metals in nucleic acids. p. 19.

Borisov, V. V., Shvach, S. B. - Mice in Antarctica. p. 22.

Favorkina, M. A., Tomson, I. M. - Salience in search for ore deposits. p. 30.

Obershteyn, F. B. - Mystery of learning cycles. p. 45.

Jurass, A. Monas. - Pictures in the caves of Cuba. p. 51.

Ivanov-Kholodnyi, G. S., Antonova, L. A., Krasovskaya, T. V. - Spilling out electrons. p. 59.

Orlovskii, A. F. - Photocatalysis. p. 61.

Koplov, I. U. - Modeling comet behavior. p. 63.

Makina, D. P., Langin, B. K. - Ancient wonder reef in the Crimea. p. 64.

Meisner, K. M., Prop, M. V. - Largest octopus of Antarctica. p. 65.

Tarlov, V. A. - Mammoth looked different. p. 69.

Krivosheina, V. V. - Soils of the Far North need care. p. 73.

Krasovskii, A. - Living monument of friendship of many centuries. p. 78.

Stas, I. I. - How to save the Caspian Sea. p. 78.

Ostrovskii, K. O., Umanov, S. - High in the mountains. p. 80.

Prori D. M. Amshin's correspondences. p. 82.

Gulina, V. M. - Microbiology in the service of national economy. p. 91.

Bol'shakov, V. M. - Field mice build walls. p. 92.

Petrovskii, I. U. M. - Experimental analysis of the chemical composition of Venus atmosphere. p. 95.

Shurlov, V. I. - Relationship between world and anti-world. p. 96.

Ivanovskii, P. P. - Underground waters as creators of petroleum and gas pools. p. 97.

Krasovskii, V. I. - Characteristics of the distribution of useful ores. p. 98.

Characteristics of the lunar stage. p. 100.

To oases lovers. p. 100.

Gerasimov, V. A. - Obituary notice in the Balkan Valley. p. 114.

KNANEN-SILA (KNOWLEDGE IS POWER). Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskoy obshchestvennoy pri Gosplane SSSR [State Committee for Industrial Training. Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 43, no. 12, Dec. 1968.

h. ASTRONOMY

AKADEMIYA NAUK UZBEKISTAN SSR. Tashkent. Astronomicheskii institut. Tashkent. [ACADEMY OF SCIENCES OF THE USSR S.S.R. Astronomical Institute. Tashkent.]. Tashkent, no. 1(244), Feb. 1969, nos. 2-5 (249-253), May-Sep. 1967.

ASTRONOMICHESKII KHURNAL (ASTRONOMICAL JOURNAL). Issued by Akademiya Nauk SSSR (Academy of Sciences of the USSR S.S.R.). Moscow, vol. 44, no. 8, 1968.

Table of contents translated:

Ozerov, L. M., Chernin, A. D. - Hypothesis on "photon vortices" and formation of protogalaxies. Part 2. p. 117.

Karachevskii, I. D., Lipovskii, V. A. - Concerning the absorbing matter in the clusters of galaxies. p. 118.

Lovinskaya, T. A., Karpov, V. F. - Spectrophotometry of the ratios of components of supernovae IC 443 and NGC 885. p. 123.

Petrovskii, I. U. F. - Initial moment of the outburst and mass of ejected shell of a supernova. p. 126.

Kadetskiy, D. K. - Self-similar solution for collapse under the action of energy losses by neutrino radiation. p. 128.

Dubai, M. A., Karpov, V. F. - Observations of the emission line H_{α} in the nucleus of radio galaxy VLA p1171. p. 129.

Kozlovskii, V. I., Mironovskii, L. I. - Variation of the flux densities of some radio frequency radiation sources at the 1700 Mc. frequency. p. 130.

Korotkiy, A. A., Piatov, I. V. - Evolution of high-temperature regions under cosmic conditions. p. 135.

Cheremushinskii, A. M., Gosharskii, A. V., Igola, A. G. - Interpretation of light curves of eclipsing systems under conditions of monotony of unknown functions. p. 138.

Takhtel'skii, V. M. - Theoretical values of coefficients of darkening to the edge. p. 137.

Borova, L. A. - Quasi-classical approximation for oscillator strengths and effective cross sections of radiative transitions. p. 133.

Gedling, A. V. - Magnetic fields in accretive shells of the supergiant stars. p. 133.

Pozdnyakov, M. M. - Spectral measurements of low Stokes parameters for the light scattered by natural objects. p. 133.

Kholopov, P. M. - Structure of stellar clusters and masses of stars forming them. p. 134.

Artisheva, M. M. - Structure of planets. p. 134.

Shalova, R. B. - Black distribution of stellar velocities. Part 3: Ellipsoidal approximation. p. 134.

Mironovskii, L. I. - Motion of a star in the gravitational field of the condensed interstellar gas. p. 134.

Gedling, I. L. - Gravitational instability in rotating systems. p. 137.

Kozlovskii, R. A. - Method of determination of the circular orbit of artificial earth satellites from three observations when only one instant is known accurately. p. 137.

Akseyev, E. P. - Chronological equations of satellite motion. p. 134.

- Chakhera, N. A. - Gravitational field and the linear figure. p. 1263.
- Baryshev, A. P., Bittak, G. F. - Role of electronic impact in the destruction of CO molecules on the sun. p. 1263.
- Kotlov, L. M., Georgiev, G. L., Kontorovich, V. M. - Radio frequency lines of interstellar NO molecules. p. 1264.
- Papov, M. V. - Absolute dimensions of some eclipsing variable systems and the problems of stellar evolution. p. 1265.
- Arshipova, V. P. - Photoelectric observations of model of the planetary nebulae He 1-5 and NGC 1814. p. 1272.
- Moskova, E. I. - Absolute spectrophotometry of some infrared lines in spectra of planetary nebulae. p. 1276.
- Ustinova, T. A. - Problem of the space structure of a galactic dust layer and its relation to the visible brightness of the Milky Way. p. 1318.
- Kovell, A. G., and others. - Emission spectra of some molecular gases, excited by fast electrons, in the infrared region of spectrum. p. 1319.
- Plitnik, G. P. - Conversion into a new system of fundamental constant coefficients of the E. Woodard theory of the tidal irregularity of earth's rotation. p. 1329.
- Sezen Karamazovitch Khalkin 1901-1988. p. 1338.

NAULI DENDIA EKUSTVENNYKH SPUTNIKOV ZEMLI (OBSERVATION OF ARTIFICIAL SATELLITES OF THE EARTH). Issued by Rossiya po nauke i tekhnologii i sotsialno-ekonomicheskimi razvitiyem (Russian Academy of Sciences) in cooperation with the International Commission for Artificial Satellites of the Earth (ICASE) [Commission for Artificial Satellites of the Earth]. Moscow, no. 5, 1977.

- Table of contents translated:
- Ivan Alekseyevich Gagarin's obituary. p. 3.
- Kiselevich, A. G., Morozovskaya, K. P. - Ten years of international cooperation in the field of optical observations of artificial earth satellites. p. 8.
- Shagolev, D. R. - From the history of astronomical observations of artificial earth satellites. p. 12.
- M. M. - Scientific application of the results of ground-based visual observations of artificial earth satellites. p. 14.
- Origerovskii, V. M. - Studies based on photometric observations of artificial earth satellites. p. 22.
- Observations of artificial earth satellites in the Soviet Union. p. 28.
- Veterans of optical observations of artificial earth satellites. p. 34.
- Observations of artificial earth satellites in Bulgaria, Hungary, German Democratic Republic, Poland, Rumania, and Czechoslovakia. p. 40.
- International conferences of the observers of artificial earth satellites. p. 46.
- Illustrations. p. 46.

NOVOE V ZHENI, NAUKE, TEKHNIKE. Series "Fizika, astronomiya" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Physics and Astronomy" Series]. Moscow, no. 11, 1984; no. 1, 1985.

TARHON. ASTRONOMICHESKAYA OBSERVATORIA. Tshukhar [ASTRONOMICAL OBSERVATORY. Circular] no. 246-247, Oct.-Dec. 1984.

VILVA. ASTRONOMICHESKAYA OBSERVATORIA. Bulatnitsa. Bulatnitsa [ASTRONOMICAL OBSERVATORY. Bulletin]. No. 23, 1984.

a. BIOLOGY

AKADEMIA NAUK SSSR, Ural'skii filial, Sverdlovsk. Institut ekologii i razvitiya prirody [ACADEMY OF SCIENCES OF THE U.S.S.R., Ural Branch, Institute of Ecology and Natural Resources]. Transactions. No. 66, 1977.

Contents: Shapovalov-Karavayev, N. T. [Apophyses of the Ural region] *Antropologiya i fizika*. 1979 p.

No. 53, 1977. Types and dynamics of forests of the Urals and the trans-Ural region.

- Table of contents translated:
- Kolokolov, B. P. - Some problems of the development of forest typology. p. 3.
- Kubareva, E. S. - Forest ecology and dark green conifer forest types of the alpine zone of the Central Urals. p. 13.
- Fil'rov, E. M. - Forest zones of the Muzayskaya Lumber Industry Management (Southern Urals, Obshchinsk Priradoy). p. 60.
- Fil'rov, E. M. - System of the genetic classification of forest types in the ridge of the eastern slope of the southern Urals and the northern forest steppe of the East Ural peninsula. p. 130.
- Lashov, M. D. - Developing the outlines of tables of the growth scores of tree stands with the help of simplified forest location data. p. 197.
- Fizova, V. P., Kibak, G. A., Rikhsimova, G. K. - Effect of vertical changes on chemical and microbiological properties of turf-Podolica soils of the trans-Ural region. p. 198.

Vegorin, A. M. - Kondasovo pine forest. p. 198.

Kondin, G. E. - Effect of forest fires on the age structure and growth of northern taiga swampy pine forests of the trans-Ural region. p. 207.

BIOLOGIA MORIA (BIOLOGY OF THE SEA). Issued by Institut biologii i razvitiya morskikh resursov (Institute of Biology of the Southern Seas of the Academy of Sciences of the U.S.S.R.). Kiev, no. 14, 1983. Parasites of marine animals.

- Table of contents translated:
- Mikolayev, V. M. and others. - Studies of the Parasitology Laboratory of the Institute of Biology of the Southern Seas of the Academy of Sciences of the U.S.S.R. from 1934 to 1984. p. 5.
- Dellacasa, S. L. - Study of helminths of marine mammals of the world ocean conducted by the Zoology Department of the Crimean Tatars' Institute from 1933 to 1968. p. 14.
- Dellacasa, S. L., Paruchin, A. M. - New Dipyllobothrium, a parasite of South African fur seal. p. 23.
- Trushchikov, V. V., Serdyukov, A. M. - Trichocephalus problem in the Aralo. p. 24.
- Ustinov, M. V., Trushchikov, V. V., Serdyukov, A. M. - Materials on helminths of Pinnipedia of Bering and Okhotsk Seas. p. 26.
- Zak, V. M. - Protocyst parasitizing on fishes of the Black Sea. p. 41.
- Kovalova, A. A. - Effect of age and food composition on helminths of Trachurus mediterraneus pinnatus. p. 47.
- Kovalova, A. A. - Helminths of Trachurus trachurus L. off the shore of southwestern Africa. p. 54.
- Maidenov, M. M. - Sporozoan Ophidion ophidion sp. nov. from Gobius ophidionellus Pallas of the Black Sea. p. 64.
- Maidenov, M. M., Mikolayev, V. M. - Macroparasites of some bottom fishes of the Mediterranean basin. p. 63.
- Mikolayev, V. M. - Occurrence of Acanthocephalus larvae in fishes and invertebrates. p. 69.
- Solomonov, A. L. - Parasites of Scophthalmus maximus living in the Atlantic Ocean near the coast of southwestern Africa. p. 69.
- Paruchin, A. M. - Fish helminths in the southern Atlantic. p. 66.
- Dolgin, A. V. - Mollusk helminths in the northern part of the Black Sea. p. 124.
- Dolgin, A. V. - Some characteristics of the biology of cercariae of Boscogaster boscogaster (Rud., 1819). p. 127.

BIOLOGIA V SHKOLIE (BIOLOGY IN SCHOOLS). Organ of Ministerstvo prosvetsheniya SSSR (Ministry of Education of the U.S.S.R.). Moscow, no. 3, Mar.-Apr. 1984.

BOTANICHESKII KHURNAL (BOTANICAL JOURNAL). Organ of Vsesoyuznoe botanicheskoe obshchestvo (All-Union Botanical Society). Moscow, vol. 13, no. 11, Nov. 1984.

- Table of contents translated:
- Smylyuk, V. A. - Early angiosperms within the territory of the Soviet Union (based on the study of leaves and fruits). p. 1817.
- Iuriev, B. A., Zhukova, P. G. - Polyploid series and taxonomy (based on the analysis of some groups of Arctic leguminous plants). p. 1831.
- Dudakov, M. F., Vasiliev, A. E., Mironov, E. A. - Nature of so-called lichen-like and some characteristics of the protoplasmic surface of plant cells. p. 1843.
- Kashin, V. B. - Relationship between mother and daughter fronds in growth process of smaller deciduous (Larix sibirica L.). p. 1848.
- Omer, I. D. - Change in the radial flora of Leningrad Province during the last 100 years. p. 1848.
- Dorogovskaya, M. V. - Antropogennaya flora of the Far North of the U.S.S.R. p. 1850.
- Melnyuk, M. V. - Characteristics of the vegetation structure of moist tundra types in the central Fennoscandia (western Taymyr). p. 1850.
- Golubev, I. V. - Dynamics of seed production of Trichomanes sibiricum L. and Selaginella selaginoides L. populations under different phytocenotic conditions of the Moscow steppe. p. 1854.
- Rashnikov, P. B., Koshchikov, M. E. - Characterization of phloem elements in different sections of the aspen (Populus tremula L.) trunk. p. 1855.
- Stepina, E. I., Karavayeva, I. V. - Structural characteristics of the development of polystichous-berberis form of corn stem caused by Ustilago maydis (DC) Cda. p. 1857.
- Malotsev, V. I. - Structural characteristics of the stem and leaf sheath of winter rye grown in two-lined type and continuous rows. p. 1873.
- Chabik, V. A. - Bud formation in Pinus sibirica L. p. 1877.
- Lishte-Kisileva, B. P. - Distribution and ecology of Trichomanes sibiricum Rupr. in the Lithuanian S.S.R. p. 1884.
- Maksimovskii, G. Sh. - Brief ecophysiological and phytocenological characteristics of some edificators of the subalpine vegetation in the Central Caucasus. p. 1885.
- Kalagin, I. U. - Mangrovia of biot. p. 1888.
- Bobrov, E. G. - Biocenosis of physical expeditions of the Academy of Sciences. p. 1847.
- Avish, V. P. - In memory of Mikhail Petrovich Tomin (July 25, 1902-May 20, 1987). p. 1888.
- Sobolevskii, M. N., and others. - Mikhail Nikolayevich Koshchikov on his 70th birthday. p. 1884.
- Dolgov, A. I., Kovalova, S. E., Maier, M. M. - Aleksei Ivanovich Vredemskii on his 70th birthday. p. 1886.
- Korobov, A. A., Gerasimovskii, P. L., Melnyuk, M. V. - Symposium on vegetation dynamics in the German Democratic Republic (March 30-31, 1987). p. 1888.

KISTI KSV TRADUSTI AKADEMIA. Tetradist. Biologia. Irvestia Akademi na Estonskii SSR. Biologi [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin. Biology]. Tallinn, vol. 16, no. 1, 1984.

FIZIOLOGICHESKII KHURNAL SSSR (PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.). Issued by Vsesoyuznoe fiziologicheskoe obshchestvo (All-Union Physiological Society). Moscow, vol. 54, no. 10, Oct. 1984.

- Table of contents translated:
- Storozhuk, V. M. - Activity of neurons of the initial somatosensory cortex in the course of trans-synaptic response. p. 1123.
- Batay, A. S. - Analysis of the origin of the cortical associated response. p. 1143.
- Kingman, A. M. - Effect of statistical characteristics of afferent signals on the physical activity of the regulatory system in man. p. 1151.
- Mironovskii, I. U. - Galvanic skin response in the study of the taste by means of electric current. p. 1160.
- Syromiatnikova, A. V., Skok, V. I. - Conducting pathways of the sympathetic ganglia of the solar plexus in cats. p. 1163.
- Zaritskii, G. V. - Reaction of visceral vessels to the stimulation of cardiac vessels. p. 1171.
- Potashnikov, T. G., Rabinovich, M. A. - Biophysical link in the mechanism of cardiac "receptor" from the influence of the vagus nerve. p. 1177.
- Parolia, D. I., Mikhailova, G. I. - Mechanism of hyperemia originating in response to temporary occlusion of blood flow in cerebral vessels. p. 1184.
- Smirnov, B. A. - Effect of intravenous infusions of BCL and MgCO₃ on the coagulability, leucocyte quantity, pH, and alkaline reserve of the blood. p. 1183.
- Lubimov, E. I. - Correlation between the rhythms of cerebral bioelectricity and the amplitude of the lactation reflex in cows. p. 1186.
- Pashinskii, V. G. - Materials on arrested urination. p. 1204.
- Velikova, L. K. - Urgent phase of osmoregulation and the osmoregulating reflex. p. 1208.
- Aminov, G. I., Bakharev, O. P., Orlov, A. P. - Reflexes from the mammary gland to the thyroid. p. 1211.
- Kornilova, M. A., and others. - Sensitivity of receptors of an intestine with hypertrophic sympathetic innervation to noradrenaline. p. 1216.
- Beres, S. G., Leonov, M. G. - Secretion of gastric juice in dogs under the effect of excessive ACTH and prednisolone. p. 1223.
- Markis, A. M. - Method of stereotaxic implantation of electrodes. p. 1231.
- Prilina, G. I., Gavrilov, K. V., Krasnikov, P. I. - Dynamographic attachment to the EKG-200-3 electrocardiograph. p. 1232.
- Romanov, V. D. - Simple device for automatic analysis of the electroencephalogram. p. 1237.
- Bondarev, P. V., and others. - Method of automatic photostimulation in the rhythm of cerebral bio-potentials with a selectively controlled system of feedback. p. 1238.
- Nikitin, V. M., Vartapelev, B. A. - Development of physiology in Khar'kov during 50 years. p. 1244.
- Volkova, I. N., Potashnikov, G. I. - Synthesis of "physiological fractions" in the regulation of physiological functions. p. 1252.
- Lange, K. A. - Scientific estimates and their role in planning and organization of scientific research. p. 1264.
- MOSCOW, UNIVERSITY.** Vestnik. Series 6: Biologiya, postruyevaniya [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 21, no. 4, Nov.-Dec. 1984.
- Table of contents translated:
- Mikhailov, G. V. - Participation of gonadotropins in the regulation of biological clock industry problems. p. 3.
- Brekhova, E. V., Koshchikov, M. I., Ruditskiy, I. U. B. - Effect of acetylcholine and oxidation on toxic properties of the liver lipids of rabbits. p. 18.
- Kudryashov, I. U. B., and others. - Dynamics of the alteration of a level of glutamine in the organs and tissues of rats exposed to high energy protons, γ-rays and fixation neurons. p. 22.
- Ananova, M. E. - Special features of the structure of hen eggs depending on the age of a laying hen. p. 3.
- Ogareva, G. M. - Geography of dwarf birches of the Far East. p. 36.
- Solodovnikov, I. U. P. - Effect of brushwood on the temperature, humidity, and thawing of the soils in the Sakhalin region. p. 53.
- Bylska, T. V. - Firry woods of the Moscow Moshchinskaya region. p. 59.
- Perminov, A. I. - Spore-pollen spectra of surface samples and composition of plant cover in the Muzayskaya Tunguska region. p. 66.
- Arzova, T. G. - Relationship between Acantholimon, Bolus, and Agrostis R. Br. (Phanagoraceae) Jun p. 73.
- Iurina, E. V. - Experiment in cultivating the galathea algae: Acantholimon gracilis Araki and Dunaliella salina Teod. p. 75.

- Asheuria, I. P., Mikitina, K. A. - Activity of RNA-dependent RNA-methyltransferase in some tissues and organs of a developing chick embryo. p. 100.
- Daragan, T. V. - DNA and histone content in cellular nuclei of the liver during embryogenesis of lacuna totaria. p. 100.
- Lebedev, I. G., Piletskaya, E. M., Kabanov, T. I. - Concentration of unsaturated fatty acids in blood of cyclostomes and fishes and changes in blood under the effect of adrenalin and insulin. p. 101.
- Avrova, M. F. - Content and characteristics of vertebrate brain gangliosides. p. 102.
- Bondarenko, A. D., and others. - Seasonal changes of ascorbic acid and tocopherol contents in rodents. p. 103.
- Perlovskiy, V. V. - Sedimentation rate of erythrocytes as a reflection of seasonal variations in physiological activity of some vertebrates. p. 104.
- Belokobyl, S. E., Gergina, D. M. - Inhibition of gastric secretion by fat in peccaries. p. 104.
- Shcherba, V. R. - Anatomical activity of sympathetic ganglia in ontogenesis of rabbits. p. 105.
- Shchukina, V. V. - Kynetic histochemical activity of the brain and its correlation with vegetative reactions in children. p. 106.
- Tikhonova, I. P. - Prenatal development of the striatal system of rabbit's brain. p. 107.
- Makarchuk, M. V. - Studies on hypothalamo-cortical connections in rabbits. p. 107.
- Berglenko, M. O. - Content of noradrenalin and serotonin in physiologically different brain structures at rest and after injection of reserpine and tyrosine. p. 108.
- Aristov, Vladimir Kurbanov on his sixtieth birthday. p. 109.

Vol. 4, no. 3, May-June 1968.

Table of contents translated:

- Belokobyl, S. E. - Evolution of metabolic compounds in cells. p. 105.
- Kryazev, K. M., and others. - Phospholipids of intracellular particles and crystals of brain in vertebrates. p. 107.
- Furmanov, V. R., and others. - Adenosine triphosphatase in embryonal development of arthropods, fishes, and amphibians. p. 108.
- Truchkov, V. I. - Metabolic rates of muscle tissues in early ontogenesis of man. p. 111.
- Fedorov, V. R. - Electrophoresis of mono- and bis-quaternary compounds disturbing neuromuscular transmission in newborn and adult rats and mice. p. 112.
- Gushko, K. M. - Role of adrenals in the secretory function of stomach in peccaries. p. 113.
- Avdarskaya, G. E. - Effect of sound and vibration on the motor activity of chick embryos. p. 113.
- Isupova, I. A. - Infrared reflexes in ontogenesis of dogs with intact and separated cortex. p. 114.
- Belokobyl, S. E. - Electrophysiological characteristics of the visual system of the tortoise *Emys orbicularis*. p. 114.
- Krashev, G. P. - Potentials affected in cerebral hemispheres of rats during stimulation of the hypothalamus. p. 115.
- Belova, T. L. - Embryonal development of certain model of the GABA and serotonergic systems in early embryogenesis of man. p. 116.
- Krasova, M. G. - Liver transaminases in various vertebrates and hormonal regulation of their activity. p. 116.
- Mandelstam, M. M., Radits, A. A. - Different activity of isothiocyanate ganglion motoneurons of the locust *Locusta migratoria*. p. 117.

ZOOLOGICHESKIY JURNAL [ZOOLOGICAL JOURNAL]

Issued by Akademii Nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 47, no. 11, Nov. 1968.

Table of contents translated:

- Mikhailov, V. V. - Modeling relationships between fish populations in the competition for food. p. 1197.
- Shcherba, V. R., and others. - Axonal population and morphofunctional structure of biogenomes in the invertebrates through stages of southern Siberia. p. 1203.
- Semenova, L. M. - Morphophysiological characteristics of earthworms (*Lumbricidae*, *Oligochaeta*) related to their way of life. p. 1211.
- Gepher, M. V. - Description and functional morphology of *Megapoda* pleurophorus sp. n. from the Pacific Ocean and the position of the genus *Megapoda* in the system of families of the group *Megapodidae* (Copepoda, Cyclopoida). p. 1228.
- Tikhonova, M. L. - Biology, distribution and host resistance of littoral gammarids (*Amphipoda*, *Gammaridae*) in Kamalatsky Bay. p. 1230.
- Prizina, M. G. - Some characteristics of the respiration of insect soil larvae. p. 1248.
- Kasharov, A. A. - Some problems of seasonal life in ants *Formica* s. str. (*Hyymenoptera*, *Formicidae*). p. 1264.
- Gorbunova, M. N. - Egg structure and reproduction in *Vandaeia* subgenus (*Monostomatidae*). p. 1272.
- Maslov, N. A. - Adaptive characteristics of the development of the retina in some *Poeciliiformes*. p. 1276.

- Tarnerich, M. M. - Relationship between the distribution of sperms within males and the nature of their feeding habits. p. 1283.
- Makarchuk, M. V. - Biology of the combs (*Parthenocoma* s. str.) according to observations in captivity. p. 1288.
- Il'inskiy, A. I. - Materials on species differences in accumulation of strontium-90 and the variability of small mammals caught in a place artificially contaminated with this radionuclide. p. 1290.
- Lavina, V. I., Krasova, E. V. - Study of daily migration of *Microtus oeconomus* Pall. by radioactive labeling method. p. 1291.
- Garlich, M. I. - Content of some vitamins in the organisms of *Chelonia* sea turtles Pall. during hibernation. p. 1297.
- Bozhko, L. I. - Methods of cultivating marine pelagic Copepoda under laboratory conditions. p. 1298.
- Dolgikh, A. V., Makhov, M. M. - Some comments on translocation of the family *Gorgodiidae* Loew, 1901 with the description of a new species. p. 1299.
- Gepher, G. V. - Structure of the nervous system of *Ascaris* galli. p. 1299.
- Moravskiy, V. V. - New species of *Stenopoda* of the Red Sea. p. 1303.
- Vishniakova, V. P., Gurova, T. V. - Occurrence of *Calanopsis* *agassizii* Krasske (Copepoda, Calanoida) in Volga and Rostovskiy. p. 1303.
- Korotkiy, E. V. - New species of the genus *Alpheidae* (*Parasitiformes*, *Cumacea*). p. 1307.
- Korotkiy, M. M. - External ear muscles in some lizards. p. 1308.
- Makarchuk, M. V., Bondarenko, V. P. - Seasonal change in hair cover of a rabbit. p. 1308.
- Makarchuk, M. V. - Centennial of the publication of Ch. Darwin's book "The variation of animals and plants under domestication" (1868) and its role in modern biology. p. 1308.

d. CHEMISTRY

AKADEMIYA NAUK SSSR, Izvestiya, Khimicheskaya

seriya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Chemical Series], Moscow,

vol. 4, no. 11, Nov. 1968.

Table of contents translated:

- Kozlov, V. M., Paltovskiy, L. S. - Semiconducting properties of monocrystalline oxides. p. 1313.
- Kozlovskiy, O. P., Shcherbakov, M. I., Belokobyl, S. E. - Dislocations in recrystallized silicon layers. p. 1316.
- Kozlovskiy, V. F., and others. - Solubility of cerium in germanium. p. 1317.
- Mikhailov, L. A., Gerasimov, V. M. - Study of solubility and lattice density in the solid and liquid states. p. 1319.
- Radtsig, A. M., and others. - Interaction of hydrogen with titanium and zirconium films on different metal supporting structures. p. 1324.
- Mikhailovskiy, M. S., and others. - Uniformity of 100% monocrystals with the face effect alloyed with donor and acceptor admixtures. p. 1324.
- Pavlov, O. V., Mikhailovskiy, M. O. - Some special features of also behavior in the growth of alloyed gallium arsenide monocrystals. p. 1324.
- Mironov, K. E., and others. - Thermal resistance of pyroceramic monocrystals. p. 1326.
- Krasnov, S. G., Zhuravov, V. P., Novoselova, A. V. - Sublimation vapor pressure of solid and liquid germanium monocrystals and monocrystals. p. 1327.
- Abrikosov, M. Kh., Dzhidzha, K. A., Eshchenko, V. V. - Study of the system $Mo - Te$. p. 1328.
- Belokobyl, S. E., Alekseyev, M. Kh. - Study of the ternary reciprocal systems $GeTe + PbTe + GaTe + SbTe$. p. 1328.
- Gerasimov, V. M., Krasnovskiy, A. M., Gerasimov, V. M. - Changes of the structure of short-range order and character of chemical bond on melting and heating of crystals of chalcogenides of IV group elements with galena structure. p. 1329.
- Ondrichova, S. S., Argenti, A. I. - Phase diagram of the system $KrC - Te$. p. 1329.
- Mikhailov, K. E., and others. - Study of phase diagram and some properties of solid solutions in the system $MgSi - MgIn$. p. 1329.
- Belokobyl, S. E., and others. - Anisotropy of the microhardness of $MgSi$ and $MgIn$. p. 1329.
- Gerasimov, V. M., Krasnov, T. G., Zakharenko, L. I. - Special features of the electronic structure and the piezoelectric properties of cerium selenide. p. 1329.
- Dmitriyev, A. V., Krasnov, V. G., Krasnovskiy, A. A. - Electroconductivity and thermoelectromotive force of alloys in the system $Bi_{1-x}Sb_x$. p. 1329.
- Dmitriyev, A. A. - Identification and properties of chemical compounds $TiAs_2$, $TiAs_3$ and $TiAs_4$ in the vitreous and crystalline states. p. 1329.
- Chapleva, I. V., Lashin, V. M., Dmitriyev, A. A. - Electron paramagnetic resonance of Fe^{2+} and Gd^{3+} ions in vitreous $TiAs_2$. p. 1329.
- Krasnov, V. M., Krasnovskiy, S. K., Shcherbakov, M. I. - Study of the cross section of $GdAs - Cu$. p. 1334.
- Mikhailov, M. I., Shcherbakov, M. I. - Crystallization ability of the glasses in the system $Bi_2O_3 - La_2O_3 - CaO$. p. 1334.
- Gerasimov, L. B., Petrovskiy, G. T. - Temperature dependence of modulus of elasticity of glasses in the system $KF - BaF_2$. p. 1334.
- Lavina, V. V., Rumyantsev, Z. G., Krasova, E. V. - Synthesis of the trimer of phosphoric chloride with $Cl_3P_3O_3$ oxide. p. 1347.
- Tatarkova, T. F., Lashin, A. M. - Conditions of dynamic interaction of $H - O$ bonds in simplest dihydroxides. p. 1347.

- Pastukhov, E. A., Eria, O. A., Valentin, N. A. - Semiconductor properties and deviation from stoichiometry of fused V_2O_5 . p. 1350.
- Tamashov, I. V., and others. - Study of the interaction of chromium nitrate with alkali metal triphosphates. p. 1350.
- Debarshvili, B. F., Tamashov, I. V. - Synthesis of double borate monocrystals in the systems $La_2O_3 - SrO - B_2O_3$. p. 1352.
- Volobekova, Z. S. - Electroconductivity of alloys in the system $ZrO_2 - La_2O_3$. p. 1352.
- Vishov, A. S., Vasyukov, V. M., Petrov, V. M. - Study of the structure and dielectric properties of some bismuth-containing perovskites. p. 1352.
- Kleytsov, P. V., Kharoshko, L. I. - Solid solutions in the system $LiNbO_3 - MgO$ and polymorphic transformations in lithium niobate. p. 1352.
- Vishnovskiy, I. I., Skripak, V. M. - Thermal conductivity of ferrites-silicates and their solid solutions. p. 1352.
- Lashin, I. A., and others. - Analysis of the concentration dependence of the activation of components of solid solution $Fe_2O_3 - FeV_2O_4 - FeCrO_4$. p. 1352.
- Gerasimov, V. M., Petrov, V. M., Vasyukov, V. M. - Study of ferroelectric solid solutions in the systems $Pb(Pb_{1-x}Ta_x)_2O_7 - Pb(Pb_{1-x}V_x)_2O_7$. p. 1352.
- Vargin, V. V., Lashin, I. A. - Study of crystallization of low alkali multicomponent glasses. p. 1352.
- Chapleva, I. V. - Mass spectral methods of the analysis of high purity substances. p. 1352.
- Andrianov, K. A., Epifanov, M. A. - Synthesis of α,β -disubstituted ethylenediamines and α,β -disubstituted α,β -triphosphoryl ethylenediamines. p. 1352.
- Belokobyl, S. E., and others. - Study of liquid-vapor phase equilibrium in the system phosphorus oxychloride - hexachlorobutadiene. p. 1352.
- Ustinov, G. P., Vigdorovich, E. M. - Molecular composition of tellurium in the gas phase. p. 1352.
- Makarchuk, M. V., and others. - Synthesis and directed crystallization of cerium telluride in controlled deviation from stoichiometry. p. 1352.
- Belokobyl, S. E., and others. - Solid solutions in the system $Ga_2S_3 - Ga_2Se_3$. p. 1352.
- Mikhailov, V. F., and others. - Thermoelectricity and radiation-induced recombination in $Ge_{1-x}Si_x$. p. 1352.
- Belokobyl, S. E., Lashin, I. A., Kharoshko, L. I. - Lead-chalcogen thioacetates. p. 1352.
- Kasharov, E. A., and others. - High temperature reduction of silicon dioxide to silicon monoxide. p. 1352.
- Makarchuk, M. V., and others. - Growth of octahedral-type monocrystals in crucibles from aluminum chloride. p. 1352.
- Krasnovskiy, V. M., Morozov, A. M. - Optical characteristics of pure and activated by monovalent bismuth-sodium molybdate crystals. p. 1352.
- Lashin, I. A., and others. - Properties of mixed salts of the system $MO - PbO_2$. p. 1352.
- Pavlovskiy, M. M., Zhuravov, A. K., Zhuravskiy, V. A. - Production of pyroceramic ferroelectric materials based on the system $1/2O - 1/2MO - 1/2TiO_2 - 1/2CaO$. p. 1352.
- Zhuravov, A. M., Krasnovskiy, M. I., Krasnov, A. M. - Effect of pressure groups on the structure of pyroceramic material based on glass composition $CaO - MgO - MO_2 + (Na_2O, Al_2O_3) + F_2$. p. 1352.
- Makarchuk, M. V., Petrov, G. T. - Study of the interaction of gaseous glass and gaseous with alkaline silicate solutions. p. 1352.
- Belokobyl, S. E. - Second All-Union Conference on Phosphates (continued). p. 1352.

AKADEMIYA NAUK SSSR, Izvestiya, Khimicheskaya

seriya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Chemical Series], Moscow, no. 11, Dec.

1968.

Table of contents translated:

- Alimurza, I. P., and others. - Stability of palladium (II) complex with 1,3-cycloheptanedione in solutions. p. 1352.
- Alimurza, I. P., and others. - Fluorimetric determination of gallium and indium present simultaneously by rhodamine 6G. p. 1352.
- Rashkov, M. A., Makarchuk, G. L., Logvin, A. A. - Coprecipitation rate of cations with sulfides. Report No. 3: Systems $Hg^{2+} - Ga^{3+}$ and $Cd^{2+} - Ga^{3+}$. p. 1352.
- Mikhailov, B. P., and others. - Chemical interaction of substances with a complex solvent. p. 1352.
- Shcherbakov, M. I., and others. - Synthesis and properties of linear carbon polymers. p. 1352.
- Basilev, G. L., Cherkashin, M. L., Berlin, A. A. - Polymerization of phenylacetylene on Ziegler-Natta catalysts. p. 1352.
- Kashin, B. A., Oshpov, B. M. - Chain transfer constants in telomerization of propylene by chloroform effect of bond dissociation energy and stability of the resulting radical on substitution reaction rate. p. 1352.
- Pobedinskii, D. G., Beshchastko, A. L. - Mechanism of the inhibiting action of phosphates and sulfides. Report No. 2: Kinetics and mechanism of the reaction of hydroperoxides with sulfur. p. 1352.
- Ponomarev, V. V., Golitsyn, S. A., Andrianov, K. A. - Mechanism of the disproportionation of organosulfines in the presence of aluminum chloride. p. 1352.
- Makarchuk, M. V., Gerasimov, V. I., Krasnov, V. M. - Effect of the substituents on the polarity of $S-O$, $S-H$ bonds and the reactivity of compounds of the HSO_3R type. p. 1352.
- Turova, M. I., Turovskiy, E. P. - X-ray and spectral

- In the photolysis of frozen $K_2Fe(C_2O_4)_2$ solutions. p. 88.
- Pozniak, A. L., and others. - ESR spectra in the photolysis of frozen solutions of ethylenediamine complexes of Co(III) complexes. p. 88.
- Gerasimova, V. V., Vainshtok, B. A., Levchenko, N. F. - Radiation induced transformations and dosimetric parameters of polystyrene films with addition of fluorescent dyes. p. 90.
- Malinina, V. P., Bakler, L. N., Fok, M. V. - Photochemical formation of free radicals in polystyrene at 77°K. p. 91.
- Balk, N. A., Zinchenko, O. M. - Formation of peroxide radicals in liquid hydrocarbons in pulse irradiation with electrons in the presence of molecular oxygen. p. 92.
- Krasikova, G. A., and others. - Radiolysis of n-alkyl ketones. p. 94.

KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 6, Nov.-Dec. 1968.

- Table of contents translated.
- Abrahamov, A. A., Molodtsova, I. U. B. - Temperature dependence of surface tension. p. 790.
- Alkashirova, E. A., Bendoritskiy, D. M., Dogadkin, B. A. - Studying the effect of a nature of the latex protective substance on colloidal-chemical properties of carbon black-latex mixtures. p. 800.
- Burkol, V. M., Gerasimov, I. U. M., Fuka, G. I. - Nature of aggregative stability of colloidal solutions. Present-day state of a problem and some ways of its further development. p. 804.
- Borodina, V. M., Tolstaya, E. M., Tikhonov, A. B. - Effect of the form of filler particles on the kinetics of structure formation in polymer solutions. p. 811.
- Gorkina, A. M., Shcherbakova, E. A. - Effect of alternating electric field on light absorption in clay suspensions. p. 816.
- Khary, V. T., Ruzanov, A. I., Levichev, E. A. - Molecular regularities of solution - surface layer equilibrium diagrams. p. 819.
- Zotov, P. I., Kiselev, M. R., Bakharova, L. A. - Effect of the formation conditions of polyester coatings on their supermolecular structure and properties. p. 837.
- Kim, M. M., Mikheevskiy, S. G. - Formation of the ultrathin films of aluminum hydroxide at the air-water interface. p. 839.
- Kirsh, A. A., Fuka, N. A. - Studies in the field of porous aerosol filters. Diffusion deposition of aerosols in porous filters. p. 858.
- Kiselev, A. V., and others. - Studying the pore structure of adsorbents obtained in hydrothermal treatment of industrial silica gel. p. 862.
- Kogodovskiy, A. I., Kiselevskiy, N. A. - Kinetics of ion-exchange adsorption of ions and molecules of tetra-methylammoniumbromide by ED E-10P anion exchanger. p. 867.
- Krasikova, L. E., Sorb-Serbina, M. N. - Effect of polyvinyl alcohol additions on the structure formation processes in aqueous dispersions of clay minerals. p. 883.
- Kuznetsov, R. A., and others. - Surface properties of polyvinylpyrrolidone. p. 890.
- Neizina, O. V., Belikova, M. I. - Effect of the additions of high molecular substances on precipitation of calcium sulfate. p. 893.
- Mikheev, A. F., and others. - Some colloidal characteristics of monohydropentachloroarsenic acid salts. p. 897.
- Ovchinnikov, M. A., and others. - Structures stresses and deformations of coagulation structures of colloidal azules. System cellulose azules - dioxane - water. p. 899.
- Perlovskiy, M. M., and others. - Adsorption of carboxymethylcellulose and alginic anions on soil and clay minerals. p. 906.
- Pokrovskiy, V. M. - Some problems of microecology of dispersed systems and polymers. Calculation of the tensor of suspension stresses of rigid ellipsoids. p. 911.
- Tarasov, I. U. I., Vainshtok, V. M., Ovchinnikov, P. D. - Study of the adsorption of water vapors on surface-substituted monomethylsilanes. p. 908.
- Trupakov, A. A., Avelisina, R. A. - Effect of the ways on capacity of monolayers of oxyethylated octadecanols to reduce the rate of water evaporation. p. 907.
- Ushakov, E. D., and others. - Effect of the surface active agents on the structure formation processes in mineral polymer dispersions. p. 904.
- Vakhar, I. U. B. - Luminescent method for obtaining piezometric curves of porous bodies. p. 908.
- Dorogin, B. V., Krasova, M. A., Krasovskiy, I. U. A. - Sixth All-Union Conference on Colloidal Chemistry. p. 911.
- Kiselevskiy, B. P. - National Committee of USSR on the surface active agents. p. 916.

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. Seriya khimicheskaya [MATERIALS RELATED TO THE BIOBIBLIOGRAPHY OF SCIENTISTS OF THE U.S.S.R. Chemical Series]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1968.

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. Seriya khimicheskaya [MATERIALS RELATED TO THE BIOBIBLIOGRAPHY OF SCIENTISTS OF THE U.S.S.R. Chemical Series]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1968.

MOSCOW. VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT KHEMICHESKIH REAKTIVOV I OSOBO CHISTYKH VESHESTV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF CHEMICAL REAGENTS AND ANALYTICALLY PURE SUBSTANCES Transactions]. No. 36, 1964.

RUSSIA (USSR - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osoboo chistykh veshchestv [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institute of Higher Learning] Chemistry and Chemical Technology]. Moscow, vol. 11, no. 11, 1968.

- Table of contents translated.
- Tolstov, O. I., Kislakov, I. P. - Reactions of solid phase formation of calcium tungstate. p. 1305.
- Shmagin, L. P., Popovskiy, A. A., Koldovskiy, A. A. - Effect of some additives on chemical stability of concentrated aqueous solutions of ammonium nitrate. p. 1313.
- Moldavitskiy, E. M., Kuzin, T. I., Strutov, A. A. - Oxidation of organic alcohols by azobenzene oxygen in sodium chloride solutions. p. 1321.
- Makarevich, M. L., Zolotarev, A. L. - Kinetics of polymeric solvents in oxidation of gallium amalgams. p. 1331.
- Tolstov, O. I., and others. - Stability of soluble complexing reagents dihydroxyacetone. p. 1319.
- Krasovskiy, A. P., Bykov, I. M., Blagovestskiy, Z. G. - Study of the effect of water on acid-base titration in nonaqueous media. p. 1333.
- Speranskaya, E. F., Chumy, A. M., Lapshin, V. A. - Temperature-kinetic determination of activation energy of reduction processes of tetraivalent selenium and tetraivalent tellurium on a mercury cathode. p. 1338.
- Krasovskiy, E. M., Kiselevskiy, I. M. - Adsorption of carbon tetrachloride and chloroform vapors on industrial catalysts for production of vinyl chloride and on adsorbents. p. 1351.
- Grigor'ev, V. P., Kuznetsov, V. V. - Application of Tafel constants for studying the effect of polarity of substituents in molecules of some amino acids on hydrogen depolarization reaction in acid corrosion of iron and zinc. p. 1357.
- Chen, M. G. - Nature of action of antitumor compounds inhibition of metal corrosion. p. 1369.
- Belikova, V. I., Bakharova, M. G., Alkashirova, E. M. - Aggregate stability of hydrodispersion of titanium dioxide in the presence of various surface active substances. p. 1347.
- Kryukov, I. U. G., Chiridov, V. G. - Isomerization of dichlorobenzene with aluminum bromide. p. 1353.
- Borodina, V. L., Fokarukhin, R. Z., Matina, L. B. - Study of the effect of reaction conditions on the synthesis of 1-nitro-2-propenyl alkyl ethers by interaction of alcohols with 1-nitro-1-propylene. p. 1357.
- Vartanov, M. L., Mikheevskiy, S. G., Zhuravskiy, L. A. - Analysis of solution containing ammonium sulfate, sulfite, nitrate, nitrite, free ammonia, and ammonium sulfate with nitrite oxide complex. p. 1361.
- Bogdanovskiy, A. F., Zakhvatov, G. I. - Some characteristics of tetraethylammonium by chemical analysis. p. 1365.
- Martynov, A. A., Kovalenko, P. N., Bogdanovskiy, K. N. - Electrolytic deposition of nickel from ammonium tartrate solutions. p. 1368.
- Fel'man, E. S., Tikhonov, V. A. - Effect of the acoustic activation of solvent by the hydrodynamic method on temperature change of hardening cement. p. 1373.
- Kisner, V. M. - Effect of the hydrophobic surface of dispersed two dye substances on the kinetics of decolorizing. p. 1377.
- Lagutskov, L. M., Repanov, B. I. - Production of oligomeric amino compounds from monomeric compounds. p. 1381.
- Zakhvatov, M. D., Ignat'eva, S. L. - Salicylic acid and its derivatives as active substances in vulcanization of polychloroprenes. p. 1386.
- Titov, E. A., and others. - New butyl rubber vulcanizing agents. p. 1388.
- Krasovskiy, L. E., and others. - Study of ion concentration distribution in electrified chamber of a dust collector. p. 1391.
- Khilov, V. A., Kozlov, V. A. - Nickel corrosion in sulfuric acid solutions. p. 1397.
- Ivanovskiy, L. G. - Growing of large monocrytals of potassium dihydrophosphate under laboratory conditions. p. 1398.
- Shcherbakova, E. A., Avdeyev, L. G. - Change in optical activity of alpha-phase solutions in aromatic hydrocarbons at various temperatures. p. 1403.
- Kryukov, I. U. G., Beryakov, A. A., Bakharova, A. P. - Equilibria between trichlorobenzene isomers. p. 1404.
- Rozkin, E. S., Karpovskiy, G. B. - Study of effect of initiating system potassium permanganate-sulfuric acid on the kinetics of acrylonitrile polymerization. p. 1406.

RUSSIA (USSR - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osoboo chistykh veshchestv [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institute of Higher Learning] Chemistry and Chemical Technology]. Moscow, no. 6, 1964, no. 1, 1968.

TARTU. ULIKOOL. Reaktsioonide spetsiaal' organicheski khimii [UNIVERSITY Organic Reactivity]. Vol. 6, no. 3 (7), Oct. 1968.

- Table of contents translated:
- Minkin, V. L., Brest, V. A., Malysheva, E. M. - Reactivity and structure of azomethines and their structural analogs. Part 3: Analysis of the influence of electron effects of substituents in nucleus of benzaldehydes on their reactivity by the methods of correlation analysis and quantum chemistry. p. 658.
- Pal'm, V. A. - Absence of electrostatic interaction through the core of a molecule. p. 663.
- Tupitsyn, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 1: Effect of the structure of the exchange capacity of substituted pyridines, quinoline, isocoumarin, and diazepam. p. 661.
- Tupitsyn, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 2: Effect of the structure on the exchange capacity of substituted pyridine-N-oxides and nitroaromatic compounds. p. 673.
- Tupitsyn, I. F., Zaitseva, M. M., Kuznetsov, A. V. - Kinetics of the basic deuterium exchange and reactivity of heteroaromatic compounds. Part 3: Quantum-chemical study of the reaction of deuterium exchange of some aromatic N-oxides. p. 681.
- Tupitsyn, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 4: Parameters of the activation catalyzed by bases of deuterium exchange reaction of nitrogen-containing heterocycles and substituted benzene. p. 694.
- Brest, V. A., and others. - Reactivity and structure of azomethines and their structural analogs. Part 4: Arylbenzoxoles. p. 681.
- Vorontsova, M. A., and others. - Isomeric components of some ring-substituted benzoxazole derivatives. p. 698.
- Tilov, E. V., and others. - NMR spectra and acid-base properties of some carboxylic acid hydrazides. p. 673.
- Popova, L. L., Sedukhin, I. D., Minkin, V. L. - Reactivity and structure of azomethines and their structural analogs. Part 5: Effect of meso-aryl substituents on the basicity of 3,5-dibromo-4,6-di-tert-butylphenols. p. 683.
- Berzhitskiy, L. A., Ginzburg, O. F. - Tautomeric equilibrium in acid solutions of p-aminophenyl compounds. Part 6: Comparative study of amino-, dimethylamino-, and dimethylaminomethylamino derivatives. p. 690.
- Kuznetsov, A. G. - Application of Hammett-Tak equation to the reactions of isotopic exchange of hydrogen in form, thiophene and in some of their derivatives. p. 701.
- Sorokin, M. F., and others. - Reaction of phenyl glycidyl ether with butanol in the presence of tertiary amines. Effect of the structure of amine. p. 711.
- Lagutskov, L. L., Dezhnev, V. A. - Application of the MO method to the interpretation of results of polarographic study of some heteroaromatic systems. Part 2: Para-substituted nitrobenzenes and benzaldehydes. p. 723.
- Fain, V. I. A. - Some quantitative regularities in electronic spectra of alkyldiazotene derivatives. p. 738.
- Minkin'skiy, A. V., Turbina, N. A., Krasova, L. E. - Absorption spectra and reactivity of some aromatic compounds. Part III: Hydrogenation of substituted derivatives of benzaldehyde. p. 740.
- Brest, V. A., Malysheva, E. M., Minkin, V. L. - Reactivity and structure of azomethines and their structural analogs. Part 6: Thermodynamic characteristics of the ionization reaction of conjugate acids of azomethines. p. 743.
- Ivanovskiy, L. M., and others. - Ability of the linkage link in bicyclic systems to electron-donor conjugation and electronic conductivity. p. 774.
- Bogdanov, E. V., and others. - Dependence of the transmission factor T_{eff} on the character of resonance center. p. 793.
- Babichova, A. F., Polonskiy, O. M., Ivanovskiy, A. A. - Ion-radical mechanism of acylate condensation catalyzed by thiolanion salts. p. 808.
- Tupitsyn, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 5: Effect of medium composition on the rate of hydrogen exchange of nitrogen-containing heterocycles. p. 808.
- Sherin, E. M., Evstaf'ev, A. V. - Role of alcohols in the reactions of alcoholysis of aromatic chloro-derivatives. p. 817.
- Mamov, V. P., and others. - Kinetics of the reactions of substituted 2-chloropyridines with piperidine. p. 824.
- Gavrilova, V. A., Litvinenko, L. M. - Some special features of the effect of medium polarity on arylation reactions. p. 833.
- Litvinenko, L. M., Gavrilova, V. A. - Effect of the solvent on the formation rate of aryl sulfonamides. p. 842.

UKRAINSKI KHIMICHESKI ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiya nauk USSR [Academy of Sciences of the Ukrainian S. S. R.], Kiev, vol. 34, no. 11, 1968.

Table of contents translated:
Lutsik, A. E., Trofimuk, Z. A. - Hydrogen bonding and bands of intramolecular charge transfer. p. 1091.

Chalyi, V. P., Makarova, Z. I. A. - Phase composition of dehydration products of metal hydroxide oxides. p. 1099.

Dombrovskii, N. M., Dombrovskaya, R. M. - Effect of the addition of phosphoric acid on the rate of thermal transformation of disubstituted sodium phosphate. p. 1103.

Belokorotkiy, I. U., Karobitskiy, O. G. - Inorganic measurements in fused alkalis. p. 1108.

Shubin, A. M., Levitskaya, M. K., Lisachenko, T. F. - Electroconductivity of electrolyte solutions in mixed nonaqueous solvents. Part 3: Electroconductivity of sodium iodide solutions in ethanol-benzene mixtures. p. 1113.

Karkov, B. F., Volkov, S. V. - Molar volume of fused mixtures of alkali chloride with alkali metal chlorides. p. 1118.

Valitova, V. M., and others. - Adsorption and electrostatic studies of ionolite and ionolite of different crystallinity. p. 1120.

Khotimskiy, O. I., Teliskova, V. Sh. - Potentiometric study of bromide complexes of cadmium in aqueous-methanol and aqueous-ethanol solutions. p. 1124.

Manstara, V. I., Shlov, E. A. - Kinetics of pyrrolidone cycles in oxidation of unsaturated amino compounds. p. 1122.

Panasuk, V. D., Malashuk, M. F. - Kinetics of acid hydrolysis reaction of dichloroethylamine-platinum in aqueous-organic solutions. p. 1127.

Kozlovskiy, M. G., and others. - Reactions of styrene p-nitrobenzyl with nucleophilic agents and phosphorus trichloride. p. 1141.

Kozlov, M. A., Melnikova, L. V., Isanikov, A. A. - Hydrolysis of phosphoric ester of glycerol aldehyde in the presence of amino acids. p. 1144.

Tshukalo, E. G., Prizytkova, L. G., Dombrovskiy, A. V. - Use of the method of NO-oxidation for the synthesis of some esters of β -alkyl- β -aryl acrylate acids and the production of substituted styrenes. p. 1142.

Kukharuk, V. M., Makovetskii, I. U. P. - New derivatives of benzimidazole - benzimidazolybenzimidazole. p. 1144.

Bukto, A. K., Krivonozko, M. P., Tyshchenko, M. M. - Infrared spectra and structure of compounds formed by thiocyanate acid complexes of metals with pyrimidines and dihydropyrimidines. p. 1144.

Plavitskiy, L. V., Sereda, K. B. - Tertiary and quaternary ammonium complexes studied by means of extraction. p. 1148.

Shukalo, M. I. - Study of complex formation in the system thioacetone - phenanthroline in solution by the metal-indicator method. p. 1172.

Shvachko, P. D., Kozina, L. A., Vysotskaya, O. A. - Study of alkyl ester of phenylthioethyl-azobenzene as an extraction agent. p. 1177.

Belokorotkiy, E. P., Goroshchak, I. A. G., Dvornikova, A. A. - Decomposition of modified linoleic by sulfuric acid. p. 1184.

Festunov, M. B., Fokina, Z. A. - Use of alkali metal cation for determining the composition and density of zinc hydroxy salt precipitates. p. 1199.

Golub, A. M., Dorosh, A. M. - Eruption thioacetone. p. 1194.

Galkin, V. E., Shvachko, P. V., Kodra, O. K. - Electrodeposition of copper-alkali alloys from ammonium complex electrolytes. p. 1204.

Vladimirov, V. F., Korotkiy, P. M., Bagdasaryan, E. M. - Study of electrochemical characteristics of silver during its separation from nitric and tartaric acid solutions. p. 1204.

Kolpakov, D. F., Kovalev, L. I., Smolin, M. D. - Kinetics of polyiodine and iodine from aqueous solutions. p. 1200.

Makharuk, M. B., and others. - Polarographic reduction of some aliphatic nitro alcohols and their oxides. p. 1203.

Tshukova, O. P., Kalitvinskaya, V. I. - Determination of disaccharides by means of thin-layer chromatography. p. 1203.

UKRAINSKI KHIMICHESKI ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiya nauk Uzbek SSR [Academy of Sciences of the Uzbek S. S. R.], Tashkent, vol. 10, nos. 3-4, 1968.

Table of contents translated:
Oshpova, K. M., Bakdasaryan, E. I., Rode, E. I. A. - Thermogravimetric and thermogravimetric study of perfluorinated oxime salt of 12-borotungstic acid. p. 3.

Le Van Tu, Mirzaev, F. M., Nabiev, M. M. - Preparation of complex liquid fertilizers by nitric acid treatment of Vietnam apatite. p. 7.

Toropov, M. A., Isanikov, A. A. - Synthesis of

double strontium-lanthanum aluminates. p. 13.

Tolstov, E., and others. - Polymers of the quaternary reciprocal systems consisting of potassium and ammonium chlorides and sulfates. p. 15.

Consecutive spectrometric titration of a mixture of oxides containing mercury and other metal ions. p. 20.

Talipov, Sh. T., Podgorova, V. S., Lipin, S. - N-methylmaleimide - α -oxo- α -naphthol as a reagent for photometric determination of carboxylic acids. p. 21.

Zakharovskiy, I. A. - Qualitative composition of organic substances of soils of variable degree of acidification. p. 24.

Martynov, A. L., Mirzabekova, M., Goshchikova, A. I. - Kinetics of the process of esterification of fatty acids by alcohols. p. 25.

Oral, M. A., and others. - Adsorption of sodium oleate on minerals in the presence of negatively charged surfactant solutions. p. 31.

Margusov, M. A., Gafurov, L. - Possibility of determining the degree of polypropylene stereoregularity by means of IR spectroscopy. p. 34.

Romanov, I. B., Tolstov, M. T. - Effect of solvent on carbonylation of amino alcohol. p. 37.

Kudryov, Ch. Sh., Lermakova, S. V. - Alkylation of aromatic compounds with γ -methylalcohols. p. 40.

Pobedinskaya, O. I., Zakharov, D. T. - Oxidation of the products of gas coal hydrogenolysis by potassium permanganate in alkaline medium. p. 42.

Petrov, A. I., and others. - Structure of aceto unsaturated cellulose esters and synthesis of graft copolymers on their basis. p. 44.

Strala, E., and others. - Synthesis of graft cellulose copolymers from a mixture of methyl methacrylate and N-vinyl lactams. p. 40.

Baldanova, E. Sh., Savitskiy, S. D., Askarov, M. A. - Graft copolymerization to cellulose from a mixture of acrylonitrile and n-butyl methacrylate. p. 53.

Umarov, Kh. U., Idrishev, A. A., Asanov, M. K. - Radiation-induced grafting of vinyl fluoride to polyvinyl chloride in the presence of solvents. p. 54.

Nasov, R. M., Ergashev, I. K., Nabiev, M. M. - Study of granulometric and chemical composition of Kolaion concentrates from Karakum phosphorites. p. 50.

Murmanov, Sh. M., Khatibov, I. B., Khatibov, Sh. M. - Acid resistance of autocatalytic sodium silicates. p. 52.

Rakhimov, A. A., Isanov, Kh. R., Kumpasov, S. I. - Adsorption of K-4 and K-6 preparations on solid particles of nitrate prep. p. 54.

Tarakanova, M. T., and others. - Photometric determination of uranyl by means of the reagent N-methylmaleimide - α -oxo- α -naphthol. p. 57.

Shukur Talipovich Talipov is 60 years old. p. 60.

Vol. 10, no. 5, 1968.

Table of contents translated:
Bakova, M. T., and others. - Study of complex fertilizers by thermogravimetric and X-ray diffraction methods of analysis. p. 3.

Nasov, R. M., Ergashev, I. K., Kondratyuk, L. K. - Increasing the temperature of crystallization of ammonium nitrate in the action of magnetic field on a melt. p. 8.

Kilman, L. A., Khatibov, T. V. - Efficiency of fractional sorption of granulated ammonium nitrate. p. 11.

Belokorotkiy, E. A., and others. - Qualitative determination of phytin by the amperometric titration method. p. 14.

Talipov, Sh. T., Makhmudova, Z. T., Zaitsev, L. E. - New luminol-based reagent for determining copper. p. 18.

Chelmer, E. P., Protokov, M. P. - Chromatographic determination of water in elementary microanalysis by the conversion into acetylene. p. 23.

Krylov, N. I., Usadulayeva, K., Arifbekova, M. - Physicochemical properties of solutions based on nitric acid decomposition of apatite and urea depending on the degree of neutralization. p. 26.

Mirzabekov, T. M., Bekmurodov, K. Z., Talipov, Sh. T. - 4-(2-Pyridylazo)-thymol, 4-(2-quinolylazo)-thymol N-methylmaleimide- α -oxo- α -naphthol - as new selective reagents for extraction-photometric determination of nickel. p. 29.

Makharuk, I. A., Denisov, P. P. - Change of composition and properties of oxidized bitumens of Tashkent-Almaty oil. p. 34.

Alkharov, A. M., Tokpov, A., Margusov, L. - Cyclopolymerization of resorcinol and its esters. p. 37.

Bek, A. B., Askarov, M. A., Bakirova, E. M. - Synthesis of graft copolymers of cellulose in the presence of amines. p. 43.

Askarov, M. A., and others. - Synthesis of graft copolymers of cellulose with vinyl polymers. p. 40.

Baidrov, T. A., Abduragimov, B. I. - Chemical plasticization of cellulose triacetate. p. 48.

Isanov, M. Kh., and others. - Oil-free polymerization coatings based on a mixture of synthetic dicarboxylic acids. p. 51.

Kilmanov, L. M., and others. - Acetylation of cellulose in the presence of amine salts. p. 54.

Makharuk, B. R., Zaylatova, E. P., Isanov, O. K. - Corrosion of metals in media containing hydrogen sulfide. p. 58.

Umarov, Kh. U., and others. - Study of the products of radiation-induced graft copolymerization of acetylene and polyacrylonitrile. p. 63.

B 134

Kopp, R. Z., Ghecal, F. L., Akhmedov, K. R. - Effect of polyacrylamides of a different degree of hydrolysis on dissolution processes of β -C₆H₅ in water. p. 66.

Asimov, L., Kacharova, M. - Study of the possibility of opacification of glasses and enamels by zinc sulfide compounds. p. 68.

Gulimov, M. G., and others. - Effective method of bleaching the white cement clinker. p. 73.

Tolstokhodov, S. T., and others. - Complex utilization of mineral raw material. p. 75.

Petr Akhmedovich Akhmedov on his 70th birthday. p. 75.

VYSOKOMOLEKULARNYE SOEDINENIYA. Series A [MACROMOLECULAR COMPOUNDS. Series A]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 10, no. 12, Dec. 1968.

Table of contents translated:
Tselis, B. L. - Gas-phase polymerization on fibers and films as a method for direct synthesis of oriented polymeric structures. p. 101.

Kurshina, M. L., and others. - Effect of structure formation in lacquer films on coating properties. p. 201.

Zakov, P. I., and others. - Modification of cellulose nitrate with grafted polyacrylonitrile. p. 202.

Berlin, A. A., and others. - Structure of dimethacrylic derivatives of oligoalkylene glycols and oligoalkylene glycolformals and their reticular polymers. p. 213.

Berlin, A. A., and others. - Thermomechanical and thermographic study of the crystallization of dimethacrylic esters of oligoalkylene glycols and oligoalkylene glycolformals and reticular polymers. p. 214.

Phila, K. A. - Role of chemical and structural effects in the modification of polymers. p. 200.

Militskiy, I. M. - Relaxation and structure formation in thin polymer layers. p. 208.

Khaligorskiy, A. L. - Calculation of conformations and packing of molecules in crystals by means of steric-potential methods. p. 202.

Vinogradov, G. V., Maibida, A. I. A., Shumskiy, V. F. - Viscoelastic properties of uniaxially stretched films as shown in the case of plasticized butyl rubber. p. 207.

Nikolovskiy, G. V., Leont'eva, S. A., Umarov, Kh. U. - Study of the molecular structure of different cellulose compounds modified with formaldehyde. p. 203.

Papkov, S. P. - Structural characteristics of polymers obtained from concentrated solutions. p. 201.

Kolesnikov, G. B., Fedotova, O. I. A., Tsi Zhan Tin. - Synthesis and study of polycarbonates. p. 207.

Mikhailov, M. V. - Structural polymerization of rigid-chain polymers. p. 203.

Agonin, I. A. - Effect of external pressure on the structure and properties of polymers. p. 212.

Borotsev, V. A., Dikova, L. S., Akosova, E. B. - Effect of structure characteristics of cord fibers on their properties. p. 217.

Lipatov, I. U. - Effect of boundary surface on the synthesis and structure of three-dimensional polymers. p. 217.

Drachuk, M. N., and others. - Effect of grafted chain length and copolymer on the properties of graft copolymers. p. 215.

Lipatova, T. K., Khochshko, R. P., Gusev, S. S. - Role of complex formation in radical polymerization of unsaturated oligo esters in the presence of SnCl_4 and TiCl_4 . p. 213.

Zakov, P. I. - Structural conformation in polymer dispersions. p. 213.

Kurshina, M. L., and others. - Effect of structure formation on the properties of polymeric coatings from phenol alkyl resins. p. 218.

Bukova, L. V., Mikhaylova, L. P. - Dependence of light scattering on the angle in polymer solutions. p. 217.

Nikolova, T. A., and others. - Thermal degradation of polyimides with heteroatoms in the chain modified with low-molecular weight additives. p. 215.

Kosheva, A. I. U., Kuznetsov, M. M., Ruzanovskaya, E. A. - Study of mass, size, and flexibility of macromolecules of some polysilicates. p. 218.

Kosheva, L. M., Kuznetsov, M. M. - Use of osmotic membranes in determination of mean molecular weight of polymers by the dynamic method. p. 220.

ZHURNAL ANALITICHESKOGO KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 13, no. 11, Nov. 1968.

Table of contents translated:
Kocherov, D. P., Plotnikova, R. R. - Study of photometric conditions in chemical fluorescence analysis. Report No. 3: Molar integral extinction coefficients. p. 107.

Zaslavskiy, I. I., Kiselev, I. U. P. - Pulse amperometric titration of organic compounds. p. 104.

Karlakha, A. V., Akhmedova, M. V., Kaligorodov, V. A. - Spectrometric analysis of nonmetals with the use of laser. p. 100.

Sholokov, K. P., Vinogradova, M. I. - Extraction of metal oxides and carbonates with solutions of complexes III. p. 106.

Bartina, P. I., Isanovskaya, E. I. - Lead as an activator in the kinetic determination of manganous. p. 112.

Gusev, S. I., Kuzova, L. A., Kosheva, L. A. - 8-(2-Pyridylazo)-2-methoxyethanol-p-arsenol as a

- metallochrome indicator in the complexometric determination of mercury (III). p.1628.
- Brackin, I.U.G., Martynova, T.I. - Quantitative precipitation of a silver acid complex of cerium with β -naphthol. p.1630.
- Zhelezovskiy, V.P., Petrov, R.I. - Highly selective method of determining vanadium and hafnium using diethylpyridylacetate. p.1634.
- Bachov, A.B. - Atomic-absorption determination of lead in mineral raw materials. p.1648.
- Borshchuk, L.M., Polukhin, N.B., Kononenko, L.I. - Extraction-photometric determination of uranium (VI) as a complex composed with thionyltrifluorocarbonate and rhodamine C. p.1647.
- Kish, P.P., Oshchinskii, I.U.K. - Extraction-photometric determination of salicylic acid chloroformate of methylbenzene blue. p.1651.
- Moskaleva, V.A., Polukhin, N.B. - Chemical mechanism of reactions between ions of multivalent elements and organic reagents. Report No.11 Reaction of tungsten (VI) with α , γ -dihydroxyphenylacetone. p.1658.
- Borshchuk, M.K., Kharinchenko, I.I. - Microcolorimetric study of the soluble red metal diethylglyoximate complex. p.1659.
- Vinogradova, E.N., Prokhorova, G.V. - Nature of hydrogen catalytic waves in an ammonium buffer solution in the presence of diethylglyoximate of metal and cobalt. p.1668.
- Vinogradova, E.N., Prokhorova, G.V. - Thermometric determination of cobalt in various alloys after its separation as $[Co(NH_3)_6]ClO_4$. p.1670.
- Bauer, A.L., Briskman, A.V. - Diethyl- and diethyl diethylphosphoric acids as analytical reagents. Report No.18 Extraction-photometric determination of palladium by means of diethylphosphoric acid. p.1678.
- Reukhin, L.V., and others. - Use of the reaction between iodide and triphenylmethane dyes for the spectrophotometric determination of microgram amounts of sulfides. p.1678.
- Tipton, V.G., Dvorina, A.G., Goltyshev, M.I. - Chemical-spectral determination of boron in high-purity steel. p.1684.
- Kalorina, M.A., Laseeva, G.E., Petrov, A.A. - Use of hot hollow cathode for the spectral-isotopic determination of gases in metals. p.1688.
- Moskov, L.I., Bickel, V.I., Bogatyrev, V.K. - Possibility of determining gases in metals by the radiochemical method. p.1690.
- Piler, T.M. - Analysis of isomeric composition of acetal and tert-butylalcohols by means of infrared spectroscopy. p.1703.
- Epikhov, V.P. - Oscillographic-polarographic determination of certain aliphatic dicarboxylic acids. p.1704.
- Maksimova, T.V., Tarakan, I.A. - Infrared polarographic determination of acetanilide, diethylbenzamide, and diethylamine. p.1712.
- Mamedov, M.A., Popova, T.P., Marina, M.B. - Selection of a stationary phase for determining the components of high-temperature elution of ethylene. p.1718.
- Tikhonova, V.I. - Kinetic method for the determination of formalin in the presence of impurities. p.1724.
- Polukhin, N.B., Moskaleva, G.F., Bragin, V.A. - Use of aluminometry and spectrophotometry in the ultraviolet for the determination of impurities of acetic anhydride and dihydroxy acid in diethylene. p.1724.
- Belikov, A.A. - Determination of organobologs compounds based on the formation of polymethine dyes. p.1728.
- Kidman, R.P., and others. - Porous glass as a solid carrier for separating polar substances in gas-liquid chromatography. p.1737.
- Kurkin, I.U.V., Zayatskaya, A.V. - Spectrophotometric determination of vanadium (III). p.1741.
- Vasil'ev, V.P., Koshkin, F.D. - Effect of temperature on the results of reaction determination by a catalytic method. p.1743.
- Gilbert, M.M., Prorok, V.A. - Radioactive determination of trace impurities in thallium. p.1747.
- Iskova, T.F., Fedorov, V.V. - Spectral-isotopic determination of gases in metals using a direct current arc. p.1758.
- Kheifets, L.I., and others. - Polarographic determination of phenol and some other hydroxy derivatives. p.1763.
- Korotkova, E.K. - Moscow seminar on analytical chemistry. p.1768.
- Il'in, R.P. - Third Conference on X-ray spectrum studies. p.1768.
- PRELIMINARY REPORTS (JOURNAL OF PHYSICAL CHEMISTRY). Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 41, no. 7, July 1967.
- Table of contents translated:
- Lazarek, M.A., Dubov, S.B., Medvedev, A.M. - Calculation of the ionization potentials of halo-substituted ethylenes by the simple method of molecular orbitals. p.1773.
- Melamed, G.B. - Study of hydrogen bonds in the products of advanced oxidation of paraffins by the infrared absorption spectra. p.1777.
- Morozov, P.P., and others. - Special features of the spectra of benzyl, allyl, and other compounds with a methylene bridge. p.1784.
- Lazarek, M.A., and others. - Calculation of the ionization potentials of halo-substituted ethylenes by the simple method of molecular orbitals. Part II. p.1784.
- Belikov, A.A., Benkevich, A.A. - Theory of vibrational relaxation. p.1789.
- Kondraty, V.K. - Theoretical study of dipole moments of nitrogen heterocycles. p.1797.
- Tarasova, M.V., Sverdlov, L.M. - Vibration spectra of unsaturated compounds. Calculation and interpretation of the vibration spectra of chloroprene and fluoroprene. p.1803.
- Tarasova, M.V., Sverdlov, L.M. - Vibration spectra of unsaturated hydrocarbons. Calculation and interpretation of the vibration spectra of 3,3-dimethyl-1,3-butadiene. p.1808.
- Moskov, I.U.I., Chirvak, O.V. - Study of self-diffusion in some amines by the spin echo method. p.1818.
- Vasilevskaya, A.A., Rabinovich, V.A. - Equation of state for liquid oxygen. p.1818.
- Devian, O.K. - Chemical thermodynamics of irreversible processes. Part I. p.1823.
- Vigorevskiy, V.N., Volpina, A.M. - Concentration dependence of the distribution coefficients expressed through an absolute and relative concentrations of components. p.1831.
- Belov, B.F., and others. - Diagram of phase equilibria of the system FeO - Cr₂O₃. p.1833.
- Kirgintsev, A.K., Koshlov, V.I. - Formal theory of the recrystallization of two-component systems. p.1838.
- Khasanovich, G.P. - Reaction of carbon with carbon dioxide in the range of 1200 - 2000° K. p.1848.
- Kogen, V.M., Babovskiy, B.G. - Interaction of metals with fused chlorides. p.1850.
- Bakharova, I.F., Korylov, A.F. - Some problems of the kinetics of chemical reactions in open systems. p.1855.
- Shchelkova, V.K., and others. - Kinetics of gas phase pyrolysis of α -pyrrolidone with the use of mass catalysis. p.1860.
- Strizhnik, V., Kononova, L., Vers, G., Bessie, - Kinetics of dehydrogenation of cyclohexane on palladium at the pressures lower than 1 mm Hg. p.1867.
- Melamed, M.L., Farnen, A.B., Khishinskiy, I.V. - Modification of skeletal metal catalyst by the addition of transition metals. Part II. p.1873.
- Bakharova, I.F., Abdurov, A.B., Aliev, G.M. - Interaction of thallium acetate with oxygen in selenium. p.1880.
- Khasanovich, G.P. - Reaction of carbon with oxygen in the 1180 - 1900° K. range. p.1884.
- Kashanova, Zh.P., Porozov, A.P. - Multicenter complexes of Fe³⁺ with ethylenediaminetetraacetic acid. p.1890.
- Pak, M.A., Shigoria, D.M. - Spectral study of the mechanism and products of photolysis of isocyanates of triphenylmethane dyes. p.1894.
- Gurevich, L.M., Deviatkin, V.M., Zhukov, K.F. - Infrared absorption spectra of hydrogen chloride dissolved in fused salts. p.1898.
- Kononova, T.A., Akhmed, A.V. - Preorganization state of hydrogen chloride in aqueous solutions. p.1904.
- Kononov, M.K., Tikhonov, V.V. - Temperature effect on kinetics of catalytic processes in quinoline sulfate solutions. p.1904.
- Belikov, V.A., and others. - Effect of some factors on electroconductivity of various on mercury in alkaline solutions. p.1913.
- Belikov, V.A., Desnitskiy, L.A., Anisimov, L.I. - Electrocapillary activity and reduction of acetone in aqueous and nonaqueous media. p.1918.
- Kash, V.M., Kuznetsov, A.I. - Functions of distributions in surface layers. p.1923.
- Iskova, T.F. - Relative gas chromatographic coefficients of activity on binary liquid phases. p.1930.
- Lagodzinski, V.D., Kam-Melakh, L. - Effect of the adsorption on nitrous oxide on temperature coefficient of the resistance of gold films. p.1934.
- Podolskiy, I.U.A., Berginskiy, O.M. - Adsorption of hydrogen on hydrogenated catalysts in solutions. Part II. p.1940.
- Byrkin, I.G., Martynov, I.U.M. - Adsorption of sparingly soluble substances from thallium tetrafluoride and its relation with solubility. p.1944.
- Avram, N.M., and others. - Isotherms and differential heats of adsorption of methylcyclohexane and perfluorooctylcyclohexane on graphitized thermal black and crystals of NaCl, NaBr, and NaI. p.1947.
- Kovalchuk, V.F., Kuznetsov, V.A., Kozlovskaya, E.P. - Surface tension of lithium - tin alloys. p.1954.
- Tsytsh, V.A., and others. - Study of the adsorption properties of organosilicones by the infrared spectroscopy method. p.1958.
- Lesko, I.U.B. - Dynamics of the sorption in a fluidized fixed bed allowing for heat release. p.1962.
- Ortman, E.M., Mamedov, I.A. - Effect of absorption of free alkyl radicals on work function of polycrystalline semiconductor films. p.1968.
- Lagodzinski, I.A. - Solution of the problems of dynamics of ion exchange chromatography by means of electronic computer used in the technology of rare earth elements. Part I. p.1973.
- Gromov, L.A., Ostrov, V.A. - Nature of the centers of blue luminescence of zinc sulfide. p.1978.
- Podolskiy, E.D., and others. - Thermodynamic studies of aminolysis of organochlorides. Part II. p.1983.
- Troshakov, I.U.D., Gaidaruk, V.A. - Thermodynamic properties of tetraquid germination dioxide. p.1988.
- Isvanova, L.I. - Dependence of the reduced thermodynamic potential on the positions of elements in the periodic system. p.1998.
- Dehallov, S.U., Khishin, Kh.M. - Effect of additions of Te and Se on the rate of crystallization of selenium. p.1998.
- Kopelov, I.F., Mikulashina, S.V., Chaper, D.V. - Change of optical difference of potentials of Hg₂ under the effect of adsorption. p.1998.
- Botalov, V.A., Bakharov, R.M. - Evaluation of errors appearing in the experimental measurements and calculations of the thermodynamic values in ion-exchange systems. Part II. p.1998.
- Botalov, V.A., Bakharov, R.M. - Evaluation of errors appearing in the experimental measurements and calculations of thermodynamic values in ion-exchange systems. Part I. p.1998.
- Khishin, Kh.M., and others. - Vibration spectra of naphthalene sublimates and its β -mono-derivatives. p.1998.
- Kirgintsev, A.K., Shchelkova, V.K. - Directed crystallization of the aqueous solutions of potassium chloride in the ampoules of various materials. p.1998.
- Kova, M.V., Severina, V.G. - Determination of zero coefficients of the activity of hydrogen chloride in ethers. p.1998.
- Rodina, A.A., Orlovskiy, M.A., Doroshova, N.I. - Study of the causes of stability changes of some palladium-rhodium alloys during their interaction with hydrogen. p.1998.
- Finkel'shteyn, A.V., Ivanov, V.V. - Self-diffusion of aliphatic-aromatic nitroaromatics and reactivity of nitro group in the reactions of catalytic reduction. p.1998.
- Laseeva, G.E., Radomskiy, V.I., Kuznetsov, I.M. - Heat of the combustion and formation of nitroaromatics, nitroacetic acid ethyl ether, trinitroacetone, trinitroethanol, trinitroethyl acetate. p.1998.
- Vasil'ev, V.P. - Temperature dependence of ΔS and ΔC_p some reactions of ionic association. p.1998.
- Orlovskiy, A.P. - Coiling forms of molecules of unsaturated normal hydrocarbons in the presence of rotational isomerism. p.1998.
- Khasanovich, G.P., Laseeva, G.E., Laseeva, L.A. - Critical curves of liquid vapor equilibrium in binary systems with azeotropes. p.1998.
- Koshinov, V.M., and others. - Thermodynamic studies of triphenylchlorosilane at low temperatures. p.1998.
- Lagodzinski, I.A., Shchelkova, V.I. - Spectral features of the kinetics of sorption of zinc and cadmium on cadmium chloride. p.1998.
- Pakov, I.E., Lavrent'eva, M.N. - True heat capacity at low temperatures, absolute entropy and enthalpy in standard conditions of 10⁵ Pa. p.1998.
- Berezina, V.G., Pakhomov, V.P. - Dependence of retention volume on value of unsaturated sample for different carriers in gas-liquid chromatography. p.1998.
- Kolobov, V.P., and others. - Standard enthalpy of the formation of 1,1-difluoroethane. p.1998.
- Zharovskiy, A.I. - Measuring the quickly changing longitudinal relaxation time by the spin echo method. p.1998.
- Kharichenko, S.K., Lukyanov, A.V., Mikhlin, V.A. - Using double isotope method. p.1998.
- Melamed, M.L., Markovskiy, A.M., Nikol'skiy, Mikhailovich (known as his scientific activity and thirtieth anniversary of his scientific activity. p.1998).

ZHURNAL OSHCHETI KIMII (JOURNAL OF GENERAL CHEMISTRY). Based by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 38, no. 10, Oct. 1966.

Table of contents translated:

- Moskalev, M.P., Melamed, K.P. - Calculation of heat capacities of solutions of sodium iodide in water, methanol, and acetone at 25°. p.2140.
- Kova, M.V., Severina, V.G. - Phase equilibria of hydrogen chloride-water-ether systems. p.2147.
- Drachuk, I.G., Vidulich, L.V. - Solubility isotherms of the system metal chloride, thioacetamide, and water at 80° and 90°. p.2150.
- Velikov, V.T., Zharovskiy, M.N. - Phase diagrams of ternary liquid systems consisting of two binary systems with upper critical solution temperature. Part I: Solubility of liquid phases in the system phenylhydrazine-water-butyric acid. p.2143.
- Melamed, K.P., Zharovskiy, M.N. - Equilibrium of liquid phases in the system glycerol-ethylamine-nitromethane. p.2147.
- Dobrynskiy, M.A., Dymarskiy, M.P., Melamed, K.P. - Polarographic study of kinetics of sodium sulfite reaction with potassium chlorate. p.2151.
- Kononov, I.V., Bessie, V.D., Dushkova, V.N. - Study of the mechanism of reduction of the azomethine group on aromatic Schiff bases on a dropping mercury electrode. p.2153.
- Borovikov, I.U.A. - Measurement of dielectric constants of solid-liquid systems in indifferent solvent. p.2160.
- Bessie, V.D., Khishin, L.I., Shchuk, N.A. - Mechanism of polarographic reduction of halo-anthraquinone in different media. p.2164.
- Troshakov, I.U.D., Romanovskiy, L.A., Troshakov, A.B. - Study of reaction in ketone-methyl alcohol-sulfide salt systems by means of infrared spectra. p.2171.
- Iskova, T.F., and others. - Infrared spectroscopic study of dihydroxime and some complexes based on it. p.2174.
- Krishova, O.G., Tarakan, I.A., Doshvinskiy, A.V. - Potentiometric and spectrophotometric study of acid dissociation constants of 3,3',4,4'-benzophenonetetracarboxylic acid. p.2177.
- Tarakan, I.A., Doshvinskiy, O.G., Korotkova, M.A. - Potentiometric study of acid-base dissociation constants of aminoalkyl esters of α , β -unsaturated acids in aqueous solution. p.2181.
- Melamed, V.A. - Reaction of substitution by copper salts. Part II: Formation of C-S bonds. p.2184.

- Strapichyev, I. A., Parlova, T. G., Zhivoblova, I. A. - Reaction of phosgene with tertiary amines. p. 1831.
- Bredikhin, N. V., and others. - Nitrolysis of organic halides. Part 3: Nitrolysis of alkyl halides and mechanism of the reaction. p. 1833.
- Kulikova, A. E., and others. - Transformations of vinylidene chloride in the presence of aluminum chloride. p. 1839.
- Iashina, O. O., and others. - Organotin and organotin-mixed synthesis of vinylacetylene ketones. p. 1904.
- Seleznev, R. V., Prib, O. A., Vlasov, R. V. - Synthesis and alkylating properties of some unsaturated acrylate acid esters. p. 1907.
- Kayser, G. I., Al'tshuler, V. M. - Study of the chemistry of organic oxides. Part 31: Addition of thiol to monoxide of chloroprene (3-chloro-3,4-epoxy-1-butene). p. 1919.
- Krasnitskaya, O. M., Seleznev, R. V., Dergachev, M. T. - Study of amino acids. Part 4: Synthesis of γ -substituted α -glutamic acids. p. 1914.
- Karavay, V. A., Khasko, T. K., Terent'eva, T. I. - Chemical transformations of α -halo ketones. Part 16: Kinetics of the reaction of α -bromocyclohexanone with substituted anilines in acetylacetone. p. 1918.
- Tashchova, Y. I., Dneprovskii, A. S. - Chemical transformations of halo ketones. Part 17: Reaction of α -halo- β -diketones with nucleophilic reagents. p. 1923.
- Konstantinova, M. V., Shvachkova, O. S., Baidakov, I. A. - Halide derivatives of hydroxylamines. Part 21: O-carbamoyl-N,N'-dialkylhydroxylamines. p. 1925.
- Repinov, F. N., Grib, S. S. - Adamantane and its derivatives. Part 16: Electrolysis of adamantan-1-ylacetic acid and adamantan-1-yl-3-carboxylic acid. p. 1932.
- Shvedchik, L. G., Vysotskaya, M. A. - Catalytic oxidation substituted benzenes by hydrogen peroxide. p. 1933.
- Shin, S. M., Danilova, M. K. - Nucleophilic substitution in the aromatic series. Part 27: Kinetics of reactions of nitrobenzylchloride and trinitrobenzylchloride with pyridine, triethylamine, diethylamine, and dimethylformamide. p. 1940.
- Shin, S. M., Danilova, M. K. - Nucleophilic substitution in the aromatic series. Part 28: Kinetics of reactions of 2,4-dinitrobenzylchloride with pyridine and morpholine in methyl alcohol and acetone. p. 1947.
- Boldyrev, B. G., and others. - Study of chloroacetic acids. Part 24: Infrared spectra and structure of chloroacetic, dichloroacetic, and trichloroacetic acids, their salts and esters. p. 1953.
- Drozd, V. M., Kozlova, L. I. - Mechanism of Baeyer-Villiger rearrangement of α -methylbenzyl sulfones. Rearrangement of α -methylbenzyl sulfones. New form of the substitution in the aromatic series. p. 1961.
- Kharidil, V. L., and others. - Reactivity of substituted methyl group in nitro compounds. Part 1: New reaction of 3,4,5-trinitrobenzene. p. 1969.
- Solov'eva, I. A., Osanova, A. G. - Production of secondary aromatic and aliphatic aromatic amines by the Baeyer-Villiger rearrangement. p. 1973.
- Ozka, S. S., and others. - Reactions of aromatic nitro compounds. Part 23: Structure of products of the addition of two nucleophilic molecules to polynitro compounds. p. 1979.
- Lekushevich, V. O., Dolzhenko, N. M. - Effect of alkali metals on quinones, nitro, nitroso, azo compounds, and ketones of the aromatic series. p. 1985.
- Kiprianov, A. I., Vasil'kovskii, T. M. - Cyanine dyes with two conjugated chromophores. Part 8. p. 1981.
- Chernobay, T. K., and others. - Effect of the nature of substituents containing nitrogen on the rate and direction of hydrogenation of structural analogs of chrysanthemic acid (4,6-dihydroxy-2-methylanthraquinone). p. 1988.
- Dolzhikova, M. S., Voronovskii, G. M., Krasova, F. I. - Derivatives of acenaphthene. Part 2: Synthesis of 6,6'-diacetylthiophene-4,8'-dicarboxylic acid, 6,6'-diacetyl-4,8'-diacetylthiophene, and 1,3,6-trisubstituted (6,7,1-oxa)-anthracene-9-one. p. 2000.
- Aleksandrov, B. Z., Koffa, D. V., Kuznetsov, S. G. - Reducing metalation of carbonyl compounds. Part 9: Dual reactivity of dihydrazine derivatives of ketones. p. 2003.
- Lavitskaya, R. M., Iremchuk, M. K., Vasil'kova, M. Sh. - Synthesis of substituted diene-9-azabicyclo[3,3,1]nonane. p. 2009.
- Akperov, O. G., Akimov, M. Y. - Catalytic allylation of β -alkylketones. p. 2009.
- Mavrinova, E. O., and others. - Synthesis of β -isopropylketones. p. 2011.
- Platavskaya, E. M., and others. - Mechanism of reaction of β -bromocyclohexanone with dimethylamine. p. 2013.
- Korobitsyna, I. K., Gurevich, L. S., Barova, I. V. - Chemistry of ketones of the furanoid series. Part 7: Synthesis and isolation of esters of allyl-glycolic acids. p. 2020.
- Korobitsyna, I. K., Barova, I. V., Barvalova, V. G. - Chemistry of ketones of the furanoid series.

- Part 8: Synthesis and photochemical rearrangement of 4-dioxo-2,3,5,6-tetraethyl and 4-dioxo-2,3,5,6-tetraethyl-3-furanoides. p. 2016.
- Spasov, V. A., Pirogov, P. A., Val'dekhin, M. S. - Chemistry of derivatives of sulfonic acids. Part 1: Study of the formation of benzenesulfonyl- β -sulfonamide in simultaneous oxidation of 2-methoxybenzothiazole and amines. p. 2035.
- Kiprianov, A. I., Buriak, V. I. - Interaction of conjugated chromophores in molecules of bisbenzoyl-dyes. p. 2030.
- Borisov, M. V., Kholosov, L. B., Iashinski, V. G. - Synthesis and synthesis of ketones. Part 41: Effect of substituents on infrared and ultraviolet spectra and dipole moments of ketones. p. 2034.
- Zagorodskii, V. A., Saval'ev, V. L., Dodykina, N. V. - Studies of the pyran series, its analogs, and related compounds. Part 26: Reaction of amines with 4-chlorocoumarin. p. 2041.
- Shchegolev, M. P., and others. - β -Lactones and β -lactams. Part 57: Synthesis of 3-amino-2-pyrone. p. 2045.

Vol. 4, 1966. Unpublished [Index]

ZHURNAL STRUKTURNOY KHIMII [JOURNAL OF STRUCTURAL CHEMISTRY]. Issued by Akademiya Nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 3, nos. 4-6, July-Oct. 1963.

a. MATHEMATICS

- AKADEMIYA NAUK SSSR. Izvestiya. Seriya matematicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 31, no. 6, Nov.-Dec. 1966.
- Table of contents translated
- Mashin, I. I. - Cubic hypersurfaces. Part 1. Quasigroups of classes of points. p. 1235.
- Mordukhai, S. P. - Adams operators and fixed points. p. 1245.
- Pleschinskii-Shagrir, I. I. - Modulo p reduction of fields of modular polynomials. p. 1264.
- Rottar, A. V. - Unboundedness of the dimensions of indecomposable representations of algebras having an infinite number of indecomposable representations. p. 1276.
- Lakotsev, A. V. - Galois group of algebraic closure of a local field. p. 1283.
- Kats, V. O. - Simple irreducible graded Lie algebras of finite growth. p. 1322.
- Parasolov, A. M., Popov, V. S. - Cauchy operators for semisimple Lie groups. p. 1368.
- Feldman, M. I. - Semigroups of solutions of degenerate elliptic equations. p. 1361.
- Litvinchuk, G. S. - Correction to my paper on "Moser's theory of a system of singular integral equations with Carleman shift and completely adjoint unknowns." p. 1414.

AKADEMIYA NAUK SSSR. Matematicheskii Izhivitel' [Trudy (ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute. Transactions)]. Moscow, vol. 148, 1966.

Contents: [Kholosov L.B. - Dimensional distributions of Goursat's best-known examples of representations. 133 p.]

- KIBERNETIKA I DIAGNOSTIKA (CYBERNETICS AND DIAGNOSTICS). Issued by Rishchik politehnicheskii institut (High Polytechnical Institute). Riga, no. 1, 1966.
- Table of contents translated:
- Ozis, I. A. - Electric measuring equipment and computers in automobile diagnostics. p. 2.
- Ozis, I. A. - Cybernetic models and methods for solving the problem of automobile diagnostics. p. 8.
- Ozis, I. A., Markovskii, K. P. - Graph model for the braking system of an automobile with a hydraulic drive. p. 11.
- Kristalov, D. S. - Scheme of a logical device for the diagnosis of faults in complex objects. p. 22.
- Avotkin, A. R. and others. - Functional model of a carburetor-type internal combustion engine. p. 28.
- Kristalov, D. S., Miloserdov, K. K. - Mathematical modeling of carburetor-type internal combustion engines. p. 33.
- Borisov, A. M. - Qualitative relationships in a complex object. p. 44.
- Kristalov, D. S. - Method for diagnosing faults in complex mechanical systems. p. 54.
- Kristalov, D. S. - Problems in engineering diagnosis. p. 62.
- Gol'dshchik, I. A. - Principal integral equation of the diagnosis of a dynamic system and its solution by means of shaping filters. p. 70.
- Kevish, P. M. - Informational analysis of an object. p. 86.
- Gol'dshchik, I. A., Kholosov, L. V. - Determination of the transfer functions of stationary impulse systems in one functional model. p. 86.
- Tinokov, V. A. - Method for describing signals and effects expressed by discrete combinations of the distribution of points by simple polynomials. p. 91.

- Tinokov, V. A., Kain, V. M. - Transformed linear differential equation with derived right part into a system of first-order equations. p. 103.
- Tinokov, V. A. - Simple graphical method studying the stability of linear dynamics up to and including the sixth order. p. 104.
- Kain, V. M. - Construction of a region of p states for a static system according to δ of permissible perturbations. p. 105.

MATEMATICHESKII IZHIVITEL' (MATHEMATICAL STUDIES). Issued by Institut matematiki i fiziki Akademiya Nauk SSSR (Institute of Mathematics and Physics of the Academy of Sciences of the U.S.S.R.). Moscow, vol. 1, no. 1, 1966.

Table of contents translated

Adams, V. M., Aron, D. K. - Unitary and unitary operators. p. 2.

Andrushevich, V. A., Rishchik, I. U. - In rings. p. 5.

Burkhar, M. A., Gol'dberg, I. T. - Factor operators in a Banach space. p. 9.

Beloslov, V. D. - On a class of n -ary loops. p. 10.

Beloslov, V. D., Rishchik, V. V. - A method drawing closure figures. p. 140.

Golts, I. M. - Distributions in rings. p. 161.

Kreft, M. G., Shchegolev, I. U. - J -polarization of plus-operators. p. 173.

Vol. 2, no. 38, 1967.

- Table of contents translated:
- Bodianski, M. S., Gol'dberg, I. T. - Factor problem in abstract Herstein algebras. In indecomposable algebras. p. 3.
- Ginsberg, I. U. - Multiplicative representations of J -nonexpanding operator functions. Part 1. p. 30.
- Gol'dshchik, I. S. - Discrete analog of a Weyl n -dimensional integral equation. p. 37.
- Krein, M. G., Shchegolev, I. U. - Fractional transformations with operator coefficients. p. 37.
- Larin, S. V., Loiko, N. V. - Periodic Abelian Stein's isotropic quasi-groups. p. 37.
- Rishchik, I. U. - Radicals in categories. p. 37.
- Gol'dberg, I. T., Shchegolev, I. U. - Some remarks on the similarity of operators. p. 38.

MATEMATICHESKII SBORNIK (MATHEMATICAL VIEW). Issued by Akademiya Nauk SSSR and Akademiya Nauk SSSR (Academy of Sciences of the U.S.S.R. and the Moscow Math Society). Moscow, vol. 77 (196), no. 403, Dec.

Table of contents translated

Mank, I. U. - Correspondences, motives, and monoidal transformations. p. 476.

Shchegolev, I. U. - Contribution to the theory of characters of bicompact topological rings. p. 508.

Danilov, V. I. - Groups of classes of ideals of a complemented ring. p. 533.

Shchegolev, I. U. - On discrete arithmetical groups of complex Lie groups. p. 543.

Alekseev, V. M. - Quasi-stochastic dynamics. Part 2: One-dimensional nonlinear vibrational periodically perturbed field. p. 548.

Dodin, I. P. - Conditions for the triviality of sections of holomorphic fibering over a complex space. p. 553.

METODY VYCHISLENIY (COMPUTATION METHODS). Issued by Kafedra vychislitel'noi matematiki i kibernetiki (Center for Computational Mathematics and Cybernetics) [Department of Computer Methods and Cybernetics of the Leningrad State University]. Leningrad, no. 8, 1966.

- Table of contents translated:
- Dergunov, I. K. - Evaluation of the norms of a matrix. p. 3.
- Kiselev, V. - Some cubature formulas for δ p. 10.
- Babitskiy, A. M., Gavrilin, M. K. - Experimental regularization of differential networks. p. 20.
- Dmitriyevich, I. U. K. - Some networks for the construction of the approximation solution of the problems. p. 18.
- Anolik, M. V. - Calculation of potentials of n and double layers on a plane and their derivatives near the regional boundary. p. 34.
- Anolik, M. V., Barminev, R. G. - Second line integral kinetic operator and the shock in a monatomic gas. p. 43.
- Anolik, M. V. - Calculation of thermal integrals encountered in a problem of the structure wave in a monatomic rarefied gas. p. 48.
- Krasulina, T. P. - Statistical problems of control of recording. p. 60.
- Karlovskiy, I. T., Rishchik, V. I. - Repres of algorithms in LISP and ALGOL-60. p. 67.
- Karpovskiy, M. G., Levit, M. V., Rishchik, V. I. - Some machine algorithms for coding and automatic correction. p. 73.
- Chirkov, M. K. - Calculation of probability of failure of composite networks. p. 85.

- Chirkov, M. K. - Analysis of the stability of the functions of the algebra of logic with distortions of arguments. p. 102.
- Shklyar, A. M. - Evaluation of the error of approximate multiplication. p. 180.
- Ostapchuk, A. I., Shklyar, A. M. - Evaluation of the error of abbreviated division. p. 181.
- Freidson, R. I. - Representability of irregular sets by finite automata sequences. p. 147.
- UKRAINE UNIVERSITY. Zhurnal nauki. Uchenye zapiski Lvivskogo gosudarstvennogo universiteta [UNIVERSITY STUDIES].** Vol. 91, 1968. Bratislava center. Ukrai. Trudy Vyschislitel'nogo tsentra [COMPUTATION CENTER. TRANSACTIONS], no. 3. Theory of functions and boundary value problems.
- Table of contents translated:
- Ribakova, E. - Review of studies on the asymptotic representation of functions conducted in Riga. p. 3.
- Ribakova, E. - Asymptotic expansions of some rapidly oscillating integrals in cylindrical functions. p. 23.
- Ribakova, E. - Asymptotic expansions of entire functions and Fourier integrals. p. 47.
- Chirba, T. - Use of the saddle-point method in certain singular cases. p. 76.
- Belman, R. - Phase-bound analytically with respect to a parameter in the problem involving crystallization of the melt due to the immersion of a plate. p. 80.
- Babitskaya, L. I., Enikseva, E. Kh. - Evaporation or condensation of vapor of a fluid from binary spherical bubble. p. 181.
- SEMINAR "FIZIKO-TEKHOLOGICHESKIE VOPROSY KIBERNETIKI." Trudy [SEMINAR "PHYSICOTECHNOLOGICAL PROBLEMS IN CYBERNETICS." TRANSACTIONS].** Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [1968] [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, no. 1, 1968.
- Table of contents translated:
- Orlov, I. M., Taborko, M. I., Kok, M. V. - Analysis of transfer characteristics of a bistable electrodynamic image converter. p. 3.
- Orlov, I. M., Taborko, M. I., Kok, M. V. - Effect of the capacitance of a photoconductor and of active leakage in an electrodynamic layer on the parameters of an image converter. p. 47.
- Orlov, I. M., Taborko, M. I., Kok, M. V. - Calculation of the parameters of a two-electrode electrodynamic image converter for a nonlinear volt-ampere characteristic of a photoconductor. p. 44.
- Garmashova, T. A., Lisulov, I. A. - Electrodynamic image converters and effect of the characteristics of a photoconductive layer on their parameters. p. 58.
- Lisulov, I. A., Polozinov, B. V. - Some methods for evaluating the effect of nonlinearities of control elements on the parameters of electrodynamic devices. p. 84.
- Orlov, I. M. - Electrodynamic panels with nonlinear resistances. p. 89.
- Avotina, M. G. and others. - Manufacture and characteristics of low-voltage lithium electrodynamic converters. p. 120.
- Bol'shakov, T. P. and others. - Flexible electrodynamic image lamps. p. 148.
- Zvargalov, V. V. - Coercive force of a two-layer film. p. 181.
- No. 2, 1968.
- Table of contents translated:
- Osov, V. M., Osova, M. L., Tsyplenkov, V. R. - Microthin silicon diodes obtained by means of ion beams. p. 3.
- Ivanov, M. S., Shuglin, V. A. - Memory elements using solid thin magnetic films with field bias and bipolar register. p. 15.
- Iskakov, A. I., Chalk, A. M., Pribludny, V. M. - Electrical and optical characteristics of electrodynamic matrix screens with nonlinear impedances. p. 27.
- Litvak, I. I. and others. - New types of electrodynamic signal indicators and some results of the evaluation of their readability. p. 48.
- Mekrasov, M. M., Lavrinchenko, V. V., Plakhotny, M. V. - Study of whiskered piezoelectric transformers. p. 68.
- Mekrasov, M. M., Maschalo, V. A., Plakhotny, M. V. - Piezoelectric multiplying element. p. 78.
- Kocher, A. P., Mikhailov, G. A. - Designing of orotronic logic. p. 86.
- Zvargalov, V. V., Zharkov, G. P. - Susceptibility of thin magnetic films and nonuniformity of magnetic structures. p. 102.
- Zharkov, G. P., Ostrik, L. I. - Magnetic properties of films condensed on polymers and metal substrates. p. 108.
- No. 3, 1968.
- Table of contents translated:
- Kabacov, A. M., Vol'kov, L. I. - Use of an electron-beam in the machining of materials. p. 3.
- Solovov, L. A., Etkin, A. M. - Features of using microdischarge electron-beams in welding composites with thin metal films. p. 26.
- Derkach, V. P., Sidorenko, S. L. - Kinetics of the processes of local electron-beam alloying of semiconductors. p. 38.
- Derkach, V. P., Medvedev, I. V. - Calculation of the kinetics of thermal processes for the determination of technological prospects for microdischarge electron-beam working of semiconductors. p. 62.
- Ostapchuk, I. V., Panov, I. P. - Effect of the boundary creep of the domains of the magnetic characteristic of films and field parameters in the direction of hard magnetization on a threshold field. p. 73.
- Ostapchuk, I. V., Ostapchuk, I. V. - Switching characteristics of thin-film permalloy elements. p. 84.
- Ostapchuk, I. V., Zharkov, G. P., Dzerzhovskii, V. G. - Manufacture of magnetic matrices by drawing a liner over an evaporator. p. 102.
- SEMINAR "TRAPROBOVANIE OBRATOV I KONSTRUIOVANIE CHITATEL'SKIH AVTOMATOV." Trudy [SEMINAR "RECOGNITION OF SAMPLES AND BUILDING READING MACHINES." TRANSACTIONS].** Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [1968] [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, no. 1, 1968.
- Table of contents translated:
- Gimelfarb, G. L., Kuznetsov, K. F. - Optimal algorithms for coding in some statistical models of representations. p. 2.
- Grobner, V. A. - Algorithm for the construction of matrices for correlational reading automata. p. 18.
- Gimelfarb, G. L., Kuznetsov, K. F. - Study of statistical models of a machine written sign. p. 27.
- Vitalik, P. K. - Comparative characteristics of non-linearities in speech cognition. p. 46.
- Kurlov, V. A. - Analytical determination and analysis of the structure of signals with a stable after uniform discrimination. p. 58.
- Kuznetsov, V. A. - Analysis of errors in the calculation of non-square distances and correlations between signals using their values at equidistant points. p. 84.
- Rybak, V. L., Zharkov, G. P. - Photoelectric converter of an optical data processing unit with a digital computer. p. 104.
- SEMINAR "TEORIYA TOCHNOSTI I NADEZHNOSTI KIBERNETICHESKIH SISTEM." [Trudy. SEMINAR "THEORY OF ACCURACY AND RELIABILITY IN CYBERNETIC SYSTEMS." TRANSACTIONS].** Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [1968] [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, no. 2, 1967.
- Table of contents translated:
- Dobson, D. G. - An algorithm for reducing a system of dependent random variables to independent ones. p. 3.
- Dobson, D. G. - A method for computing two-dimensional normal distribution. p. 11.
- Papayev, V. I. - Deterministic analysis of the stability of units subject to large increments of the parameters of their elements. p. 26.
- Elizav, E. I. - Analysis of errors of a chain of successively connected linear models. p. 30.
- Ostrik, L. I., and others. - Study of zero-circuits constructed on the basis of a differential amplifier. p. 44.
- Zharkov, G. P., Mikhailov, G. A., Bolshak, V. K. - Statistical characteristics of the operation of digital computers. p. 67.
- Andreev, L. I., Arskii, L. I., Karashev, V. I. - Use of microprogram automata for the control of complex systems. p. 102.
- PHYSICS**
- AKADEMIYA NAUK KAZAKHSTAN S.S.R., Alma-Ata. Izvestiya. Seriya fiziko-matematicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in the Physical-Mathematical Sciences].** Alma-Ata, vol. 3, no. 2, May-Aug 1968.
- AKADEMIYA NAUK KAZAKHSTAN S.S.R., Alma-Ata. Izvestiya. Seriya fiziko-matematicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Physical-Mathematical Series].** Alma-Ata, vol. 6, no. 6, Sep.-Oct. 1968.
- Table of contents translated:
- Peradskii, K. P. - Use of Euler's method in solving differential equations in the nonlinear space. p. 1.
- Peradskii, K. P. - Taylor's series in nonlinear space. p. 9.
- El'm, N. K. - Some properties of a Jacobi determinant and their applications. p. 13.
- Bugayev, G. M., Khabibullin, A. A. - Existence of bounded solutions of certain functional equations in nonlinear spaces. p. 17.
- Arzharov, I. G., Shibaev, E. B. - Solution of a relativistic quantum equation for an electron in a Compton field. p. 26.
- Peradskii, K. P., Kondratiev, V. P. - Stability of the solution of linear systems of differential equations. p. 30.
- Moldabekov, B. M. - Stabilization of relay systems. p. 38.
- Belitskiy, I. B. - Poisson's law for nonsteady-state Markov chains. p. 42.
- Boldurakov, G. - Determining the position of a strong dislocation wave following the impact of a blunt body against a flexible membrane. p. 48.
- Konchakov, K. Kh. - Equations describing the stability of thin isotropic plates with allowance for transverse shifts. p. 60.
- Mukharov, G. M. - Some estimates of the increment of a conformal mapping at the threshold of a star-shaped domain. p. 62.
- Litvinova, I. D. - Existence of solutions of an enumeration system of D-equations. p. 62.
- Kasayev, K. A. - Asymptotic behavior of a problem with an initial discontinuity for nonlinear systems of integrodifferential equations containing a small parameter at the higher derivative. p. 71.
- Ostrik, L. I. - Distribution of spectral elements of Abelian fields of the () type. p. 73.
- Mukharov, G. M., Belitskiy, I. B. - A class of polynomial orthogonal on convolution. p. 77.
- Mukharov, G. M. - Existence of non-negative ω -periodic solutions for systems of integrodifferential equations. p. 80.
- Pak, Z. M. - Approximation along a three-point curve. p. 82.
- AKADEMIYA NAUK SSSR. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics. TRANSACTIONS].** Moscow, vol. 43, 1968. Nonlinear optics.
- Table of contents translated:
- Rastan, B. G. - Some problems concerning the theory of gas lasers. p. 3.
- Kuznetsov, T. I. - Interaction between electrostatic fields and active media. p. 12.
- Sukhor, A. F. - Electrodynamics of lasers with open resonators with inhomogeneous fillers. p. 10.
- Lobachov, V. S., Sukhor, A. F. - Dynamics of a laser with instantaneous Q-switching. p. 180.
- Kirichov, B. P. - Nonlinear interaction between electromagnetic waves in an active medium and their usability for the production of new types of lasers. p. 187.
- AKADEMIYA NAUK SSSR. Izvestiya. Matematika i fizika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical and Physical Sciences].** Moscow, no. 3, May-June 1968.
- Table of contents translated:
- Mitushin, V. A., Korotkiy, V. I., Medin, A. A. - Certain electrodynamic effects in the case of MHD generator. p. 3.
- Lisulov, G. A., Mikhailov, V. M. - Analysis of the area of plasma disturbance near the electrode. p. 3.
- Andreev, N. A., Shari, V. P. - Motion of a system of motion equations of selectively radiative gas in a shock layer. p. 18.
- Alshovskii, V. M., Ivanov, A. V. - Flow of a rarefied gas near the frontal critical point of a blunt body at hypersonic velocities. p. 38.
- Grodzovskii, G. L. - To the theory of gas ejector with a high degree of compression and a cylindrical mixing chamber. p. 38.
- Kiselev, G. M. - Vortex under the surface of a heavy liquid. p. 48.
- Reevich, I. A. - Regimes of laminar stationary flows of bicomponent dispersed systems. Vertical flow. p. 53.
- Migmatin, R. I. - Some problems of hydrodynamics of two-phase polydispersed media. p. 62.
- Haraball, G. I., Kalashnikov, V. M. - Effect of supermolecular formations in diluted solutions of polymers on turbidity. p. 68.
- Chirpuk, P. I., Gorshkov, A. G., Shcherbak, V. M. - Method for calculating oscillations of a fluid in an elastic shell of revolution. p. 74.
- Barov, V. K. - Lattice of random vibrating profiles in a flow of a noncompressible liquid. p. 81.
- Karpov, I. U., Novoselov, I. U., Cherkov, A. I. - Calculation of a stretched flow between two bodies. p. 88.
- Ostrik, L. I. - Aerodynamic effect of a train on a small body. p. 90.
- Ribakova, E. Kh., Fedisevskii, K. K. - Periodical separation of vortices from the surface of a Voronobakh, L. P., and others. - Results of calculation using the method of gas flow characteristics with particles in asymmetric nozzles and the comparison with results of one-dimensional approximation. p. 123.
- Pavlov, B. M. - Calculation of supersonic flow around blunt bodies using the complete Navier-Stokes equations. p. 134.
- cylinder and forces produced by the vortices on the supercritical regions of streamlining. p. 180.
- Konurav, A. M. - Calculation of two-dimensionality in flat parallel flows of viscous liquid in the Haseg theory of hydrodynamic stability. p. 184.
- Gusev, V. M., Zhukova, A. V. - Precise solution of Navier-Stokes two-dimensional equations. p. 189.
- Nazarov, G. I. - Accurate solution of gas dynamics equations. p. 113.
- Fidras, V. I., Shifrin, E. G. - Three-dimensional vortex flow in the vicinity of the point of orthogonality of streamlines to the velocity vector. p. 121.
- Barrin, A. A., Kalikowski, A. G. - Effect of the longitudinal component of electric field on the ionizing shock waves in gas. p. 133.

- Ioffe, V. S. - Potential drop in the boundary boundary layer on a solid substrate. p. 128.
- Al'ter, S. L., and others. - Numerical solution of a system of nonstationary two-dimensional Navier-Stokes equations for a flow and heat exchange of viscous heat conducting compressible gas in closed ring section. p. 140.
- Karpov, V. A. - Turbulent boundary layer on the surface of blunt cones. p. 147.
- Zimov, V. L. - Experimental investigation of turbulent diffusion in ducts of variable cross-section. p. 151.
- Panov, I. A. - Interaction of a falling three-dimensional shock wave with a turbulent boundary layer. p. 159.
- Bobrov, V. P., Dragunov, M. M., Babayev, G. I. - Generalization of experimental data on the intensity of velocity pulsations during turbulent flow in liquid in ducts of various shapes. p. 163.
- Pollakov, V. I., Rymonukh, A. M. - Radiative heat exchange in a flat parallel layer of absorbing, scattering and diffusing gas at a random distribution of diffusion. p. 166.
- Varnavskiy, V. P. - Numerical investigation of a periodic flow of viscous incompressible fluid. p. 174.
- Ivanov, V. P., Reimerik, I. I. - Design of molecular pumps. p. 178.
- Leontov, A. I., Malkin, A. I. A. - Effect of normal stresses in a steady one-dimensional flow of polymer melts. p. 184.
- Iskenderov, R. A. - Field of the wall in a petroleum pool with a partially permeable contour. p. 190.
- Institute of Mathematical Problems of the U.S.S.R. Academy of Sciences. p. 194.
- Hydrodynamics Institute of the Siberian Branch of the U.S.S.R. Academy of Sciences. p. 198.

AKADEMIYA NAUK SSSR. Meteorologicheskii geofizicheskiy zhurnal. Meteorologicheskii zhurnal [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee, Meteorological Bulletin]. Moscow, no. 25, 1968. Circulation and climate epochs in the Northern Hemisphere in the first part of the 20th century.

- Table of contents translated:
- Chaplygin, A. S. - Circulation regime of the atmosphere and its relation to the anomalies of the mean monthly air temperature. p. 7.
- Chaplygin, A. S. - Recurrence and the order of the processes of elementary circulation mechanisms in the winter season. p. 19.
- Kirpichnikov, L. V. - Practice in energy characteristics in winter atmospheric processes in the Northern Hemisphere. p. 31.
- Savits, S. S. - Climate differences of extreme decades as a result of the displacement of zones of arctic invasions. p. 41.
- Chaplygin, A. S. - Winter circulation and meteorological conditions in the Far East for two epochs. p. 50.
- Kozlov, M. K. - Fluctuations of the circulation of the atmosphere and air temperature of Eastern Siberia. p. 59.
- Kozlov, M. K. - Causes of the change in the amount of precipitation in Eastern Siberia. p. 103.
- Barina, S. R. - Comparative characteristics of the extreme periods of circulation epochs in the European part of the U.S.S.R. and in Western Siberia. p. 113.
- Kovaleva, K. V. - Connection of circulation types with the anomalies of mean monthly temperature and precipitation on the European part of the U.S.S.R. p. 130.
- Peterson, L. S. - Connection of elementary circulation mechanisms with the regions of local weather in January in the Moscow region. p. 134.
- Dolgikh, V. L., Barina, S. S. - Connection of phenological phenomena with climatic fluctuations as revealed by a study made in the European part of the U.S.S.R. p. 144.

AKADEMIYA NAUK SSSR. Meteorologicheskii geofizicheskiy zhurnal. Meteorologicheskii zhurnal [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee, Meteorology]. Moscow, no. 24, 1967. Contents: Sokolov, A. V. [Quasi-Stationary] Oscillations in the Atmosphere. p. 149.

- AKADEMIYA NAUK SSSR. Meteorologicheskii geofizicheskiy zhurnal. VI zbornik prelozheniy [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee, 6th Session of the XIV Program Solar Activity, Papers]. Moscow, no. 1, 1968. Solar corpuscular streams, location of their sources, and relation to geomagnetic disturbances. Table of contents translated:**
- Nashel', E. R., Bagrov, M. B. - Correlation of geomagnetic disturbances with phenomena on the sun. p. 8.
- Bobrov, M. B. - All-planetary representation of geomagnetic disturbances of corpuscular origin. p. 18.

AKADEMIYA NAUK USSR. Kiev. Geofizicheskiy sbornik [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Geophysical Papers]. Kiev, no. 20, 1968. Table of contents translated:

- Khachov, A. A., Fedorova, M. A. - Prospecting for

- horizontally extended perturbing bodies with the aid of gravity anomalies in mines. p. 8.
- Gulidze, G. I. A. - On singular points of analytic continuation of gravity potential derivatives. p. 18.
- Dubinskii, E. G., Logachev, V. E. - Selection of initial approximations in solving inverse problems by the method of steepest descent. p. 28.
- Losovskii, E. K. - Intensity of secondary multiple reflected waves in laminated media. Part I. p. 32.
- Popov, I. I. - Differential approach to estimate group velocities of surface seismic waves in zones of interaction of longwave paths. p. 44.
- Petrovskii, E. P., Patrik, D. V., Khukhria, V. M. - Techniques for seismic prospecting studies of subalkali lower Permian and Carboniferous deposits of the Dnieper-Donets Lowland. p. 47.
- Losovskii, E. K. - Use of synthetic seismograms in analyzing the feasibility of spectral selective attenuation of multiply reflected waves. p. 57.
- Kozlovskiy, O. M. - On the two types of wave multiplicity in the S-wave depression. p. 68.
- Shapoval, B. I., Makovskiy, O. P., Ponomareva, M. F. - Use of magnetic separation in interpreting the magnetic properties of rocks. p. 74.
- Migunov, B. B., Kholin, V. M., Kharkov, S. E. - Concentration-type spectroscopic stimulation equipment for radioactive logging of wells in ore beds. p. 80.
- Ariskovich, G. V., Solovov, E. D., Vin, M. A. - Broad GVD-4000 for studying the effect of boring techniques on the mechanical properties of rocks. p. 85.
- Ponomarev, T. F. - Interpretation of geophysical field data as applied to the clay reservoirs of the Dnieper-Donets Lowland. p. 94.
- Petrovskii, O. I. - Method for determining the velocity of elastic waves in a section with the aid of acoustic logging. p. 97.

№ 28, 1968.

- Table of contents translated:
- Solov'ev, V. B. - Nature of seismic interfaces within the earth's crust. p. 1.
- Gerasimov, I. I. G. - Origin and development of the earth's crust and the role of radioactivity in these processes. p. 26.
- Kuznetsov, R. I. - Connection between the heat flow and thermal processes. p. 36.
- Solov'ev, V. B., Bulinskii, L. T., Cherkasov, A. B. - Deep crustal structures in the region of the Kirovskaya platform, according to seismic data. p. 31.
- Smolinskii, T. V. - Results of investigation by the reflection-correlation method on the structure of the Dnieper-Donets Depression along the Blumenshteyn-Donetsk profile. p. 47.
- Lebedev, V. A. - Using the method of controlled directional reception of seismic waves for the investigation of the deep crustal structure. p. 60.
- Guterman, V. G. - Mechanisms of the forming of platform-type salt structures. p. 61.
- I. A. Bulinskii (ed.) ordinary. p. 62.

AKUPTICHESKII ZHURNAL (JOURNAL OF ACOUSTICS). Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 4, Oct.-Dec. 1968.

- Table of contents translated:
- Gitis, M. B., Kuznetsov, A. S. - Diffraction effects in ultrasonic measurements (Review). p. 468.
- Arkhangel'skiy, M. B., Stalnikov, I. U. G. - Acoustical mechanism for heterophasic processes in a standing sound field. p. 514.
- Balla, T. S. - Use of integral representation of MacDonald's function for computation of Kirchhoff's integral in calculating the field of a slightly convex spherical scatterer. p. 519.
- Bobrovskiy, I. U. I. - Vibrations of an infinite rod lattice. p. 526.
- Glasnov, V. K. - Diffraction of a wave, reflected by a cylinder, on the grating of acoustically soft cylinders. p. 532.
- D'In, B. I., Minakovskiy, O. K. - Influence of static pressure on the acoustic effect for a liquid under the action of ultrasound. p. 538.
- Kashkin, T. M. - Studying the emission methods of transverse acoustic waves in plates. p. 543.
- Kogan, I. N. - Tubular vibrator with concentrated masses on ends as a viscosity sensor. p. 549.
- Konovallik, I. P. - Diffraction of a plane sound wave by an infinite plate reinforced by rigid bars. p. 554.
- Laykovskiy, I. U. L. - Effect of diffusion on acoustic radiation of a cavitation cavity. p. 561.
- Lesnovskiy, V. P., Khokha, I. U. V. - Some characteristics of the noise spectrum of hydrodynamic cavitation on rotor rotating in water. p. 564.
- Lazarev, V. T. - Simulation of elastic waves in plates by an arbitrary obstacle. p. 572.
- Maslov, V. P. - Radiation of a flexural wave from angular plate junction. p. 577.
- Medvedev, E. P. - Theory of acoustic streamings near very small spherical obstacles. p. 583.
- Rosin, G. S. - Measurement of absolute viscosity by using translational continuous vibrations of a plate in a liquid. p. 590.
- Semyakina, M. G. - Radiation resistance and concentration coefficient of extended periodical linear antennas. p. 597.

- Shirokova, N. L. - Some laws governing the interaction of aerosol particles in an acoustic field. p. 604.
- Bogachevskiy, I. U. I. A., Stalnikov, I. U. G. - Acoustic streaming in a cavitation region. p. 608.
- Volovoy, V. I. - Recording the movement on the ocean bottom. p. 610.
- Gitis, M. B., Rozhnov, V. P. - Sound propagation in an inhomogeneous medium. p. 611.
- Grishchenko, M. K. - Resonance frequencies of piezosemiconducting transducers. p. 613.
- Levanov, L. M., Chernova, V. A. - Sound scattering by a thin piezosemiconducting rod. p. 618.
- Lazarev, V. T., Savolinen, O. I. A. - Passage of flexural waves through an elastic padding located on the plate junction. p. 617.
- Mironov, N. M. - Some problems concerning the use of a transition matrix for calculations of vibrational characteristics of layered plates. p. 626.
- Mironov, N. M., and others. - Instruments characteristic for automatic recognition of the sounds of speech. p. 632.
- Obukhovskiy, I. A. A., Gerasov, I. A., Paine, M. G. - High-temperature material for acoustic logging. p. 635.
- Popov, A. V. - Numerical solution to the problem of plane wave diffraction on the rounded edge of a semi-infinite plate. p. 636.
- Semyakina, M. D. - Noise field of an infinite plane periodic antenna. p. 639.

ATOMNAYA ENERGIA (ATOMIC ENERGY). Issued by Akademiya nauk SSSR and Gosstatizdat (Committee for Statistical Control and Accounting) [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 14, no. 8, Dec. 1968.

- Table of contents translated:
- Lisitskiy, P. P., Kozlovskiy, I. P., Mikhlin, P. S. - Levels of superficial irradiation of personnel working with various radiation sources. p. 483.
- Ugryin, O. B. - Calculating the fuel composition and characteristics of a fast power reactor in steady state. p. 486.
- Grishin, V. I., and others. - Studying the automatic control system of an atomic power plant with a boiling reactor. p. 489.
- Pistunskiy, V. I., Piskunov, L. L. - Derivation of dynamic equation of steam control during the boiling of underheated water in steam generating channels. p. 474.
- Vladimirov, R. G., and others. - Neutron yields and thermal neutron fluxes in the system lead - water subjected to high energy proton bombardment. p. 479.
- Tugurinov, A. I., and others. - Application of local isotopic composition variations for studying uranium-bearing regions. p. 483.
- Krasovskiy, V. S. - Studying the carbon diffusion from uranium monocarbide into molysbdenum and tungsten. p. 486.
- Davydov, A. V., and others. - State of Pa(V) ions in solutions of hydrogen halide acids. p. 493.
- Bukharovskiy, I. U. A., Kal'vinskii, I. A. D. - Experimental determination of the separation factor in isotopic exchange between liquid ammonia and hydrogen. p. 499.
- Kovalev, I. A., and others. - Plasma heating by high-frequency waves. p. 503.
- Voskresenskiy, G. V., Barabashov, I. U. N. - Development of transverse instability of an electron beam in a linear amplifier. p. 507.
- Bukharovskiy, G. A., and others. - Methods of studying the stability of a boiling water-moderated water-cooled reactor. p. 514.
- Dubrovskiy, V. B., and others. - Radiation resistance of serpentine concrete. p. 518.
- Rumyantsev, G. I. A., Dostrieva, V. A. - Studying the accuracy of Pa-approximation in a problem of neutron diffusion in a medium with empty channel. p. 519.
- Pravov, A. M., Pravovskiy, N. P. - Usability of molysbdenum and tungsten in evaluating the relative distribution of fast neutron flux in a reactor. p. 516.
- Becker, D. L., and others. - Transmission of fast neutrons and γ -radiation through rectangular empty slots. p. 517.
- Kol'yailov, P. P., Bukharovskiy, E. A., Dostrieva, V. A., B. L. - Energy and spatial distribution of backscattered γ -radiation. p. 518.
- Karpenko, I. K. - Poloidal fields and minimum of an average magnetic field in a double accelerator. p. 518.
- Karpenko, I. K. - Possibility of existence of a magnetron hole in a combined field of single and double deuterons. p. 519.
- Abramovich, M. I., Kozlovskiy, V. A. - Calculation of phase focusing of intense ion bunches. p. 520.
- Shuster, E. A. - Some integral relations in reactor theory. p. 523.
- Miller, O. A., and others. - Gamma-spectra of Pa-233 for coolant in the first block of the Novosibirsk Atomic Electric Power Station. p. 524.
- Kalika, O. G., and others. - Cross sections of fast neutron radiative capture by ^{235}U , ^{238}U , and ^{239}Pu isotopes. p. 526.
- Krasovskiy, V. S., Gerasimov, G. N. - Fission cross sections of ^{235}U by fast neutrons. p. 527.

Dezhnev, A.G., and others. - Radiative capture cross sections of 0.2-3 Mev. neutrons by Ta^{181} and W^{186} nuclei. p. 829.

Prekhorova, L.I., Santrich, G.M., Turkin, I.U.M. - Mean number of instantaneous neutrons at spontaneous fission. p. 830.

Lentz, S.S., Serikov, I.V., Solovov, M.M. - X-ray spectral determination of uranium in powder samples with a PRS-3 spectrometer. p. 831.

Atkrecht, A.V., Shuklov, A.I. - Formation of cracks during welding of low-alloy uranium. p. 832.

Konov, A.G., and others. - Pa^{230} + Be neutron sources. p. 834.

Balashov, A.I.U. - Use of two radioisotope sources for the analysis of mineral ores on the basis of X-ray fluorescence radiation of elements. p. 838.

Isakov, B.I. - Possibility of studying velocity distribution functions of charged particles. p. 839.

Amosov, V.M., and others. - Electronic model of a relativistic strong focusing cyclotron. p. 840.

Veditskiy, I.A., Kuznetsov, I.A.M. - Fifth All-Union Conference on Physicochemistry, Metallurgy, and Physical Metallurgy of Superconductors. p. 841.

Alimov, I.U.K., and others. - Symposium on electronic devices of nuclear spectrometry. p. 842.

Shcherba, B.V., Kladov, G.V. - Conference on measurement techniques and governmental metrological supervision. p. 844.

Lukashov, G.I., Benin, V.P., Mol'tsov, S.A. - Plant for continuous storage of sources at isotope storage bases. p. 845.

Kalashnikov, V.M. - Exhibition on the Tiber. p. 847.

Filipov, M.V. - Conference on homography. p. 849.

New books published by "Atomizdat." p. 849.

ФИЗИКА И ТЕХНИКА ПОЛУПРОВОДНИКОВ [TECHNICAL PHYSICS OF SEMICONDUCTORS]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 1, Jan. 1968.

Table of contents translated:

Eliseev, P.G., Mankin, M.A. - Nature of a thermoelectric current and radiation in highly alloyed p-n junctions. p. 3.

Zhdanov, A.G., Shchegolev, V.D., Gubarev, A.D. - Use of the thermoelectric coefficient to determine the method in determining trap parameters. p. 11.

Bouch-Brauer, V.L., Malinov, I.U.V. - Volt-ampere characteristics of a semiconductor in the space instability regime and the acoustic domain. p. 18.

Fedorov, V.I., Kuznetsov, B.I. - Mechanism of electrical conductivity and thermal conductivity of liquid bismuth chalcogenides. p. 23.

Baranov, V.R., Romanov, A.A. - Conductivity through impurities at low temperatures. p. 27.

Ershov, M.A., Kalashnikov, V.I. - Studying the thermal conductivity coefficient of tin telluride. p. 34.

Chernys, I.A., Nikolov, I.M. - Photoelectric effect in germanium doped with zinc and antimony. p. 37.

Il'inskiy, I.I., Kats, L.I., Malinov, I.U.V. - Reflection of the electromagnetic energy from semiconductors in the millimeter band of wavelengths. p. 44.

Talut, G.Kh., Il'mov, A.M. - Studying the surface photoconductivity in silicon. p. 48.

Patlav, I.T., Gavrilov, F.V., Shasharin, G.A. - Accommodation of color centers in ZnS single crystals under the action of fast neutrons. p. 53.

Kozlovskiy, F.I., and others. - Electric properties of p-type indium arsenide crystals. p. 58.

Plat, I.M., Ostrov, E.V. - Studying the single crystals of ZnO (Cd, Fe solid solution). p. 64.

Radnina, L.A., and others. - Investigation of paramagnetic p-n junction breakdown in a superhigh-frequency electric field. p. 69.

Arzov, D.A., Kozlov, I.A.P. - Studying the frequency properties of p-n-n diodes with minimum distribution of the stationary concentration of current carriers in the base. p. 78.

Petrov, I.M., and others. - Effect of barium vapors on the electric conductivity, thermoelectricity, and the work functions of $(BaO/CuO)_2$. p. 83.

Krasnoludov, V.B. - Penetration depth and low-energy ion distribution in solids. p. 93.

Vasilev, V.V. - Effect of the internal electric field on the simultaneous and subsequent diffusion of impurities in semiconductors. p. 102.

Gerodetskiy, A.M., and others. - Effect of electron bombardment on some parameters of silicon photocells. p. 110.

Karavayev, G.F., Poplavskiy, A.B., Chalyshov, V.A. - Characteristics of the zone structure of semiconductors with chalcopyrite lattice. p. 113.

Bashkov, R.L., Gaidukov, M.M. - Magnetophonon oscillations of the Murnaghan-Hall effect in a-Ge. p. 118.

Kocher, T.I. - Frequencies of diamond-type crystals in acousto-optic devices. p. 117.

Basilev, V.I.A., and others. - Effect of silicon on gallium phosphide homojunctions. p. 120.

Alievskiy, Kh.M., Volnov, A.R., Gulyanov, V.V. - Studying the kinetics of photoconductivity and the noise spectrum in p-i-n. p. 123.

Viktorov, M.A., Maslovskiy, T.V., Makarov, M.M. - Formation rate reduction of radiation defects in germanium due to heat treatment. p. 128.

Dzige, E.M., Bagdasaryan, V.I. - Effect of shallow acceptor levels on the kinetics of photodegradation currents in zinc sulfide single crystals. p. 137.

Fedorov, V.I., Malinov, V.I. - Thermal conductivity of amorphous selenium. p. 130.

Zorin, E.I., Pavlov, P.V., Tsel'tman, O.I. - Donor properties of nitrogen in silicon. p. 131.

Kozlov, R.P., Ostrov, I.U.V. - Spectral distribution of the photoconductive effect in thin layers of germanium. p. 134.

Corodetskiy, A.E., and others. - Use of the ion bombardment method for the preparation of thin layers of compound semiconductors. p. 136.

Dekhter, Kh.G., and others. - Characteristics of the photoconductive effect in CdS. p. 137.

Balashov, G.V. - Volt-ampere characteristics of a p-n-n diode with special reference to the lifetime variations of charged carriers in the base region. p. 138.

Chernik, L.A., and others. - Conductivity zone structure of lead selenide. p. 143.

Gulyanov, V.I., and others. - Injection-induced longwave photoconductivity of antimony. p. 144.

Bashkov, V.I. - Acoustic noise and current saturation in CdSe. p. 147.

ФИЗИКА ТВЕРДОГО ТЕЛА [SOLID STATE PHYSICS].

Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 4, Apr. 1968.

Table of contents translated:

Isidorov, I.A. - Dynamics of simple lattices with two-dimensional defects. p. 94.

Akshentsev, I.P., and others. - Photoeffect in semiconductors due to exciton generation. p. 97.

Ganapolskiy, K.M. - Transformation of electron-nuclear and hyperfine waves in semiconductors. p. 103.

Ganapolskiy, K.M., Tarakanov, V.V. - Hyperacoustic absorption in CdS at low temperatures. p. 103.

Ganapolskiy, K.M., and others. - Magnetoelectric resonance properties of silicon films at frequencies 3 Gc/s and 8 Gc/s. p. 106.

Tikhonov, V.M. - Quantum mechanics of the spin wave in a ferromagnetic substance. p. 109.

Gurber, R.I., Dymov, Zh.I., Mikhailovskiy, I.M. - Packing defects in tungsten. p. 111.

Shchegolev, V.V., Spivak, G.V. - Microscopic diffraction examination of the domain structure of various titanate films. p. 114.

Dykhin, B.M., Babayev, V.M., Larmshel'skiy, I.D. - Thermal radiation of silicon induced by a laser beam. p. 122.

Maslovskiy, V.I. - Kinetic properties of metal in an electromagnetic field. p. 123.

Solov, A.B., Shorov, V.B. - Effect of the domain structure on the generation of second harmonics in triglycine sulfate crystals. p. 124.

Gross, E.F., Seidman, L.G., Shadrin, E.B. - Spectra of exciton complexes in ZnS hexagonal single crystals. p. 125.

Potolov, I.M. - Effect of hydrostatic pressure on the behavior of near-surface states in GaAs. p. 126.

Volkov, V.G., and others. - Distribution and range of boron and phosphorus ions in SiO_2 under ion bombardment. p. 145.

Petrov, M.N., Volkov, M.F., Kuznetsov, A.I. - Ion-electron scattering in $NaCl$ and KCl single crystals at different angles of incidence of slow ions of inert gases. p. 150.

Orylov, M.M., Dymov, I.M., Tsvetkov, P.M. - Diffusion ionization and temperature dependence of mobility in AlN and GaN semiconductors. p. 150.

Shchegolev, V.I., and others. - Trivalent rare earths in carbon dioxide single crystals. Spin-lattice relaxation of trigonal D_{3h} centers and cubic Td centers. p. 150.

Kozlov, R.M., Prokhorov, A.M., Shipilo, G.P. - Optical generation mechanisms of $CaF_2:Dy^{3+}$ crystals. p. 157.

Kurik, P., Gerasim, E. - Alteration component of the electroacoustic current. p. 159.

Dobov, V.A., and others. - Magnetic properties and crystal structure of $MgFeO_4$ - $MgFe_2O_4$ solid solutions. p. 160.

Tsifirskiy, I.M., Ponomarev, A.I. - Oscillations of the magnetoacoustic wave in $FeTe$. p. 166.

Agreva, L.E., Aleev, M.I., Kolesnikov, A.I. - Distribution of structure defects in synthetic selenide crystals. p. 168.

Shchegolev, G.O., Tsvetkovskiy, E.R. - Kinetics of photodegradation of stressed polymers. p. 168.

Davydov, A.B., Ponomarev, R.V. - Double refraction and dichroism of superhigh frequency waves by hot electrons in a-Ge and a-Si. p. 168.

Alievskiy, I.G., Larin, A.I. - Effect of fluctuations on the semiconductor properties above the critical value. p. 169.

Moskva, V.A., Yur'evskiy, I.I., Shalyt, S.S. - Galvanomagnetic properties of tellurium at extremely low temperatures. p. 171.

Bogdanov, V.I., and others. - Nuclear magnetic resonance in lithium niobate crystals. p. 173.

Amosov, V., Gulyanov, K., Gulyanov, T. - Neocytivated luminescence of semiconductors $K_2(Si_2S_6)$. p. 174.

Mirza, D.M., Rashina, I.I. - Formation of complexes from bivalent cation and anion impurities in KCl crystals. p. 175.

Alievskiy, V.M. - Nature of secondary dislocations observable in silicon after diffusion. p. 176.

Vol. 10, no. 12, Dec. 1968.

Table of contents translated:

Karpovskiy, A.A. - Concerning the theory of shallow surface states. p. 1818.

Radukov, A.P., Bessonov, M.I. - Dependence of elastic characteristics of polymers on deformation and stress relaxation. p. 1819.

Tsvirko, I.U.A. - Properties of coupled magnetoelastic waves in magnetic materials without the center of inversion. p. 1820.

Shchegolev, I.U.L., Volnov, M.P., Bortovskiy, B.P. - Electron paramagnetic resonance of a "parallel" pair of chromophore ions in ruby. p. 1820.

Belosarova, E.P., Tsvetkov, M.A., Kozlov, F.A. - Internal stresses in lithium fluoride crystals deformed by ultrasound. p. 1840.

Bar'khadar, V.G., Chuprik, I.N. - Phononological theory of ferroelectric magnetism. p. 1847.

Bass, F.G., Bagdasaryan, G.A., Moskva, I.U.S. - Electrodynamic of crystals with fluctuating parameters. p. 1851.

Shur, M.S. - Concerning the theory of electric induction. p. 1851.

Krasov, I.U.S., and others. - Luminescence of nitrogen-aluminum complexes in d- SiO_2 . p. 1840.

Klyukhin, R.R., Faleev, R.P. - Excitation of electrodynamic waves in a solid plasma in the presence of negative volt-ampere characteristics. p. 1847.

Gul'perin, I.U.M. - Quantum oscillations of thermomagnetic coefficients in the phonon drag effect. p. 1852.

Balashov, V.D., Shchegolev, G.B., Tsvetkov, A.M. - Effect of dislocations on the development of electrolytic coloring process of crystals. p. 1860.

Artov, U.A., Radukov, R.R., Dobrovolskiy, Kh. - Potential and kinetic emission of electrons from the (110) and (111) faces of Mo single crystals. p. 1864.

Zorin, V.I.A., Shchegolev, B.D. - Equilibrium motion of microscopic spin waves for centers with $S = 1$. p. 1872.

Belavskiy, L.L., Goryunov, M.P. - Quantum statistical theory of the Overhauser transverse effect. p. 1880.

Gorbuly, M.A., Rastvorov, L.V., Balashov, V.M. - Crystal behavior on the faces of large tungsten single crystals. p. 1885.

Krasov, I.U.A., Tolpygo, K.B. - Optical absorption of F-centers in $NaCl$ crystals. p. 1885.

Kharin, L.V., Faleev, R.P. - Nonlinear theory of the ferromagnetic resonance. p. 1894.

Vladimirov, G.G. - Description of lithium from tungsten in a strong electric field. p. 1897.

Isidorov, I.U.M. - Instability of spin waves in antiferromagnetic materials with anisotropy of the "easy axis" type. Nonlinear effects in transverse fields. p. 1914.

Prokhorov, A.I., Bortovskiy, D.M. - Relaxation of stresses in anisotropic single crystals. p. 1914.

Borisovskiy, M.S., Bortovskiy, L.L., Ryabchikov, M.D. - Quantum statistical theory of exchange narrowing. p. 1934.

Krasovskiy, M.A., Shchegolev, B.D. - F-centers in the B^{10} enriched hexagonal boron nitride. p. 1936.

Khailov, Kh.M., and others. - Emission and reception of ultrasonic oscillations by alkali halide single crystals. p. 1937.

Gerasimov, I.U.A., Tsvetkov, B.I. - Effect of dislocation movement on the ultrasound saturation of the nuclear magnetic resonance line in cubic crystals. p. 1938.

Bouch-Brauer, A.M., Romanov, T.K., Romanov, G.M. - Nonlinear absorption in $CdSe$. p. 1939.

Iarovaia, R.G., Tsvetkov, L.L. - Radiation of nickel in the ultraviolet at temperatures above and below the Curie point. p. 1937.

Vasilev, V.V., Isakov, V.A. - Effect of complexing on the impurity diffusion in semiconductors. p. 1939.

Kochin, V.V., Likhner, A.I., Stepanov, G.M. - Determining the number of carriers in the pyrolytic graphite under pressure. p. 1941.

Izopov, V.A. - Properties of the $Pb(Tl, Sr)O_2$ piezoceramics and the nature of its orientational dielectric polarization. p. 1944.

Rapin, V.A., Aleksandrov, I.T., Goryunov, A.F. - Diffusion in $Al-Sb_2S_3$ films. p. 1944.

Antipov, A.A., Kurik, I.M. - Paramagnetic resonance and spin-lattice relaxation of Yb^{3+} ions in PbF_2 crystals. p. 1948.

Barna, M.P., and others. - Temperature dependence of hyperfine interaction constants of F-centers in LiF . p. 1950.

Melner, L.B., Bortovskiy, A.B. - Quadratic electrooptical effect in strontium titanate single crystals. p. 1951.

Mirza, A.M., Larin, A.G., Shchegolev, P.P. - Use of the Mikhlin method in studying the charge states of iron in some cobalt compounds. p. 1954.

Gulyanov, I.A., Shchegolev, A.A. - Correlation of changes of the lattice constant and electroconductivity of lithium fluoride single crystals under X-radiation. p. 1954.

Alievskiy, E.A., Shchegolev, E.A., Lidov, V.V. - Kinetics of the evaporation of GaAs. p. 1959.

- Kovalenko, B. P. - Analytical solution of a nonlinear integrodifferential equation, p.122,

Radner, T. A. - Solid, liquid, and mixed precipitation in the U. S. S. R. p. 30.
 Bogdanova, E. G. - Taking into account wind errors of precipitation measurements in the calculation of their cross annual values (errors). p. 48.
 Streizer, L. R., Nachayev, I. M. - Introduction of corrections for the moistening of the walls of the water collecting vessel in the measured values of precipitation. p. 57.
 Nachayev, I. M. - Study of the correction of the measured amount of atmospheric precipitation due to its evaporation from the instrument. p. 73.
 Dobrovolskiy, I. V. - Experimental determination of evaporation from the pans for measuring precipitation and rain. p. 88.
 Melnikovich, O. E. - Evaporation from rain-measuring devices of different construction. p. 97.
 Nachayev, I. M. - Losses to evaporation from precipitation measuring devices in various climatic zones. p. 107.
 Bogdanova, E. G. - Evaluation of the reliability characteristics of measurements of solid precipitation due to wind. p. 114.
 Gorbunova, I. G., Dombrovskiy, V. G., Pavlova, M. P. - Systematic errors of a standard pycnograph. p. 128.
 Streizer, L. R., and others. - Errors in measuring precipitation by ground rain gauges in the presence of wind. p. 138.
 Potanin, A. I. - Statistical structure of the winter precipitation field. p. 153.

No. 133, 1966. Heat balance.

Table of contents translated:
 Beland, T. G. - Interannual variability of solar radiation in the Northern Hemisphere. p. 2.
 Pirogovskaya, Z. L. - Normal annual changes in the intensity of solar radiation based on observations of actinometric stations. p. 17.
 Borzenkova, L. I. - Possible causes for the decrease of direct solar radiation. p. 38.
 Brodskiy, L. A. - Change in the heat content of the North Atlantic in the last 80 years. p. 48.
 Ogum, V. P. - Methodology of the indirect determination of hourly values of radiation balance. p. 58.
 Ogum, V. P. - Characterization of daily variations of radiation balance in different climatic zones of the earth. p. 68.
 Dvorkina, M. D. - Changeability of hourly and diurnal sums of radiation balance. p. 71.
 Melnikovich, V. V. - Interannual variability of albedo and its effect on absorbed radiation. p. 84.
 Zelenok, L. L. - Determination of total evaporation for separate years. p. 101.
 Ogum, T. A. - Correlation of the components of heat balance on the territory of the Soviet Union. p. 110.
 Dvorkina, M. D. - Relation of radiation balance to air temperature. p. 118.
 Zelenok, L. L. - Relation of the yield of grain crops to relative evaporation. p. 124.
 Efremova, N. A. - Characteristics of the formation of phytochemicals of agricultural crops. p. 137.
 Kozak, K. L. - Carbonic dioxide metabolism in agricultural crops. p. 158.
 Gavrilova, M. K. - Soil and water balance of a cabbage patch in central Yakutia. p. 164.
 Lipovskiy, T. M. - Monogram for determining the characteristics of the heat-protecting properties of clothes according to heat comfort. p. 164.
 Gromova, M. V. - Characteristics of the radiation regime of health resorts of Georgia. p. 168.
 Gromova, M. V. - Characteristics of the components of radiation balance during the moon hours for the health resort regions of Georgia. p. 180.

MAGNETNAYA GIDRODYNAMIKA (MAGNETOHYDRODYNAMICS). Issued by Akademiya Nauk Latvii SSR (Academy of Sciences of the Latvian S. S. R.). Riga, no. 2, Apr.-June 1966.

Table of contents translated:
 Chisov, I. U. - Experimental study of the interaction of a moving polarized argon plasma with a transverse magnetic field. p. 3.
 Kapustin, G. G. - Longitudinal stability of a plasma flow between conducting screens in a transverse magnetic field. p. 8.
 Oseta, P. L., Gatchov, G. A. - On the calculation of gas ionizing excitation waves in a magnetic field. p. 12.
 Belova, L. V. - Ionized gas flowing around a cylinder with oscillating surface. p. 19.
 Bortnikov, I. U., Rotmanov, I. B. - Studying the system of magnetohydrodynamic equations. p. 34.
 Dubinskii, K. K. - Flow in a magnetohydrodynamic tube. p. 33.
 Kiselev, I. U., Tishchenko, A. B., Shcherbakov, K. V. - Experimental study of magnetohydrodynamic flows behind a round cylinder. p. 41.
 Pleschinskii, A. A. - Turbulent flows in magnetohydrodynamic tubes. p. 48.
 Apollonov, S. M., Kozlov, I. U. P. - Transverse velocity perturbations in magnetohydrodynamic channels. p. 53.
 Pleschinskii, A. A., Lashin, P. P. - Linearized analysis of magnetohydrodynamic Prandtl-Meyer flow. p. 60.

Totally, V. L. - Stationary flow in a superconducting magnetic boundary layer. p. 68.
 Kapusta, A. B. - Motion of a conducting fluid under the action of a rotating magnetic field. p. 71.
 Lashchenko, V. G. - Turbulent submerged jet of an electroconducting fluid in a longitudinal magnetic field. p. 78.
 Kiselev, I. U. - Magnetohydrodynamic linear boundary layer in an axisymmetric twisted flow. p. 83.
 Kiselev, I. U. - Optimization of a magnetohydrodynamic generator with a limited expansion angle of the channel. p. 88.
 Gorb, A. M., Gorbachev, I. A., Muzer, K. I. - Calculation of loading characteristics of a magnetohydrodynamic generator. p. 97.
 Kiselev, I. U. P. - Compensation of boundary effects on electrodes in magnetohydrodynamic energy converters. p. 103.
 Pleschinskii, A. P. - Electric characteristics of linear induction magnetohydrodynamic machines taking the boundary effects into account. p. 110.
 Bortnikov, I. U. - Optimization principles for electro-magnetic pumps based on efficiency. p. 119.
 Vlasov, I. U. A. - Analysis of the results of optimization calculations for plane linear induction pumps. p. 128.
 Andreev, A. M., Gorbachev, V. A. - Selection of optimal relations in induction pumps for pumping of liquid metals. p. 134.
 Kiselev, I. U., Tishchenko, V. E. - Effect of nonuniformity of the velocity profile on the readings of an induction flow meter. p. 141.
 Kiselev, I. U. - Calculation of the magnetohydrodynamic flow in a channel with flat or semi-circular electrodes. p. 144.
 Kiselev, I. U., Tishchenko, V. E., Shcherbakov, K. V. - Results of the numerical calculation of the resistance coefficient of a round cylinder in a transverse magnetic field. p. 148.
 Vasil'ev, A. A. - Magnetohydrodynamic flow in pipes with sudden expansion. p. 147.
 Kiselev, I. U., Lavrenko, I. V. - Operating conditions of a magnetohydrodynamic channel. p. 148.
 Gorbachev, I. P., Grigor'ev, M. M. - Unsteady motion of electroconducting fluid caused by a slowly rotating disc in a channel in the presence of a strong axial magnetic field. p. 150.
 Gorbachev, I. P., Potanin, K. P. - Motion of an electroconducting fluid caused by the rotation of a disc in the presence of a strong axial magnetic field. p. 153.
 Verta, L. A., and others. - Transfer of boundary layer with the aid of an electromagnetic channel. p. 164.

MEKHANIKA TVERDOGO TELE (MECHANICS OF SOLIDS). Moscow, no. 8, May-June 1966.

Table of contents translated:
 Chisov, I. U., Kiselev, V. G. - Nonlinear three-dimensional oscillations of an earth satellite relative to the center of mass. p. 3.
 Melnikovich, A. I. U. - Geometric examination of the stability of solution for a fundamental program of inertial guidance. p. 12.
 Kiselev, I. U. - Investigation of a nonlinear stochastic system using controlled autooscillations. p. 17.
 Rotmanov, I. U. - Controlled gyroscopic systems. p. 21.
 Kiselev, I. U. - Equations and conditions for the nonstationary pendulum gyroscopes. p. 31.
 Kiselev, I. U. - "Magnetic drift" of a gyroscope in an external field of finite rigidity. p. 31.
 Lashchenko, V. P. - Stability of a gyroscope on a mobile base. p. 37.
 Alimov, A. B., Tishchenko, V. M. - Solution of a motion equation of a frictionless autonomous oscillator. p. 41.
 Zelenok, K. L. - Destabilizing effect of friction on the stability of nonconservative elastic systems. p. 41.
 Zelenok, K. L. - Propagation of waves in elastic strings of three-dimensional shape. p. 48.
 Kiselev, I. U. - Stability of a rod made of neo-Hooke material. p. 54.
 Chisov, I. U. - Calculating the residual stresses during the crystallization process. p. 63.
 Fokht, A. G., Shermeyer, T. D. - Calculating binary correlation functions in an elastic field of mechanical mixtures. p. 73.
 Kiselev, I. U., Kiselev, V. V. - Calculation of microstresses in the theory of elasticity. p. 83.
 Alimov, A. B. - Theory of fatigue failure. p. 83.
 Kiselev, I. U. - Temperature fields and stresses in heated anisotropic plates with a supported edge. p. 100.
 Grigor'ev, K. I., Bortnikov, I. U. - Thin circular cylindrical shells subjected to external pressure pulse. p. 116.
 Maev, K. M. - Reaction of a submerged cylindrical shell to pressure wave propagating at supersonic velocity in the direction of the generatrix. p. 119.
 Belashchenko, A. V. - Stability of a circular cylindrical shell filled with liquid and subjected to longitudinal dynamic compression. p. 124.
 Belashchenko, I. U. - Study of axisymmetric vibrations of circular cylindrical shells with liquid filler. p. 123.
 Kiselev, I. U. - Effect of normal pressure on the frequency of natural vibrations of cylindrical shells. p. 140.

Shvab, L. P. - Stability of elastic-plastic equilibrium of longitudinally compressed cylindrical shell with initial curvature. p. 145.
 Kiselev, I. U., Kiselev, V. G. - Bending of thick multilayer shells. p. 149.
 Afanas'yev, L. I., Kantor, B. I. A. - Deformation of flexible cone shell of variable thickness. p. 154.
 Kiselev, I. U. - Calculation of a very long cylindrical shell reinforced with a ring. p. 158.
 Grigor'ev, A. B., Kiselev, I. U. - Axisymmetric deformation of a long cylinder enclosed in cylindrical shell. p. 169.
 Kiselev, I. U., Kiselev, V. G. - Concentration of stresses in a thick plate weakened by a series of curved holes. p. 168.
 Kiselev, I. U. - Stability of reinforced plates beyond the elastic limit. p. 180.
 Kiselev, I. U. - Creep beyond the elastic limit. p. 173.
 Kiselev, I. U. - Creep of hardened materials. p. 177.
 Bergman, B. M. - Application of the method of asymptotic integration to the problem of concentration of stresses. p. 179.
 Pleschinskii, A. P., Pleschinskii, A. K. - Propagation of cracks in a linear elastic medium. p. 181.
 Kiselev, I. U., Kiselev, V. G., Kiselev, V. Z. - Calculating the trajectory of curved cracks. p. 188.
 Institute of Mechanical Problems of the U. S. S. R. Academy of Sciences. Seminars. p. 188.
 Report on the session of the Scientific Council dealing with "General Mechanics." p. 188.

No. 4, July-Aug. 1966.

Table of contents translated:
 Gorbachev, I. U., Kiselev, V. G. - Some problems of standardization of the parameters of the population system of limited power with an accumulator of the working substance. p. 3.
 Rotmanov, I. U. - Stability of relative equilibrium and steady motion of a satellite gyroscope. p. 11.
 Fokht, A. G. - Stability of a relay system in stabilizing the motion of an aircraft. p. 23.
 Kiselev, I. U. - Dynamics of a spherical floating gyroscope in a Cardan suspension. p. 26.
 Chisov, I. U. - Equations for the motion of variable composition systems in an ideal liquid. p. 31.
 Shcherbakov, K. V. - Interannual deviation of a gyroscope with a liquid horizon suspension. p. 36.
 Volk, I. M., Kiselev, I. U. - Induced periodic oscillations of an elastic frictional system with one degree of freedom and a hysteretic loop in the form of a parallelogram. p. 42.
 Filippov, V. A. - Sufficient conditions of stability for linear systems. p. 49.
 Kiselev, I. U., Kiselev, V. G. - Mistakes in determining the phase of the orbit of an artificial earth satellite. p. 54.
 Kiselev, I. U. - Stability of a triaxial power gyrostat. p. 59.
 Kiselev, V. A. - Estimates of systematic drifts of a triaxial gyroscope platform due to its angular oscillations. p. 64.
 Kiselev, I. U., Kiselev, V. G. - Internal friction during mechanical vibrations taking into account relaxation and hysteresis. p. 68.
 Pleschinskii, A. P. - Self-oscillations induced by dry friction forces in one mechanical system with two degrees of freedom. p. 80.
 Bortnikov, I. U. - Resistance to some vehicle bearings during a motion along a surface. p. 75.
 Kiselev, I. U. - Random oscillations of multilayer plates. p. 79.
 Kiselev, I. U. - Monochromatic waves in an elastic medium with local manifestations of dry friction. p. 85.
 Fokht, A. G., Shermeyer, T. D. - Mathematical description of an elastic field of layered materials. p. 89.
 Voronovskiy, L. I., Denis, O. M. - Mixed problem of an infinite band of variable height. p. 101.
 Alimov, A. B., Kiselev, V. A. - Certain problems of the effect of the action of two discs on an elastic strip. p. 110.
 Kiselev, I. U., Kiselev, V. G., Kiselev, V. Z. - Stability of a cylindrical shell under the stress-buoyancy effect of axial compression, internal pressure, and bending. p. 124.
 Kiselev, I. U. - Experimental investigation of the effect of rigidity of loading mechanisms on critical stresses of smooth cylindrical shells under axial compression. p. 130.
 Kiselev, I. U. - Effect of loading speed, deformation on the strength of certain materials in the stretching-compression test. p. 134.
 Kiselev, I. U. - Anisotropic creep of strain-hardened materials. p. 142.
 Grigor'ev, A. B. - Time of viscous rupture and critical time under conditions of creep. p. 147.
 Kiselev, I. U. - Axial flow of a fluid in a duct between noncircular cylinders. p. 149.
 Kiselev, V. A. - Correlations in the theory of ideal plasticity. p. 151.
 Kiselev, I. U., Kiselev, V. M. - Analytical solution of problems of plane deformation of linearly plastic body with a circular free surface. p. 153.
 Kiselev, I. U. - Weight estimates of optimum plastic constructions. p. 158.
 Kiselev, I. U., Kiselev, V. M. - Study of direct and inverse loading with a constant stress intensity in the plastic range. p. 163.
 Kiselev, V. M. - Use of Legendre transformation

- in the study of phase elastoplastic load waves. p. 182.
- Vukobratovic, V. I. - Longitudinal Oscillations of an elastoplastic rod. p. 171.
- Bondar, V. F. - Two problems concerning the anisotropic beam in connection with application of the St. Venant principle. p. 176.
- Kurda, M. A. - Stressed state in the semi-infinite range with curvilinear boundaries. p. 176.
- Itina, A. M., Kozlov, B. A. - Vibrations of a cylindrical shell containing an elastic filler. p. 183.
- Gorodkov, A. D., Malinin, I. B. - Deformation of a long cylinder contained in cylindrical shell under a compressive load. p. 184.
- Stepanov, L. I. Wave of brittle rupture. p. 190.
- Biderman, V. L. - Effect of transverse hydrostatic pressure on the stability of a rod. p. 184.
- Chernyshev, G. M. - Local loss of shell stability. p. 184.
- Kharin, A. B. - Effect of concentrated forces and moments applied on the free boundary of an orthotropic circular cylindrical shell. p. 184.
- Sharkov, I. L. - Effect of a load concentrated on the border of a cylindrical shell. p. 184.
- Galla, L. A., Piriev, R. P. - Failure of a beam made of polymer material under the effect of a vibration load. p. 207.
- Theory of Plasticity Department of the Moscow State University. Moscow, p. 111.
- Moscow Aviation Institute named after S. Ordzhonikidze. Moscow, p. 111.
- Scientific Council on the Problems of Stability and Plasticity. Conference on problems of engine durability. p. 111.
- МЕТЕОРОЛОГИЯ И ГИДРОЛОГИЯ [METEOROLOGY AND HYDROLOGY]** Issued by Glavmeteoizdat (Glavmeteoizdat) under the Ministry of Meteorology of the USSR (Ministry of Meteorology of the USSR), Attached to the Council of Ministers of the U.S.S.R., Moscow, no. 8, Sep. 1964.
- Table of contents translated:
- Kozlov, D. M. - Classification of types of teleconnection patterns of clouds and the earth's surface obtained from satellite data of the "Meteor" experimental system. p. 3.
- Shcherbakov, M. P., Vasilchenko, L. M., Kuznetsov, T. P. - Mesocyclones of the wind field in jet streams. p. 11.
- Vafin, M. I., Kozlov, A. V. - Modification of cumulus clouds by artificial vertically rising jets. p. 11.
- Morozov, G. I., Shchiba, S. M., Brizdova, S. G. - Numerical forecasting of mean ten-day values of the surface temperature using data of the earth's meteorological satellites. p. 20.
- Kozlov, D. M. - Generalized mathematical description of the threshold of the visual functions of the eye and determination of the limit of visibility of luminous objects. p. 28.
- Kudach, G. P., Shcherbakov, M. P., Shcherbakov, G. I. - Water balance calculations of future levels of the Caspian Sea. p. 28.
- Pliginskii, V. G. - Use of the invariant-group method for the solution of the problem of the determination of currents in a heterogeneous ocean. p. 33.
- Baryshnikov, M. R., Shcherbakov, V. G. - Energy losses in the course of the interaction of components of flow with different roughness. p. 33.
- Dmitriyev, A. M., Gerasimov, M. P. - Measuring soil moisture using the emissivity ratio of neutrons. p. 38.
- Kurova, A. I., and others. - Effect of frosts on the final productivity of agricultural crops. p. 78.
- Derevitskiy, A. M. - Calculation of the duration of the snow-melting period for purposes of a geomorphological forecasting of the disappearance time of snow cover. p. 84.
- Molodtsova, T. I. - Application of the law of the normal distribution in the objective analysis of frosts on the basis of surface data. p. 92.
- Ostapenko, A. I. - Spring reconstruction of stratospheric in the stratosphere in 1963. p. 94.
- Solov'yev, G. K., Shcherbakov, I. A. - Simplified method for forecasting hail processes. p. 94.
- Moskalev, V. G., Orlovskiy, M. V., Shcherbakov, T. A. - Use of dew-point temperatures in calculating the index of forest burning. p. 103.
- Gavrilov, I. B., Shcherbakov, S. A. - Studies carried out in socialist countries, based on the structure of meteorological fields and the improvement of a network of stations. p. 103.
- Boris I. Vorobeychikovskiy, on his 70th birthday. p. 111.
- Konstantin Ivanovich Popovskiy, on his 70th birthday. p. 111.
- Viktor Vasil'yevich Shcherbakov (1903-1963) obituary. p. 111.
- Obituary of Viktor Vasil'yevich Shcherbakov (1903-1963). p. 111.
- Weather forecasting and hydro-meteorological conditions for the summer of 1964. p. 111.

MOSCOW UNIVERSITY, VESTNIK, Seriya 3: Fizika, Astronomiya [UNIVERSITY REVIEW, Series 3: Physics, Astronomy], Vol. 12, no. 8, Nov.-Dec. 1964.

Table of contents translated:

Podolskiy, Kh. I. - Spin waves and local spin states in crystals with two-dimensional (plane) defects. p. 3.

- Orlov, V. D. - Use of two-time temperature formalism in studying quasiparticle excitations in the Fermi system with Coulomb interaction. p. 3.
- Pliginskii, A. S., Kravtsov, V. V., Shcherbakov, A. G. - Integral equations of the first kind in problems of wave scattering in hollow guide systems. p. 18.
- Mirkin, L. I., Stratonovich, R. L. - Linear interpolation and prediction of dual Markov signal. p. 27.
- Rosenfeld, F. V., Semakova, T. A. - Estimation of the radiation power of many-photon gas laser frequency multiplier. p. 32.
- Grigoriev, A. M., Teodorovich, K. F. - Using the method of root trajectories in studying some properties of linear pulsed automatic control systems. p. 41.
- Maslov, V. M. - Possible relativistic generalization of the Feynman approach to quantum mechanics. p. 44.
- Belikov, I. P., Terletskiy, A. I. A. - Theory of surface layers. p. 64.
- Bondarenko, A. V. - Mass spectrum studies of the products of the recombination of TiO_2 . p. 58.
- Levin, L. V., Mikhalev, I. U. A., Mikhalev, R. - Characteristics of the association of molecules of rhodamine dyes in nonpolar solvents. p. 64.
- Konoplov, V. P., Maslov, V. I. U., Trofimov, I. T. - Quadrature phase quantizer of weak signals. p. 72.
- Karavayev, V. D. - Theory of optical absorption by free charge carriers in semiconductors. p. 78.
- Polakova, M. B., Romanovskiy, I. U. M., Sadokova, G. A. - Synchronization of self-oscillating chemical reactions proceeding in space. p. 84.
- Belikov, S. B. - Studying the He-Ne traveling wave laser with nonresonant feedback. p. 84.
- Goryunov, I. M. - Superhigh-frequency method of studying the dielectric constant of high-polar objects. p. 84.
- Gorlov, V. R., Shcherbakov, V. A. - Model of scattering on a fixed source with spin. p. 84.
- Ishakov, S. M., Kuznetsov, R. M., Chakhchakhiani, L. G. - Mossbauer spectra of $\text{FeSO}_4 \cdot \text{H}_2\text{O}$ compounds. p. 97.
- Belikov, G. V., Likharev, K. K. - Stability of processes in a parametric oscillator with combined boundary modulation. p. 97.
- Ramenskii, G. V., and others. - Determining the phase boundaries of state diagrams of systems V - Os and Nb - Al using the method of diffraction layers with application of local X-ray diffraction analysis. p. 91.
- Stalkevich, M. L. - Particle-like solutions to covariant Klein-Gordon equations. p. 97.
- Ovchinnikov, V. K. - Radiation in linear systems with transverse focusing. p. 106.
- Kurochkin, V. A., Teodorovich, K. F. - Transfer of charge carriers in a narrow base region of a transistor. p. 107.
- Brugalskiy, V. R., Kozlov, L. S., Polakova, S. B. - Determining the upper prevalence limit of quark by means of a resonant dielectric electrometer. p. 110.
- Gorodkov, M. P. - Gravimetric service in Australia. p. 111.

ПРОБЛЕМЫ ФИЗИКИ АТМОСФЕРЫ И ГИДРОЛОГИИ [PROBLEMS OF THE PHYSICS OF THE ATMOSPHERE AND HYDROLOGY] Issued by Glavmeteoizdat (Glavmeteoizdat) under the Ministry of Meteorology of the USSR (Ministry of Meteorology of the USSR), Attached to the Council of Ministers of the U.S.S.R., Moscow, no. 8, Sep. 1964.

- Table of contents translated:
- Kozlov, D. M., and others. - Meteorological studies on the lower surface. p. 3.
- Tolstoy, I. M. - Accuracy of approximation calculation methods for atmospheric hydrodynamics. p. 13.
- Polakova, M. B., Teodorovich, K. F. - Usability of spectral transparency measurements of the atmosphere in the microwave range for the determination of moisture at high altitudes. p. 20.
- Kharin, A. B. - Angular distribution of long-wave outgoing radiation using different ways to calculate the dependence of absorption on pressure. p. 34.
- Andreyev, S. D. - Methods for studying the humidity at high altitudes. p. 44.
- Yev, I. B., Shcherbakov, G. M. - Aerostatic measurements of the vertical distribution of atmospheric aerosol. p. 68.
- Yev, I. B., and others. - Experimental methods for atmospheric aerosol research. Part I: Methods of the study and analysis of samples. p. 68.
- Yev, I. B., Shcherbakov, G. M., Shcherbakov, G. M. - Measuring the distribution of atmospheric aerosol in the surface layer of the atmosphere. p. 77.
- Bozhikova, I. G., Vasil'yev, V. A. - Chemical composition of rhodamine C. p. 78.
- Ostapenko, A. I., Shcherbakov, A. I. - Determining the content of ozone and atmospheric transparency variations in KUT-Bury in May, 1964. p. 84.
- Belikov, I. M., Shcherbakov, V. A. - Aerostatic atmospheric spectrum with diffraction grating for the 8.3-9.4 μm band. p. 84.
- Kharin, A. B. - Usability of surface-active substances for measuring cloud modification. p. 98.

КОНСТАНТИВНИ ХИМИКАЛНИ ФИЗИКА [CONSTANT PHYSICAL CHEMISTRY] Issued by Vsesoyuznyy nauchno-issledovatskiy tsentr po khimicheskoy fizike (All-Union Institute of Scientific and Technical Information) Moscow, no. 12, Dec. 1964.

ФИЗИКА ВЫСОКИХ ТЕМПЕРАТУР [PHYSICS OF HIGH TEMPERATURES] Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 8, Nov. 1964.

- Table of contents translated:
- Alekseyev, V. A. - Electric conductivity of various temperatures and pressures above the critical value. p. 98.
- Aleksandrov, K. I., Bataeva, V. M. - Calculation of the electric conductivity of a partially ionized plasma. p. 98.
- Poberezhskiy, L. P. - Methods of measuring the electric conductivity of a plasma with high accuracy with respect to time. p. 97.
- Batman, V. M., Chislov, V. F. - Analysis of a plasma of a weak current are discharge using a light probe. p. 98.
- Chernikovskiy, A. - Calculation of the electric conductivity of atoms and ions by electron plasma. p. 98.
- Zelizer, A. A., Kozlovskiy, M. A. - Ionization of atoms and ions according to their electric field. p. 98.
- Khoshnabov, B. M., and others. - Calculation of the diffusion of cesium and potassium vapors in helium and argon. p. 98.
- Kalashnikov, G. I., Gol'd, P. V., Tsvetkov, I. I. - High-temperature changes in the electric conductivity of vanadium, cobalt, and nickel with helium. p. 98.
- Kolesnikov, E. G., Dzhikov, V. F. - Calculation of the coefficients of transfer of various gases to the Monte Carlo method. p. 100.
- Artyuk, R. I. - Thermodynamic properties of a molecular lithium in the ideal gas state. p. 100.
- Kharin, A. B. - Parameters of the electric conductivity and photon conductivity of a plasma. p. 100.
- Shcherbakov, V. A. - Equations of state of solid and liquid metals at high temperatures. p. 100.
- Mikhalev, M. I. - Mechanism of heat transfer in a tube. p. 100.
- Nevskiy, A. S., Il'inskiy, I. V. - Effect of the roughness on the nature of surface radiation. p. 100.
- Zhdov, G. A., Shcherbakov, E. V. - Effect of the roughness on the emissance of molten metal surfaces. p. 100.
- Meimark, B. E., Voronin, L. N. - Thermodynamic properties of specific electric resistance, and integral of the logarithm of refractive index at high temperatures. p. 104.
- Shcherbakov, G. I., Ostrovskiy, I. B., and others. - Determining the temperature dependence of the physical characteristics of deuterium in a solid-state dynamical heating. p. 107.
- Zhilin, V. G., Berman, M. I. - Heat transfer in a curved flow of electroconductive liquid in a circular tube in a longitudinal magnetic field. p. 107.
- Shcherbakov, M. Kh., and others. - Heat transfer in a tube of a liquid in a square channel. p. 107.
- Lal'chuk, V. I., Shcherbakov, A. V., and others. - Methods of investigating heat transfer in a tube of a tube to the gas at high wall temperatures. p. 110.

- Shcherbakov, D. A. - Use of a new method of determining the local characteristics of radiation heat transfer in some basic problems in the theory of radiative heat transfer. p. 107.
- Shcherbakov, K. I. - Boundary layer on the wall of a tube behind a shock wave moving in a tube. p. 104.
- Terebikh, L. B., and others. - Thermocouples for the purpose of measuring the temperature in furnaces used for the first (chemical) copper. p. 109.
- Korotkiy, L. A., Biryukov, M. M. - New design of the use in thermophysical research. p. 110.
- Polakova, V. E., Shcherbakov, I. A. G. - New experimental device for the investigation of the electric and heat conductivity of electroconductive materials in the temperature range 500°K - 1000°K. p. 110.
- Polakova, V. E. - Heat cycle of a direct current superconductor, nonreciprocal magnetoconductivity, generator. p. 110.
- Korotkiy, V. I., Medin, S. A. - Analysis of the circuit of a power unit with a magnetohydrodynamic generator and a thermocompressor. p. 110.
- Borovik, E. B., and others. - Device for the production and investigation of high-current flow of a high pressure. p. 110.
- Gorodkov, L. D., Gorodkov, V. A., and others. - Production of a plasma in a discharge tube against a wall by a magnetic field. p. 110.
- Logunov, A. A., Medin, S. A., and others. - Investigation of a dense low-temperature plasma. p. 110.
- Dmitriyev, V. D. - Some laws governing the thermal radiation of tungsten. p. 110.
- Kozlovskiy, A. M., Ostrovskiy, A. B., and others. - Investigating the thermal conductivity of normal chalcogenides. p. 110.
- Ostrovskiy, A. A. - Atomic thermoelectricity of the alkali metals. p. 110.
- Malyshova, L. A., Bolshov, O. P. - Determining the temperature of "thin" bodies in radiation heating. p. 110.
- Ivanov, E. P., Mikhalev, G. M. - Thermocouple thermatron for the heating of argon with an admixture of potassium. p. 110.
- Polakova, V. I., Kozlovskiy, A. P. - Characteristics of a cesium thermoelectric converter with a tungsten cathode. p. 110.

JOURNAL EXPERIMENTAL AND THEORETICAL PHYSICS (JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, Letters to the Editors). Issued as a supplement to the journal, Moscow, vol. 8, no. 6, Sep. 1968.

Table of contents translated:
Lutskiy, V. M. - Oscillations of the reactivity of bimolecular fibers during deformation. p. 221
Oble, M. B., Mikhailov, I. O. - Absorption of sound in metal semi-metals. p. 224
Bokurin, M. I., Kovalenko, M. B. - Effect of an external electric field on the hyperfine structure of the electron paramagnetic resonance spectra of Mn^{2+} in CaWO_4 . p. 229
Konstantinov, M. O. - Heat capacity of water-free CrCl_3 below 4°K. p. 231
Shervakov, L. A., and others. - Unusual isotopic effect according to hydrogen in sodium hydroxide crystals. The phase diagram of the system $\text{Na}(\text{OH})_2 \cdot \text{H}_2\text{O}$. p. 235
Kartimov, I. U. S. - Free radicals as spin chains with antiferromagnetic interaction. p. 238

Lamudov, V. V., Pavlov, A. V., Shukla, O. V. - Resonance absorption of elastic waves in crystals of yttrium ferrite garnet in the absence of an external magnetic field. p. 243
Gaidukov, I. U. P., Kadetsova, I. A. - Size effects in two whiskers. p. 247
Chelkin, M. V., Ruzhitskiy, A. M. - Anisotropy of the Faraday effect in ferrite garnets. p. 253
Ozboyn, V. I., and others. - Experimental determination of the sign of Delaunay's interaction in an antiferromagnet. p. 258
Bakshina, A. P., and others. - Prediction of the visible range of redox reaction of a millimeter band. p. 261
Gastrikov, V. F., Leonov, I. U. S. - Temperature dependence of the length of electron free path in bismuth. p. 264
Bakshina, L. N., Olin, V. M. - Nonlinear magneto-electric effect. p. 265
Gulak, I. U. M. - Induced ferromagnetism in magnetically ordered piezoelectrics. p. 271
Bakshina, V. M. - Effect of the electromagnetic field on the elastic scattering of electrons in semiconductors. p. 274

Vol. 8, no. 12, Dec. 1968. Avtoriski skazaniya [Authors Index]

JOURNAL PRAKADNOI SPECTROSKOPII (JOURNAL OF APPLIED SPECTROSCOPY). Moscow, vol. 8, no. 6, June 1967.

Table of contents translated:
Timofeev, V. B. - Experimental method of determination of the instrumental function of a spectrograph. p. 713
Ponomarev, G. B., Stepanov, K. L. - Breakdown of laser gases. p. 716
Grashova, D. A., Kiselevskiy, L. I. - Excitation of the spectra of gases and their mixtures by means of spectroanalytical generators DG-2 and DG-3. p. 724
Borikovich, A. V., Bobovich, I. A. - Effect of depolarization of exciting light on the intensity of induced Raman scattering. p. 728
Podguskiy, V. M., Chernets, A. M. - Use of reflecting prism in a solid laser with a Kerr cell shutter. p. 731
Leonovich, A. M., Popova, M. N. - Kinetics of generation and the emission spectrum in the case of axial mode discrimination in a ruby laser. p. 735
Mikheev, V. F., Bregova, L. D. - Luminescence of some rare earth elements in crystal type compounds. p. 741
Korshak, M. I. A., Mikulic, L. G., Iakovenko, V. A. - Spectral dependence of the fluorescence duration of complex molecules. p. 744
Borisenko, V. F. - Photoluminescence of $\alpha\text{-SiCNH}_2$ single crystals. p. 751
Gavrilov, M. E., Borisenko, L. M. - Electronic absorption spectra of some cellulose derivatives. p. 754
Borisenko, L. P., and others. - Spectral study of the fluorescence of betadione-styrene rubber with photoluminescence resins. p. 760
Zukhov, M. V. - Investigating the spectra of crystalline and vitreous silicates of the system $\text{PbO} - \text{SiO}_2$. p. 765
Korshak, A. V., Afrikian, O. B. - Spectrographic determination of small impurity quantities in some finite products of the complex processing of sulphide ores. p. 772
Kozlov, D. I., Melnikov, A. A. - Anomalous analysis of electron-vibrational spectra of diatomic molecules by means of electronic computers. Part I: Calculation of the wave length and wave numbers. p. 777
Ivlev, B. F., Krut'kina, N. A., Moskalenko, V. G. - Application of analysis based on Raman scattering spectra for the determination of γ -isomer concentration of hexachlorocyclopentadiene. p. 783
Kharov, E. I., Teterin, E. G., Lukhanova, L. A. - Spectrometric study of dehydration products of UF_6 and PuF_6 crystal hydrates in the current of anhydrous H_2O . p. 789
Anisimov, M. B., Reger, I. A. A. - Infrared spectra of tetraethyl diamides in complexes with metal chlorides. p. 797
Borisenko, L. V., Logunov, A. V. - Intensity of infrared bands ($\text{A} - \text{H}$) and the hydrogen bonds. Part I: H-complexes of phenol with some carbonyl and phosphoryl compounds. p. 801
Adika, T. G., and others. - Studying the infrared spectra of aluminum alkali hydrides. p. 804
Oganesyan, K. A., Shvachkin, R. R., Chikilov, B. I. A. - Investigation of the temperature of hot hollow cathodes. p. 814

Kozlov, V. B. - Polarization of the spectral line intensity of copper in a plasma jet. p. 818
Borisenko, E. M., Pavlovskiy, A. V. - Widening of the operating range of bioscopes. p. 817
Savitskiy, A. B., Petrov, M. B., Lagina, A. B. - Compensation of light losses of ruby and sapphire lasers in experiments on the mixture of frequencies. p. 823
Melnikov, A. V. - Measuring the reflection coefficient of mirrors for gas lasers. p. 821
Petrovskiy, G. A., Vasil'ev, G. G. - Determining the degree of substitution of oxides of indium by the infrared absorption spectra. p. 823
Miles, E., and others. - Investigating the electronic absorption spectra of the series of indium compounds in solid state. p. 828
Korshak, G. A. - Spectral study of H-complexes of indole with solvents. p. 829
Chernikov, T. K., Chuvpova, I. B., Khayrullina, R. A. - Ultraviolet and infrared spectra of derivatives of anthracene and chrysene acids. p. 833
Borisenko, A. B. - Unit for measuring the polarization degree of luminescence radiation of an impulsive discharge. p. 837

Vol. 9, no. 1, July 1968.

Table of contents translated:
Artemov, V. V. - Statistical probability method of interpreting spectroscopic measurements. p. 3
Bukht, A. I., Khrushchev, I. Q. - Studying the dynamics of spectral line emission of ions of the electrode material in electrode-solution systems in the case of an impulsive electric discharge. p. 13
Borisenko, L. A., Korshakov, A. L. - Excitation of sulfur and chlorine spark spectra in the atmosphere of various gases. p. 14
Zakharin, V. L., Mukreev, I. U. F., Tolstov, L. K. - Fluorescence determination of lithium in hydrated vanadium pentoxide. p. 18
Kozlov, K. I., Iankovskiy, A. A. - Evaluating the practical limits of sensitivity in using photographic methods for the emission spectrum analysis. p. 21
Tolpe, V. M., Danilov, I. I., Barkalov, V. B. - Electronic spectra of β -dicarbonyl compounds. p. 27
Morozov, A. F., Rubevskiy, M. M., Buzner, M. E. - Sensitivity of the spectrofluorimetric analysis of two-component mixtures. p. 33
Zilberstein, Kh. I. - Quantitative spectral determination of elements below the limits of reliable detection. p. 37
Luzanov, M. A., Shukla, G. V., Pavlovskiy, A. K. - Spectroscopic study of a helium plasma produced in a θ -pinch. p. 43
Beria, Kh. E., Kiral'feld, I. A. M. - Obtaining spectra of the Raman effect of liquid and solid materials by means of a laser. p. 55
Lashinov, V. V., Orlov, I. B. - Calculating the effect of an angular distribution selector on types of oscillations of open resonators with flat mirrors and the calculation of the angular distribution of laser radiation. p. 64
Valentinov, I. A., Mitrova, I. A. - State 3p², 3p3s, 3p4s, 3p4s of Ne atoms. Part I: Oscillator strength and excitation cross sections with electronic impact. p. 68
Korshakov, A. A., and others. - Effect of spectral characteristics of passive bolts on radiation parameters of a ruby laser. p. 71
Dobrov, I. K., Sviridov, A. K., Tyukhtin, V. P. - Fluorescence phenomena of active transitions in Al II p. 77
Ponomarev, I. B., Pavlov, A. A. - Effect of temperature and solute on the ultraviolet absorption spectra of acetone and methylcyclopentanone. p. 80
Mironov, V. A., Nagulin, I. U. S., Aldarov, T. K. - Spectral determination of oxygen in nitrogen, hydrogen, and inert gases by the absorption spectrum in an ultraviolet vacuum. p. 89
Petrovskiy, I. V., and others. - Ultraviolet absorption of thin layers of quartz heated to the boiling point. p. 96
Korshakov, V. I., Melnikov, L. I. - Study of infrared spectra of block-polymer structures. Part I: Poly-1,4-bis(2-hydroxyethyl)phenylmethane. p. 99
Pavlov, A. A., Khrushchev, V. P., Tschern, V. D. - Infrared absorption in GAs containing structural dislocations. p. 104
Bull, A. G. - Selectivity of optoelectronic radiation detectors. p. 108
Kozlov, A. B., Sviridov, I. M. - Vibrational spectra and conformational equilibrium of trans-1, 2-dihalogeno-cyclohexanes. p. 113
Mink, I. A., Mink, L. M., Pavlov, I. U. A. - Algorithm of matrix formation for bimatrix coefficients of molecules. p. 118
Pavlov, E. I. A., Belokob, I. U. M., Tarasova, L. B. - Luminescence of yttrium cyclopentadiene activated by Cu, Pr, Nd, Sm, Eu. Part I. p. 124
Pavlov, I. G., Radik, K. I., Kozlov, M. I. A. - Temperature dependence of the polarization of the fluorescence of complex molecules. p. 133
Vodavilov, M. A., Bileva, L. D. - Backscattering of light ("leak") from objects with a rough surface and volume dispersion. p. 137
Losev, A. P., Zaslavskiy, E. I. - Study of energy interaction in chlorophyll solutions. p. 144
Palamarchuk, V. B., Gerasimov, S. G. - Dynamics of changes in the spectral coefficients of plant leaves under radiation. p. 153
Ruzhitskiy, M. K., and others. - Spectral analysis of alcohols as a hollow cathode and open line in a direct current arc. p. 156
Korshakov, V. P., Khrushchev, A. P. - Concerning the theory of stationary self-scattering of light in nonlinear media. p. 159
Bobovich, I. A. B., Borikovich, A. V. - Induced Raman scattering in condensed liquids. p. 163

B 12-14a
Mamedov, Kh. L., Maslov, L. G. - Crystal for luminescence research at intermediate temperatures (50°K) between liquid nitrogen and hydrogen. p. 148

Shukhov, F. F., Shvachkin, M. A. - Allowing for heat background during temperature changes on double-beam infrared spectrometers. p. 147
Petrov, A. M., Tschern, P. M. - Stability criterion for the coefficient of a photoelectric cell amplifier in a single electron measuring system. p. 178
Gerasimov, Kh. B., Maslov, A. V. - Cross section of the photoionization of Li⁺ ion. p. 173

14. MEDICINE

a. GENERAL

ALMA-ATATSKII GOVDARSTVENNI MEDITSINSKI INSTITUT. Trudy [ALMA-ATA STATE MEDICAL INSTITUTE. Transactions]. Alma-Ata, vol. 23, 1968.

Table of contents translated:
Kraschikina, N. T. - Foreign trade of Kazakhstan during the period of its industrialization. p. 3
Vdovin, V. I. - The process of eliminating essential differences between cities and rural areas. p. 8
Glasman, O. B. - Some problems of theoretical medicine from the viewpoint of dialectical materialism. p. 18
Merev, M. N. - History of auxiliary statistics in Russia. p. 24
Kraschikina, A. B. - State of school furniture, and hygiene in schoolchildren of Petropavlovsk. p. 40
Alasik, A. L. - Sanitary regimen of the water of Lake Balkhash based on data of three seasons (summer, fall, winter). p. 47
Daulbayev, F. A. - Effect of tailing ponds in ore dressing plants on the sanitary state of the air. p. 53
Daulbayev, F. A. - Sanitary and hygienic characteristics of underground water sources in tailing zones. p. 57
Daulbayev, F. A. - Content of trace elements in the soil and vegetables in areas surrounding ore dressing plants. p. 65
Smokhotin, T. M. - Sanitary and hygienic characteristics of waste waters from ore dressing plants of nonferrous metallurgy in Kazakhstan, and their effect on underground waters and water bodies. p. 80
Smokhotin, T. M. - Effect of tail ponds in ore dressing plants of nonferrous metallurgy on the air environment and sanitary home-life conditions of the population. p. 84
Smokhotin, T. M. - Effect of wastes of a lead plant on the air basin of a city. p. 88
Orlov, N. A. - Content of iron, copper, aluminum, and silicon in the adrenal glands of human fetuses. p. 91
Ochir, K. M. - Myocardial lesions and electrocardiographic examinations in chronic suppurative endocarditis. p. 95
Gordienko, V. G. - Effectiveness of heparin in decomposition defects of the heart. p. 93
Ochir, E. M. - Lesions of the pericardium in chronic suppurative endocarditis. p. 98
Daulbayev, F. A. - State of erythrocytes, the content of iron, copper and vitamin B₁₂ in the blood serum following partial resection of the stomach, excluding or including the duodenum. p. 104
Daulbayev, F. A. - Blood serum proteins following resection of the stomach, excluding or including the duodenum. p. 105
Smokhotin, T. M. - Some electrophysiological and biochemical changes in dogs during surgery and following resection of the stomach, excluding or including the duodenum. p. 106
Zakharov, V. E., Brenner, D. M. - Effect of atropine and promethazine on the motor-evacuatory function of the stomach: X-ray and electrophysiological parallelism. p. 118
Zakharov, V. E. - Effect of atropine and morphine on the motor function of the stomach. p. 123
Brenner, D. M., Uzunov, K. E. - Methodology of using pharmacological preparations in X-ray examination of the small intestine. Report No. 1. p. 128
Vodavilov, M. A. - Some indices of milk metabolism and physicochemical composition of the blood in bariatric operations. p. 130
Daulbayev, F. A. - Reaction to cytine in dogs following acute hemorrhage. p. 134
Vodavilov, M. A. - Treatment of blood transfusion shock with exchange transfusion: experimental study. p. 137
Bakpova, Kh. K., Viktorova, G. P., Tschol, L. B. - State of the electrolyte metabolism and processes of osmoregulation in diabetes mellitus. p. 140
Bakpova, Kh. K., Abdrazitova, G. A. - State of the respiratory function in silicosis and silicobronchitis, based on materials from Lezhnigorsk and Tselinok. p. 145
Bakpova, R. A., Abdrazitova, G. A., Arykova, R. L. - State of the coagulation and anticoagulation systems of the blood in silicosis and atherosclerosis. p. 150

- Abdrakhimova, G. A. - State of some components of the coagulation and anticoagulation systems of the blood in fibrosis and silicofibrosis. p. 183.
- Brezhnev, V. M. - Changes in the peripheral blood in workers of the Dzhezkazul Superphosphate Plant. p. 184.
- Budakova, T. G., Kusib, W. M., Saipova, R. A. - Content of manganese and copper in the blood serum in coronary atherosclerosis and hypertension. p. 187.
- Saipova, R. A., Oksa, D. N., Vekshina, B. A. - Some data on vascular lesions in middle-aged and elderly persons with atherosclerosis. p. 189.
- Tutubashova, G. M. - Protein composition of the blood serum in cirrhosis of the liver. p. 192.
- Tutubashova, G. M. - Side effects of antibiotics. p. 193.
- Khasanov, A. M. - Kugler treatment of pulmonary tuberculosis in elderly patients under conditions of alpine climate. p. 172.
- Suleimenov, A. A. - Electrolyte shock of the initial stage of radiation sickness. p. 177.
- Macrostekina, L. V. - Late results of the treatment of the Quervain's myelitis. p. 182.
- Polina, L. G. - Interrelation between glomerular filtration and effective renal plasma flow in nephrotic patients with hypertension. p. 188.
- Polina, L. G. - Separate concentration index of azotemia in urethraemia complicated with hypertension. p. 190.
- Karimov, V. M. - Accretion of a bone heterotransplant under the effect of local X irradiation. p. 185.
- Dzhambayeva, G. K., Burugan, A. G. - Role of the adrenal glands in disorders of electrolyte metabolism in experimental radiation disease. p. 182.
- Pravdin, R. M. - Effect of acute X irradiation on the agglutination reaction in animals vaccinated against whooping cough. p. 204.
- Burugan, A. G., Dzhambayeva, G. K. - Effect of the membrane-condensing substance of lung tumor on the permeability of the vasculature barriers and sorption properties of tissues in irradiated animals. p. 207.
- Chernov, E. F., Dzhambayeva, G. K. - Radiocentre isotopes as indicators in the determination of the time of vessels spreading into the transplanted pedicle of Pkhar's graft. p. 213.
- Amesheva, B. D., Krivonoz, L. V. - Present-day concept on the biosynthesis of cholesterol, and the regulation of its level in the animal organism. p. 215.
- Vladimirova, E. M. - Bile pigments and their metabolism. p. 218.
- Pashkova, S. M. - Ontogeny of myoglobin and cytochrome oxidase. Report No. 1: Myoglobin and cytochrome oxidase in the tissues of mice and rabbits. p. 240.
- Pashkova, S. M. - Ontogeny of myoglobin and cytochrome oxidase. Report No. 2: Myoglobin and cytochrome oxidase in the tissues of chickens and ducks. p. 244.
- Perden, E. A., Kakhvalskaya, I. A. - Myoglobin and morphological changes in some muscles in dogs under a single general X irradiation. p. 218.
- Kaplan, A. I., and others. - Results of examining the functional state of the external respiration in nonpenetrating wounds of the lungs. p. 206.
- Brezhnev, V. M., Churakov, K. Ch., Kakhman, V. K. - Some changes in the nervous system in workers of the Dzhezkazul Superphosphate Plant. p. 270.
- Alkhasov, E. A. - State of industrial microcirculation and supportive diseases of the head and nerves at the Kurman Mining and Ore Dressing Combine. Report No. 2. p. 274.
- Tikhonov, G. L. - Effect of femoral arteriovenous anastomosis on hemodynamics under conditions of transverse shock. p. 281.
- Ismail-Zade, I. G. - Hemostatic plasticity in combined gunshot wound of the vessels. p. 285.
- Elisei, G. L. - Pyridoxine derivatives in surgery on children. p. 280.
- Kuchukova, V. P. - Case of testicular feminization in male pseudohermaphroditism with the testis in the inguinal canal. p. 288.
- Kamshirova, L. A. - Alveolar hemorrhage as a complication following the removal of a tooth. p. 286.
- Chernov, E. F., Levitskiy, A. K. - Diagnosis and treatment of radiolysis cysts of the maxilla. p. 301.
- Sadikov, A. A. - Prosthetics for jaws one to three natural teeth. p. 308.
- Fal'kova-Kalika, E. L., Asaturov, E. A. - Pseudo-tumorous syndrome following a so-called "light" closed craniocerebral trauma. p. 313.
- Fejzulinov, A. A., Qusayev, V. A., Karada, J. - Treatment of craniocerebral trauma according to clinical materials. p. 317.
- Karysheva, L. L. - Effect of physical culture on the course of pregnancy and labor. p. 320.
- Dreish, M. V., Korotkova, Y. F. - Experience in the treatment of chronic inflammatory diseases of female genital organs with subcutaneous introduction of active plasma. p. 325.
- Karimova, K. K. - Changes in the genital organs of women working on a superphosphate plant. p. 328.
- Vakrovskaya, A. P. - Course of the placental and early postpartum periods in women with organic lesions of the heart. p. 332.
- Balshina, R. I. - Frequency of septicemia in chronic inflammatory processes of the adenoid uteri. Report No. 2. p. 335.
- Karysheva, L. L. - Marine sepsis and full-term pregnancy. p. 343.
- Kozlov, G. R. - Postpartum septic diseases as the cause of mortality in mothers. p. 344.
- Imagilova, A. Sh., Kiseleva, K. M. - Clinical characteristics of staphylococcal pneumonia in children at an early age. p. 349.
- Lobedeva, V. A. - Deficit of pantothenic acid in children of an early age during intestinal infections. p. 354.
- Lobedeva, V. A. - Content of riboflavin and 4-pyridoxic acid in the urine of healthy children of an early age. p. 358.
- R'no, L. V. - Mortality in children of Almaty. p. 364.
- Saipova, R. A. - Role of thermal factors in the etiology of esophageal cancer. p. 363.
- Saipova, R. A. - State of the oral cavity and the alimentary apparatus in patients with esophageal cancer. p. 368.
- Dorogobayeva, A. G. - Effect of lincos, kept in a "Turkish" on the esophageal mucosa under experimental conditions. p. 373.
- Adilgireva, L. Kh. - Esophageal leukoplakias. p. 375.
- Prokhanov, A. V., Usenkov, M. M. - Effect of coal dust of the Karaganda Basin on the function of ciliary epithelium of the esophagus in frogs. p. 368.
- Orenskaya, F. M. - Late results of surgical treatment of gastric cancer. p. 381.
- Krisov, A. S., Krygin, B. T. - Regional chemotherapy in breast cancer. p. 386.
- Labov, M. L., Kriev, A. S., Shibaev, Sh. - Some data on lymphogranulomatosis. p. 400.
- Logunov, A. P., Voronov, R. A., Nuzhnikov, A. L. - Hypernephroid cancer of the kidney with a prolonged benign course. p. 403.
- Shanov, D. M. - Morphological and histochemical characteristics of inflammatory processes concomitant to some cancerous tumors. Preliminary report. p. 407.
- Dzhambayeva, G. K. - Characteristics of clinical manifestations of epidermophytosis complicated by candidiasis. p. 418.
- Dzhambayeva, G. K. - Carbohydrate metabolism in epidermophytosis complicated by candidiasis. p. 423.
- Korytny, D. L., Prishchik, L. S. - Radiological studies in experimental autografting of the skin. p. 424.
- Korytny, D. L. - Changes in elastic structures in experimental autografting of the skin. p. 427.
- Gorina, I. G. - Results of compound study of some functions of the skin in elderly and senile persons. p. 433.
- Makarov, K. A., and others. - Infection of workers of a poultry farm by *Mycobacterium* of the avian type. p. 436.
- Kudachinskaya, K. K. - Control measures for the prevention of leishmaniasis. p. 439.
- Rozhalskiy, M. V. - Characterization of pathogenic staphylococci isolated in some purulent diseases. p. 447.
- Ismail-Zade, I. G. - Study of the microflora of wound abscesses in gunshot wounds under experimental conditions. p. 450.
- Dzhambayeva, G. K. - Some characteristics of ophthalmology in countries of West Africa. p. 464.
- Samarin, G. L., Kirillov, A. I. - Effect of some derivatives of the piperidine series on the cornea in rabbits. p. 469.
- Kirillov, A. I. - Effect of new locally anesthetizing preparations on the microflora of the conjunctival cavity. p. 463.
- Goncharova, E. R. - Effect of cocaine and novocaine on tissues of the oral cavity in rabbits. p. 467.
- Alkhasov, E. A., Vagapova, A. V. - Functional significance of collateral blood circulation in the ligature of aortic arch in dogs. p. 471.
- Prokhanov, A. V., Churakov, V. A. - Cytomorphological characteristics of diseases of the upper respiratory tract in rabbits. p. 474.
- Karysheva, L. L. - Comparative morphology of experimental leishmaniasis in guinea pigs under conditions of normal vitamin regimen and in C-hypovitaminosis. p. 486.
- Yl-Thang-shu, R. - Role of the pancreas in the pathogenesis of experimental dyspepsia in animals at an early age. p. 483.
- Yl-Thang-shu, R. - Quantitative cytochemical study of RNA and proteins in the cells of the pancreas in mice and animals at a senile age. p. 487.
- Kalishina, M. B. - Effect of methionine base deficiency on the reactivity of the cellular elements of the connective tissue. p. 501.
- Kalishina, M. B. - Morphogenesis of the apical cord as apical growth in mice in embryogenesis. Preliminary report. p. 508.
- Dreish, M. V. - Medicinal plants of Kazakhstan. p. 509.
- Dubinin, N. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. p. 515.
- Vallava, G. M. - Comparative study of Karakul and Dzhungarsky acorns. p. 528.
- Nikishchenko, T. K. - Phytochemical study of *Filix* and *Dzhungarsky daphniphyllum*, growing in Kazakhstan. p. 524.
- Polishov, A. F. - Study of *Corydalis lodowicziana* and *Corydalis glaucescens* Kar. et Kir. for the content of ascorbic acid and carotene. p. 527.
- Kadimov, Kh. K., Rybalova, R. P. - Couette flow in an annular canal. p. 530.
- Breusova, K. K. - Preposition in a Kazakh class; on the methodology of teaching. p. 539.
- Sadikova, A. I. - Substantiation of adjectives and participles. p. 542.
- Saidova, A. G. - Analysis of errors in use of the methods to promote literacy. p. 548.
- Amesheva, V. G. - Adverbs in the Russian and Kazakh languages. p. 549. (ONLIM)

AZERBAIDZHANSKI MEDITSINSKI JOURNAL

[AZERBAIDZHAN MEDICAL JOURNAL]. Issued by Azerbaijan SSR Ministry of Health (Azerbaijan Ministry of Health). Baku, vol. 48, no. 12, Dec. 1968.

Table of contents translated.

Abdullayev, D. M., and others. - Dissection of atherosclerosis and hypertension among workers of petroleum refining industry. p. 3.

Videli, M. M. - X-ray picture of atherosclerosis. p. 7.

Guseinov, P. B. - Atherosclerosis in cirrhosis of the liver. p. 12.

Imamova, D. R. - Electrocardiographic studies of intestinal toxicoses in infants in connection with use of polyvinyl pyrrolidone. p. 14.

Abdullayev, M. S. - Characteristics of cellular paraffin. p. 17.

Masarskiy, I. Z. - Photographic study of functional changes in the large intestine under the influence of atropine in gastrointestinal cancer. p. 23.

Basilev, T. A. - Treatment of gynecological patients with sulfide baths combined with electrotherapy. p. 27.

Alkhasov, A. A., Kiselev, S. L. - Bacteriologic and differences between bits and position of the human teeth in different pairs of twins. p. 31.

Basilev, T. A. - Characteristics of changes in some indices of peripheral blood in workers of synthetic rubber industry. p. 36.

Alekperova, G. G. - Indices of completed and uncompleted phagocytosis in infants with catarrhal dysentery. p. 48.

Karamzadeh, Kh. G. - Plate-like form of paratyphoid with papules. p. 47.

Guseinov, D. I. - Second Transcaucasian Scientific Conference of Gerontologists and Geriatricians. p. 53.

BULLETTEN' EKSPERIMENTAL'NOY BIOLOGICHESKOY I MEDITSINSKOY

[BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiya meditsinskikh nauk SSSR (Academy of Medical Sciences of the U.S.S.R.). Moscow, vol. 67, no. 1, Jan. 1969.

Table of contents translated.

Alekshin, I. A. - Effect of adrenalin on the ability of intact erythrocytes to increase the thromboplastin activity of plasma. p. 2.

Rodnikov, K. V., Kodyrov, G. K. - Analysis of neurochemical mechanisms of cortical activation during a pain reaction. p. 4.

Mosin, B. S. - Myoglobin content in the skeletal muscles and heart in dogs at different ages (p. 10-15).

Kon, M. V. - Changes in arterial pressure and cardiac output following occlusion of the abdominal aorta. p. 13.

Karabrova, O. P. - Basic features of endocrinological (in traumatic shock) based on intravital microscopical data of the neuroendocrine system. p. 20.

Elastov, A. B. - Course of protracted collapse at an early age under the effect of benzodiazepines on the mechanisms of neurohumoral regulation. p. 20.

Simakov, I. U. - Synthesis of proteins, RNA, and phospholipids in myocardium in compensatory cardiac hyperfunction following preliminary constriction. p. 23.

Asaturov, E. A., Karamzadeh, Kh. G., Guseinov, P. B. - Secretory activity of the hypothalamus-hypophyseal-adrenal system in hypothermia. p. 26.

Moroz, B. B., Panthulova, M. M. - Changes in the binding capacity of the corticosteroid-binding blood plasma globulin in acute radiation sickness. p. 28.

Klimovskiy, B. B. - Protein content of the blood serum in rats during inflammation at late periods following irradiation. p. 30.

Shakun, G. K. - Postconstriction changes in the biliary function of the liver in rats. p. 32.

Oetrovskaya, R. U., Oetrovskiy, V. M., (Oetrovskiy, V. M.) - Effect of sodium hydroxybutyrate on the content of lactate and pyruvate in hypoxia. p. 35.

Lil'eva, V. A. - Formation of a new vitamin A metabolite in the rat organism. p. 35.

Mil'obova, M. G. - Content of nonesterified fatty acids in the blood serum and adipose tissue in irradiated rats in their estrification. p. 41.

Moroz, B. B. - Effect of growth-inhibiting nutrition on the connective tissue of the skin of white rats of different ages. p. 43.

Tolmashova, E. S., Melnikova, T. S. - Effect of neuroleptic preparations (amisulpride, meprobamate, and haloperidol) on the activity of single neurons. p. 46.

Zorina, Z. A., Yanev, D. A. - Pharmacological analysis of myoclonic spasms in rats. p. 48.

Maslov, M. N., Smorodskiy, A. A. - Maturity

- intercellular inclusions caused by the parovirus virus. p. 31.
- Gerasimov, A. B., Elmskin, V. M. - Effect of the herpes simplex virus (strain LK-1) and its mutants on the mitotic balance of tissue cultures. p. 54.
- Ermolov, V. I. - Development of natural immunity in the progeny of dogs with a normal pregnancy course. p. 57.
- Dovobno, L. V., Korovina, L. S., Maslova, V. A. - Role of mononuclear cells in the formation of hypersensitivity of the delayed type. p. 58.
- Zetula, D. G. - Preventive immunization and immunotherapy of Ehrlich's sarcoma and Crocker's carcinoma. p. 59.
- Esash, V. A., Vartak, R., Streichen, D. - Role of disorders of endocrine balance following induction of cerebral tumors by methylglutamate. p. 64.
- Shifler, I. V. - Effect of single and fractional irradiation on normal and tumor tissues with similar mitotic activity. p. 65.
- Fomukhov, B. V., Malinina, M. A. - Growth stimulation of the extremity bones in the embryonic stage of the mutant line brachypodism-II by means of somatotrophic hormones. p. 70.
- Abalukha, A. V. - Reaction to a skin graft in thymectomized rats. p. 73.
- Dzhomalev, Z. A., Mitroshin, D. A. - Mitotic cycle of the peripheral blood in *Macaca mulatta* monkeys. p. 74.
- Fayezova, I. M., Bogatova, R. I. - Diurnal periodicity of cellular mitoses in the renal cells of rats of both sexes. p. 76.
- Kudachin, V. V. - Significance of treating the skin for the formation of melanin cells on its epithelium. p. 80.
- Molavikha, P. A., Tikhonovskaya, R. T. - Isolated receptors of afferent of the medulla oblongata and spinal cord. p. 84.
- Gol'dman, I. L., Dobrilov, D. Y., Budakov, V. I. - Polyploid cells in the hemopoietic tissue in man and animals. p. 87.
- Dubynin, T. I. - Distribution of acid mucopolysaccharides in the medullary layer of white rats under conditions of dry feeding and overfeeding. p. 91.
- Norikova, V. P. - Comparative characteristics of general and local electroencephalography. p. 94.
- Morozov, D. E., Chernov, A. P., Bogdanov, V. V. - Variant of the method of integral microphotometric measuring of objects. p. 97.
- Lazarov, A. F. - Microchemical analysis of the distribution of growth hormones by means of fractions of Ribon extract of the human hypophysis. p. 98.
- LENDINORAD. GOSUDARSTVENNYI INSTITUT USOVER-SHIMSTVOVANIA VRACHEB. (Trudy) [STATE INSTITUTE OF POSTGRADUATE TRAINING FOR PHYSICIANS. (Transactions). No. 41, 1964, Mikrobiologicheskie issledovaniya [Microbiological studies], vol. 2.**
- MEDITSINSKAYA RADIOLOGIYA [MEDICAL RADIOLOGY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 11, Nov. 1963.
- Table of contents (translated):
- Pavlov, A. B., Koshchinskaya, K. M., Tlova, V. A. - Intracavitary gamma-therapy of cancer of the cervix uteri based on the afterloading principle. p. 3.
- Gladysova, T. B., Strashnina, A. I., Myasnikov, E. M. - Effectiveness of treating postcancerous cystitis with Co⁶⁰ radiation and bromocryptine of 4,3 MeV energy. p. 8.
- Melnykova, T. M., Muravskaya, G. V., Mel'nik, L. I. - Selection of the conditions of large focus skin distance gamma-therapy of malignant tumors of the paranasal sinuses. p. 11.
- Donskikh, M. P., and others. - Late sequelae of the irradiation of the diaphragm in man. p. 16.
- Tager, I. L., Markov, M. B., Chichikina, N. B. - Cellular changes following radiotherapy. p. 26.
- Kobzarova, M. M., Fridland, I. B. - Content of some amino acids in the erythrocytes and plasma following radiotherapy of lymphogranulomatosis. p. 31.
- Zhukov, D. A. - Scanning of the liver and kidneys in focal lesions of the liver. p. 35.
- Detslavskiy, V. M., Kozlov, M. V., Lina, P. M. - Apparatus for the localization of neoplasms of the brain by means of P³² during operations. p. 41.
- Turkova, V. M., Kalinin, A. P. - X-ray and radiological diagnosis of tumors of the parathyroid glands. p. 44.
- Kotlarov, K. V., and others. - Quantitative evaluation of functioning parenchyma of the kidneys by means of radiometry of the entire body. p. 48.
- Baranova, R. I., Mikhailov, M. M., Kuznetsov, I. U. - Use of I¹³¹-thyroids for determining the function of the thyroid gland in children. p. 53.
- Shanlyr, V. I. - Biological effect of high energy beam-irradiation in radiotherapy. p. 64.
- Korolev, G. K., Serebrenikov, M. G., Tishchenko, A. V. - Distribution of I¹³¹ in the body following intratracheal introduction, and the morphological changes in the thyroid gland. p. 66.
- Verdov, S. I. A., and others. - Effect of cytostatics and mecamines on some factors of hemostasis in irradiated rats. p. 64.
- Volodinskii, M. L., and others. - Measurement of the dose of neutron radiation during treatment by means of linear accelerators and betatrons. p. 64.
- Bogdanov, N. P., Severinov, A. V., Tishchenko, R. V. - Basic problems of radiation cytogenetics in man. p. 70.
- Bash, I. M., Surpal'tsev, I. A., Kirilovskiy, V. I. - Determination of Sr⁹⁰ in the body by means of preparation of osseous tissue. p. 81.
- Starits, L. G. - Large focus skin distance X-ray therapy of hypophyseal adenomas. p. 83.
- Starits, G. B. - Symposium on "Problems of posttraumatic regeneration following radiation influences." p. 83.
- Deglar, V., Dorfel, E. - Professor Fritz Rühli, Doctor of Medical Sciences, an obituary. p. 84.
- MEDITSINSKIY REPERATIVNYI KHURNAL [MEDICAL ABSTRACTS]** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Ruzdel (Section) 1, vol. 12, no. 11, Dec. 1963.
- Ruzdel (Section) 2, vol. 12, no. 12, Dec. 1963.
- Ruzdel (Section) 3, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 4, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 5, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 6, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 7, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 8, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 9, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 10, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 11, vol. 12, no. 10, Oct. 1963.
- Ruzdel (Section) 12, vol. 12, no. 1, Jan. 1964.
- MOSCOW. PERVYI MEDITSINSKIY INSTITUT, Trudy [FIRST MEDICAL INSTITUTE. Transactions].** Vol. 50, 1964. Pathology and emergency surgery.
- NOVOYE V ZHIZNI, NAUKA, TEKHNIKA. Seriya "Meditsina" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY "Medicine" Series].** Moscow, nos. 11-12, 1963.
- NOVOYE MEDITSINSKIY GOSUDARSTVENNYI MEDITSINSKIY INSTITUT. Trudy [NOVOYE MEDITSINSKIY STATE MEDICAL INSTITUTE. Research Laboratory. Transactions].** Moscow, vol. 1, 1964. Microchemical thermodynamic resistance in biology and medicine.
- Table of contents (translated):
- Kuznetsov, V. P., Kuznetsov, V. V. - Direct-heat thermometers in biology and medicine. p. 7.
- Starits, I. U. A., Kuznetsov, V. V. - Possible use of direct-heat thermometers for the registration of complement reactions. p. 16.
- Kristal, M. P., Kuznetsov, V. V. - Apparatus for the study of complement reactions. p. 22.
- Starits, I. U. A. - Use of a thermometer for the determination of the coefficient of the temperature conductivity of lipids. p. 33.
- Kuznetsov, V. P., and others. - Study of the complement properties of the blood serum in relation of tuberculosis using the TC method in tuberculosis. p. 39.
- Sviridov, M. V., and others. - Use of direct-heat thermometers in serodiagnosis of tuberculosis of the peripheral lymph nodes. p. 48.
- Sviridov, M. V., and others. - Use of thermometers in the study of specific serologic reactions in tuberculosis. p. 50.
- Prishvin, E. B., and others. - Detection of antibodies to tuberculin in the blood serum of patients. p. 54.
- Schastlivaya, E. L., and others. - Comparison between results of the study of serologic reactions to tuberculin and data on Koch's test. p. 54.
- Kuznetsov, V. P., and others. - Use of microthermometers in the detection of antibodies to streptococci in tuberculosis. p. 62.
- Prishvin, E. B., and others. - Thermistometry in the study of the state of postvaccination allergies in rabbits vaccinated with BCG. p. 66.
- Rodionova, E. M., and others. - Method of detecting C-reactive proteins. p. 72.
- Kuznetsov, V. P., and others. - Physical method of study of the complement properties of antineoplastic serum. p. 76.
- Labareux, S. S., Starits, I. U. A., Fedorchenko, M. V. - Exploitation of the use of thermometers in the study of the immunological structure of the population in relation to *Rickettsia prowazekii*. p. 84.
- Berezinskaya, T. L., Modisova, N. B. - Use of thermometers in the study of immunogenesis in electro-radiation with typhoid and paratyphoid infections. p. 88.
- Berezinskaya, T. L., Modisova, N. B., Serdyukov, A. E. - Use of thermometers in the serodiagnosis of bacillary dysentery. p. 93.
- Berezinskaya, T. L., Modisova, N. B., Fedorchenko, M. V. - Use of thermometers in the registration of the antigen-antibody reaction following clinical and experimental electroimmunization with brucella vaccine. p. 93.
- Kuznetsov, V. P., and others. - Physical method of study in the diagnosis of syphilis. p. 104.
- Labareux, S. S., Modisova, N. B. - Use of thermometers in the differential diagnosis of amoebic hepatitis and Borrel's epidemic hepatitis. p. 108.
- Modisova, N. B., Berezinskaya, T. L. - Comparative evaluation of the sensitivity of the reaction of indirect hemagglutination and the method of thermoresistance in compound immunosorbent treatment of typhoid fever. p. 113.
- Shanlyr, V. I., Davidovich, R. V., Vlasov, V. F. - Some immunological methods of laboratory diagnosis of alveococcosis and hydatid echinococcosis. p. 118.
- Labareux, S. S., and others. - Use of thermometers in the diagnosis of toxoplasmosis. p. 124.
- Kuznetsov, V. P., and others. - Possibility of detecting antibodies in heterotransplants with the aid of thermometers. p. 126.
- Rodionova, E. M., and others. - Immunological substantiation of osteoblastoplasty from young donors to young recipients. p. 132.
- Rodionova, E. M., and others. - Immunological parallelism in surgery on the spleen with the use of a heterotransplant. p. 138.
- Rodionova, E. M., Kuznetsov, V. V. - Materials on the study of transplantation immunity using the microthermoresistance method. p. 143.
- Dorin, A. A., and others. - Some immunological indices in systemic lupus erythematosus. p. 149.
- Labareux, S. S., and others. - Microthermoresistance method in the study of complement properties of dog sera in acute experimental hemorrhages. p. 156.
- Gel'man, A. E., and others. - Study of autoimmunological processes in gastric ulcer using the thermoresistance method. Preliminary report. p. 160.
- Kalifov, V. U. - Using thermometers in the study of immunological processes in oncological diseases. Preliminary report. p. 164.
- Kuznetsov, V. P., and others. - Immunological shifts in dogs following a single local irradiation of an arterial vessel with a small dose of X-rays. Preliminary report. p. 167.
- Kuznetsov, V. P., and others. - Study of stimulated fluorescence of the blood serum of healthy persons and of those with malignant neoplasms. p. 178.
- Kuznetsov, V. P., Vukobrat, G. M., Labareux, S. S. - Possibility of transmitting biological intercellular and interstitial information with the aid of blood plasma nucleoproteins, new submicroscopic elements of the blood. Preliminary report. p. 188.
- Kuznetsov, V. P., Kalifov, L. A., Starits, I. U. A. - Ultraviolet blood fluorescence. p. 188.
- Kuznetsov, V. P., and others. - Effect of tissue culture infected by the Coxsackie virus A-13 on intact "mirror" cultures. Report No. 1. p. 197.
- Kuznetsov, V. P., and others. - Effect of tissue culture infected by the virus of the classical fowl plague (FPV) on intact "mirror" cultures. Report No. 2. p. 201.
- Koval', N. M. - Methodology of interrupted automatic registration of the hemolytic erythrocyte process. p. 202.
- Kogan, A. S., Udeev, I. U. L., Mironov, G. A. - Adrenalectomy in a disseminated cancer of the breast. p. 211.
- OMSK. MEDITSINSKIY INSTITUT. Trudy [MEDICAL INSTITUTE. Transactions].** No. 60, 1964. Problems of pathology of the upper respiratory tract.
- No. 67, 1964. Problems of the anatomy, physiology, and pathology of the placenta.
- PRIBALTITSKAYA ZHELEZNAIA DOROGA. Vracheskoye posredstvo shchiba, Sbornik trudov vrachev dorogi [BALTO AREA RAILROAD. Medical-Staff Reports. Papers of the Railroad's doctors].** Riga, no. 4, 1964. Collection of papers of the railroad physicians.
- Table of contents (translated):
- Mashin, A. I. U. - Review of the surgical activity of the therapeutic institutions of the Baltic Railroad in 1963.
- Landa, B. A. - Some gastrointestinal hemorrhages of unknown origin. p. 17.
- Yagulis, Y. - Surgical treatment of constrictive pericarditis. p. 23.
- Bilinsk, M. - Nodular goiter and cancer of the thyroid gland. p. 33.
- Landa, B. A. - Hepatogastroenterology. p. 39.
- Tikhova, M. B. - Adipose tumors of the nodules. p. 48.
- Bilinsk, M. - Combined gastrectomy, splenectomy, and resection of the pancreas for gastric lymphogranulomatosis. p. 53.
- Landa, B. A., Pina, A. G. - Indications for splenectomy. p. 57.
- Mashin, A. I. U. - Laparotomy most recommended by us in alloplasty. p. 61.
- Shanlyr, N. M. - Case of esophageal leiomyosarcoma. p. 67.
- Ostle, A. - Case of gastric leiomyosarcoma. p. 71.
- Ponomarev, M. E. - Diagnostic services in some therapeutic diseases as a method of prevention and reduction of mortality. p. 76.
- Bortolova, A. S. - State of dispensary service and temporary disability in peptic ulcer. p. 81.
- Shanlyr, N. M. - Gastric endoscopy in peptic ulcer and gastritis. p. 87.
- Sviridov, I. U. M., Sviridova, E. K., Oblavinskaya, M. G. - Case of mucocystitis in a child. p. 133.
- Filler, I. M. - Morphology of animal tissues following implantation of sperms and leucocytes. p. 137.
- Landa, B. M. - Late results of alloplasty for post-operative ventral hernia in X-ray examination. Preliminary report. p. 151.
- Fridman, B. M., Vlasov, R. V. - X-ray diagnosis of pulmonary osteomas, X-ray comparisons. p. 171.
- Korotkiy, O. - Late results of the use of vacuum

- extractor, based on materials of the maternity ward of the hospital of Vilnius railroad station during 1940-1953. p. 179.
- Chaplinskii, E. M. - Dynamics of the humoral immunity against influenza in railroad employees of Tallinn station, based on materials of 1953-1954. p. 181.
- Dubov, V. V. - Microbiological picture and the sensitivity of dysenteric pathogens to antibiotics. p. 193.
- Vorob'eva, M. K. - Effectiveness of furazolidone in the treatment of lamblia in preschool children. p. 197.
- Borisova, L. I., Tubelis, I. - Study of the effectiveness of the performance of cleaning devices used in the impregnation plant at the Riga section of the Baltic Railroad. p. 201.
- Abramova, L. W., Kabanovich, S. M. - Content of vitamin C in vegetables grown in the Latvian S. S. R. and preservation of vitamins in prolonged storage. p. 205.
- Shepatkina, I. A. - Deytification of the pulp with paraformaldehyde. p. 208.
- Sverdlov, I. U. M., Vukobratov, R. - Methodology of the determination of C-reactive protein. p. 211.

PROBLEMY TUBERKULI (PROBLEMS OF TUBERCULOSIS). Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.], Moscow, vol. 43, no. 8, 1968.

- Table of contents translated
- Resolutions of the Seventh All-Union Congress of Phthisiologists adopted November 27, 1964. p. 3.
- Orlovskiy, V. V., Shebekina, L. V. - Chemoprophylaxis of tuberculosis in children coming from family foci and having negative Pirquet reaction. p. 9.
- Orlov, N. V., Tsenkova, B., Tshukova, P. - BCG test in the detection of tubercular allergy. p. 13.
- Rachinskii, I. U. A., and others. - Results of active detection of osteoarticular tuberculosis in Moscow District. p. 15.
- Sumbakov, G. A., Ioffe, R. A., Polshova, S. G. - Inactivation of isoniazid and its influence on the effectiveness of antibacterial treatment of pulmonary tuberculosis. p. 23.
- Amelin, N. R. - Role of the inactivation of phthalazide in the treatment of tuberculosis in children. p. 29.
- Tsit'kova, K. M. - Inactivation of phthalazide, isoniazid, and streptomycin in the organism of tubercular patients. p. 33.
- Bondaruk, M. I., and others. - Control study of chronic pulmonary tuberculosis treated with tuberculostatic preparations of the second series. p. 39.
- Prokof'ev, D. I. - Vitamins A and carotene in the blood serum in pulmonary tuberculosis. p. 43.
- Zagrebina, E. K., Babanova, M. G. - Diagnosis of sarcoidosis. p. 51.
- Litvinskaya, L. E., Tshub, T. M. - Determination of thioctic acid in pulmonary tuberculosis. p. 55.
- Tegomova, A. I., Khramova, M. L. - Materials on a comparative study of substrates of BCG. p. 61.
- Maklinskii, S. V., Sereda, H. V., Kishchenko, O. M. - Significance of histamine and its inactivation in the pathogenesis of tuberculosis in young children. p. 65.
- Vil'nerman, A. M., Fina, E. A., Kypratova, E. A. - Inactivation of hydrazides of isonicotinic acid in the organisms of patients and resistance of Mycobacterium tuberculosis to drugs. p. 73.
- Smolinskii, T. M. - Possibility to study some clinical practice indices on models of experimental pulmonary tuberculosis cavities. p. 77.
- Suklov, I. M. - Effect of histamine on the allergic reorganization of the body in children vaccinated against tuberculosis. p. 79.
- Philipov, D. L. - Two cases of candidiasis in bone tuberculosis. p. 83.
- Lavkina, V. I. - Vladimir Antonovich Davish-Shesterbo, on his 75th birthday. p. 83.
- Apohtari Dnestriyevsk Bolotov; on the centennial of his birth. p. 84.
- In memory of Prof. A. A. Kishin. p. 84.

Vol. 43, no. 10, 1968.

SOVIETSKOE ZDRAVOOKHRANENIE KIROVSKII (SOVIET HEALTH SERVICE OF KIROVSKII) Issued by Ministerstvo zdravookhraneniya Kirgizskoi SSR [Ministry of Health of the Kirgiz S. S. R.], Frunze, no. 6, Nov.-Dec. 1968.

- Table of contents translated
- Mil'ne, V. I. - Mechanism of the neuroendocrine regulation in intracorporeal irradiation with relatively small doses of ionizing radiation. p. 2.
- Dashchinskii, G. A., Kravchenko, E. A. - Thromboembolic complications and prethrombotic states in diabetes mellitus. p. 6.
- Kozlovskii, M. K. - Effect of preliminary overheating of the organism on the blood coagulation system under conditions of acute hemorrhages. p. 8.
- Bogdanov, M. K. - Diarrheal colitis syndrome. p. 11.
- Urovisht, M. M., Sinev, A. F. - Biventricular aorta in congenital cardiac defects. p. 17.
- Kashchinskii, I. I. - Rheoencephalography in the diagnosis and medical expertise of the capacity

- for work in cerebral forms of hypertension. p. 23.
- Khobits, V. D. - Significance of electrosleep in cerebral atherosclerosis. p. 26.
- Belinskii, V. P. - Treatment of atherosclerosis at the Kamchatka Health Resort. p. 30.
- Prokopenko, V. V. - Fetal hemoglobin content in some hematological syndromes. p. 32.
- Andruschchikov, E. V. - Change in the blood coagulation system in hypertension with thrombohemorrhagic complications. p. 34.
- Goltsman'ki, T. T., Bilkevich, L. T. - Condition of patients following myocardial infarction. p. 38.
- Mikhom, R. L. - Amino acid composition of the blood in rheumatic cardiac defects. p. 40.
- Mitshchuk, L. G., and others. - Clinical and bacteriological parallels in chronic glomerulo- and pyelonephritis. p. 44.
- Proskurn, O. V., and others. - Fractional capacity of the kidneys in hydrosphrosis. p. 47.
- Orlov, M. A. - State of the renal buffer systems and active blood reaction in pyelonephritis. p. 51.
- Malik, V. L., Kuznetsov, V. M. - Morphological and some histochemical renal changes following post-abortal acute renal insufficiency. p. 54.
- Maklinskii, S. A., Senkiv, I. I., Urovisht, I. U. M. - Content of sex chromatin in tumor cells. p. 59.
- Gonch, V. L., and others. - Some controversial problems in the diagnosis of mediastinal tumors. p. 63.
- Bashakov, A. F. - Clinical aspects of a late-period and medical expertise of the capacity for work following resection of the stomach for cancer. p. 65.
- Lashin, M. A., Ponomarev, V. N., Reingardt, B. K. - Functional state of the liver in rheumatism. p. 71.
- Sokolov, A. G. - Changes in the secretory functions of the pancreas and liver following adrenalin administration. p. 74.
- Syrovatka, A. S., and others. - Histoenzymatic parallels in the development of acute pancreatitis. p. 77.
- Oryolinskii, B. I., Pashchuk, V. L. - State of the blood coagulation system in chronic non-specific pancreatitis. p. 79.
- Kozlovskii, A. G., Kholodetskii, M. V. - Use of proteolytic enzymes in the treatment of non-specific pulmonary diseases. p. 83.
- Prokhor, R. G. - Significance of bronchography and pleurography in the diagnosis of residual pleural cavities. p. 86.
- Popov, I. U. D. - Secretion of adrenal steroid hormones by the stomach. p. 88.
- Popovskiy, M. V., Polakov, A. L. - Histophysiology of neurosecretory elements of neurohypophysis and adrenocorticotrophic function with autogenic "reflex" epilepsy. p. 93.
- Sokolov, I. U. M. - Topography and structure of the vegetative plexus nodes in parasympathetic ganglionitis. p. 94.
- Perfilov, V. P., Fedorov, I. I., Perfilov, T. M. - Analysis of errors made during taking of materials for clinical and biochemical research. p. 106.
- Prokopenko, M. K. - Erroneous interpretation of the role of degenerative changes in cervical intervertebral disks in pathological processes of other etiology. p. 103.
- Shepik, I. U. P. - Possibilities of expert examination of ashes by x-ray fluorescence and soft X-ray irradiation. p. 113.
- Dudakov, V. I., Dymak, V. L. - Improving the working conditions in the glass-reinforced plastic industry. p. 115.
- Dudakov, T. V. - Experimental data on the toxicity of the herbicide "Thio". p. 118.
- Dashchinskii, L. P. - Clinical aspects and treatment of phlebotomias poisoning. p. 120.
- Fedorov, M. K. - Thrombotic in arteritis and slightly toxic forms of infectious hepatitis. p. 124.
- Rubov, A. A., Khromov, I. U. P., Vostokovskii, L. A. - Intramuscular administration of varicella-zoster virus. p. 126.
- Goltsman, E. V. - Cardiovascular disorders in some viral diseases and their prevention. p. 127.
- Gorlov, T. B., Anisimov, V. V., Filippova, M. T. - Some data on streptococcosis. p. 131.
- Karlovskii, M. A. - Organization of dispensary services to patients with thromboembolic diseases in rural areas. p. 133.
- Aleksandrov, L. I., Kozlovskii, A. K. - Clinical aspects of the Pickwickian syndrome. p. 137.
- Bondaruk, A. K. - Contrast methods of X-ray studies in a rural regional hospital. p. 139.
- Gordienko, M. N. - Potassium by vinegar essence. p. 140.
- Bogdanov, M. S. - Food poisoning by gramin. p. 143.
- Sal'ni, A. P. - Acute poisoning by ammonia water. p. 143.
- Bukharovskii, A. M. - Dermal-mucous reaction to alcoholism acid in patients. p. 144.
- Markov, V. M. - Allergic reaction to xicovertine. p. 146.
- Gorlov, A. P. - Anaphylactic shock due to administration of streptococci. p. 148.
- Seredak, M. M., Dashchinskii, V. G. - Rheoencephalography in cerebral atherosclerosis following mineral water treatment. p. 147.

- Zosmanovich, F. M. - Surgical diseases in children. p. 148.
- Babitskii, E. L. - Treatment of acute and chronic gastric and duodenal ulcers. p. 150.
- Kolman, K. M., Blinder, M. A., Latoshina, I. I. - Indices of gastric secretion following resection of the stomach for cancer. p. 153.
- Murzenko, D. I. - Effect of long-wave X rays permeability of the horny layer of the skin chronic eczema and limited neurodermatitis. p. 157.
- Rott, A. V. - Legal consultation. p. 157.

ZDRAVOOKHRANENIE TURKMENISTANA (HEALTH SERVICE OF TURKMENISTAN). Organ of Ministerstva zdravookhraneniya TSSSR [Ministry of Health of the Turkmen S. S. R.], Ashkhabad, vol. 13, no. Nov. 1968.

a. PATHOLOGY & THERAPEUTICS

KLINICHESKAYA ONKOLOGIYA (CLINICAL ONCOLOGY) Issued by Kirgizskii onkologicheskii i radiofizicheskii nauchno-issledovatel'skii i onkologicheskii institut [Scientific Research Oncological and Radio-Physical Institute]. Kiev, no. 8, 1968.

- Table of contents translated
- Shukhin, N. - Study of gastritis, precancer, and of the stomach under biochemical aspects in Latvian S. S. R. p. 9.
- Jasane, I. - Comparative materials on the acid gastric proteolytic enzymes in pathology of the stomach including gastric cancer. p. 15.
- Brice, F., Krumpo, R., Bramberg, V. - Cytomorphological and clinical studies of the stomach. p. 19.
- Bramberg, V. - Atypical symptoms of cells of cancer according to data of endoscopic cytology. p. 27.
- Kalish, V. D. - Method of arteriography in the study of the interorganismic gastritis, vasculitis in peptic ulcer and cancer of the stomach. p. 43.
- Kalish, V. D. - Pathological changes of the organic lymphatic system of the stomach in malignant ulcers. p. 48.
- Utkin, A. V. - Changes in the potassium and sodium content in blood plasma, erythrocytes, and of patients with gastric cancer depending on extent of surgical intervention. p. 56.
- Tipaine, V. - Metastases of malignant tumors of heart. p. 61.
- Rozekshin, V. P. - Prognosis in breast cancer according to the topography of the tumor. p. 64.
- Plegers, D. - Sex chromatin in benign tumors of breast. p. 67.
- Plegers, D. - Study of sex chromatin in tumor metastases, and epithelium of the oral mucosa patients with malignant tumors of the breast. p. 71.
- Olina, A. - Excretion of enzymes in patients of breast cancer following hormonal lead with testosterone propionate. p. 79.
- Olina, A. - Excretion of enzymes in patients of breast cancer following hormonal lead with and corticosteroids. p. 83.
- Martins, E., Martineva, M. V. - Clinical aspects, diagnosis, and treatment of malignant tumor of the thyroid gland. p. 103.
- Zhare, I., Kondalov, I., Bramberg, V. - XII symposium on the picture of peripheral blood clinical observations. p. 113.
- Roditskiy, V. - Effect of serotonin and tryptophan blood picture and blood serum protein titer in leukopenia in patients with malignant tumors. p. 117.
- Prusa, L. - Changes in the homoproteins in cells following chemotherapy depending on the fractionation (proteins and vitamins C and B). p. 119.
- Murzenko, D. - Possibilities of transplanting the points tissue under experimental conditions a review of the literature. p. 147.
- Murzenko, D. - Aspects of the transplantation of hematopoietic tissues in clinical practice: a review of the literature. p. 157.
- Lapov, R. - Calculation of absorbed radiation dose in intravenous introduction of colloidal ^{131}I . p. 157.
- Utkin, V. V., and others. - Use of chemotherapy the method of prolonged intravascular infusion some localizations of malignant neoplasms. p. 161.
- Gruze, N. - Changes in the indices of oxygenated acid-base equilibrium in the blood of rats kept extremely during regional perfusion. p. 163.
- Zakharov, G. K. - Changes in the picture of blood serum proteins in patients with malignant tumors during chemotherapy combined with systemic. p. 167.
- Basu-Bhattacharya, Kh. F., Zakharov, G. K. - Protein fractions of the blood serum in sarcomatous treated with combination of systemic and Td. p. 171.
- Basu-Bhattacharya, Kh. F. - Proportion level in the serum of rats treated with combination of xy and Thio-TEPA. p. 177.
- Lapov, V., Blazgala, V., Basu-Bhattacharya, Kh. - Some biological indices in sarcomatous rats

- treated with Thio-TEPA in combination with symonax. p. 227.
- Prans, L., Bass-Matishchev, M. F. - Study of the hemostatic effect of symonax according to the data of blood and bone marrow in healthy experimental animals and those with tumors treated with Thio-TEPA. p. 240.
- Lips, V. - Activity of aminotransferases in the liver, blood plasma, and tumors in rats with sarcoma M-1 under the effect of Thio-TEPA and symonax. p. 247.
- Meryus, G. R. - Comparative evaluation of the effect of ionizing irradiation, Thio-TEPA, and their combined administration on some blood indices in rats with sarcoma M-1. p. 278.
- ТОМСЬКИЙ НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ ВАНДЕРИЙСКОГО** [SCIENTIFIC RESEARCH INSTITUTE OF VANDERBILT AND SERRA, TRANSCAROLINA]. Vol. 10, 1964. Problems of epidemiology, microbiology, and immunology.
- 1. PHARMACY & MATERIA MEDICA**
- ФАРМАЦЕВТИЧНИЙ ЖУРНАЛ** [PHARMACEUTICAL JOURNAL]. Issued by Ministerstvo zdravstva Ukrainy [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 21, no. 8, 1968.
- СОВРЕМЕННЫЕ ПСИХОТРОПНЫЕ СРЕДСТВА** [MODERN PSYCHOTROPIC MEASURES]. Issued by Psichiatricheskaya klinika imeni S. S. Korotkova Perovskogo nauchnoissledovatel'skogo instituta [S. S. Korotkov Psychiatric Clinic of the First Moscow Medical Institute]. Moscow, no. 2, 1967.
- Table of contents translated:
- Banashnikov, V. M. - Study of the effect of psychotropic substances, and the hypothalamohormonal mechanism. p. 8.
- Bartov, M. K., Ouzovitch, I. A. - Experimental and clinical study of the effect of triphenylamine and amine on aggressiveness and excitation. p. 9.
- Beretta, F. B., and others. - Metabolism of biogenic amines, and its changes in hypothalamic lesions during the course of psychotic disorders under the effect of some psychotropic substances. p. 16.
- Borcia, P. D., Sapil'stein, M. I. - Cholinesterase activity and the content of acetylcholine in the blood of patients with psychopathological disorders in the hypothalamic syndrome (before and during treatment with psychotropic substances). p. 27.
- Vain, A. M., and others. - Mechanism of the effect of lesions in lesions of the deep cerebral structures. p. 29.
- Il'ia, V. I. - Clinical and rhesonographic correlations in psychopathological disorders of hypothalamic genesis. p. 48.
- Korotkov, Z. I. A. - Some clinicopathological studies of pathogenic mechanisms of obsessive neurosis, and the characteristics of neurotic substances. p. 63.
- Beretta, F. B. - Role of the hypothalamus in the mechanism of the action of psychotropic substances. In the light of studying psychopathology of the hypothalamic syndrome. p. 61.
- Alifanets, L. Kh., Vukobrat, V. A., Laph, I. D. - Different influences of imipramine and amitriptyline on the effects of acetylcholine and serotonin microinjections into the amygdaloid complex in rats. p. 78.
- Alifanets, L. Kh., Kart, L. M., Melnikova, L. S. - Effect of neuroleptics and antidepressants on behavioral reactions evoked by electric stimulation of limbic cerebral structures. p. 78.
- Borov, I. V. - Effect of psychotropic substances on emotional reactions evoked by electric stimulation of the hypothalamus and central gray substance in rats. p. 87.
- Vedury, P. P. - Neurophysiological analysis of the effect of triphenylamine and antidepressants on motor and electrographic reactions of limbic origin. p. 93.
- Korotkov, Z. I., Pless, D. A. - Role of the hippocampus in the mechanism of antidepressant and inhibiting effect of meprobamate and bromine. p. 96.
- Apra, A. V., Kars, L. E., Melnikova, L. S. - Behavioral reactions evoked by electric stimulation of cerebral structures. p. 104.
- Lapin, I. P., Alifanets, L. Kh. - Hypothesis on the possible role of the amygdaloid complex and hypothalamus under the effect of antidepressants. p. 113.
- Lavrov, P. A., Eskin, V. B. - Distribution of the reinforcing systems of the animal brain under the effect of amphetamine and imipramine. p. 118.
- Orlov, I. V. - Neurophysiological mechanisms of the effect of meprobamate. p. 126.
- Ostrovskaya, R. U., Kirovskaya, G. M. - Microphysiological data on the effect of triphenylamine and sodium hydroxybutyrate on the hippocampus and neocortex. p. 122.
- Polevskiy, L. G. - Effect of neuroleptic substances on provoked aggressiveness in mice based on actions on the role of the limbic system in the regulation of emotional behavior. p. 143.
- Slush, V. B., Lavrov, P. A. - Effect of amphetamine and imipramine on behavioral reactions following electrostimulation of some subcortical formations of the brain in rats. p. 140.

- Sokolova, E. V., Ledovskaya, V. A. - Releasing factors of the hypothalamus and their changes under the effect of some psychotropic substances. p. 158.
- Solov'yevskaya, T. M., and others. - Activity of some structures of the limbic complex, and the mechanisms of the effect of amphetamine and sodium amygdal. p. 160.
- Tolstomskaya, N. S., Gagal, Rybakina, S. V. - Effect of amphetamine and lithium on the reactions of stimulation and withdrawal in excitation of the nuclei of the hypothalamus in rats. p. 174.
- (DNLN)

ВОПРОСЫ МЕДИЦИНСКОЙ ХИМИИ [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravstva Ukrainy [Ministry of Health of the Ukrainian S.S.R.]. Moscow, vol. 14, no. 8, Nov.-Dec. 1968.

- Table of contents translated:
- Kononchuk, V. A., Gerasimov, S. M. - Hypertension and heredity in the light of modern studies on cellular metabolism. p. 258.
- Kalinovskiy, V. P. - Proteins of the gastric juice in patients with cancer and other diseases of the stomach. p. 272.
- Klimenko, V. R., Skolov, L. D., Shapiro, G. A. - Disorders of metabolic metabolism in primary psychosis. p. 277.
- Dobrovolskiy, L. I., Kurkina, D. S. - Chemical composition and toxic properties of scorpion venom obtained from *Bruscia* by means of aqueous-ether extraction. p. 280.
- Imshin, P. M. - Changes in the content of cholesterol, phospholipids, triglycerides, and ketone bodies in the blood under the effect of physical exercise in patients with atherosclerosis. p. 284.
- Malov, G. A., Alifanets, L. M. - Contrasting and sarcoplasmic proteins of the myocardium in rabbits in experimental cardiac trauma, and the effect of natural compounds on them. p. 287.
- Shveta, M. A., Kivakova, K. M. - Oxidative phosphorylation in the brain and liver of unanesthetized animals in hypothermia and at the initial period of self-warming. p. 293.
- Beretta-Beretta, M. I., Zolotareva, G. P. - Antibody-synthesizing function of the liver. p. 299.
- Kharakter, Z. Z. - Action of the redox state preparations on catalytic phosphorus metabolism in the liver and lungs of tuberculosis-infected animals. p. 302.
- Bergov, A. V. - Comparative study of the properties and activity of tetrahydrofolic hydrogens of the liver and spleen in leukemias of viral etiology. p. 308.
- Fitov, M. N. - Metabolic heterogeneity of RNA of human leucocytes. p. 311.
- Shapov, V. S., Vozovitskiy, G. I. - Possible transformation of 5-hydroxymethyl cytosine into cytosine in cancerous cells. p. 313.
- Prorokov, M. S., Solov'yev, T. V., Anisimov, R. I. - Characteristics of γ -aminobutyric acid metabolism in cerebral tumors. p. 318.
- Beretta, M. I., Tselik, L. A., Borko, S. S. - Content of diastase and the activity of thiol and phosphatase-containing enzymes in atherosclerotic myocarditis. p. 323.
- Khodovskaya, E. D., Akopova, Zh. I. - Changes in the activity of phenylalanine hydroxylase in the liver of white rats in their postnatal period. p. 328.
- Shenavskaya, G. V., Vlasova, E. V., Shkarovskaya, S. A. - Obtaining of highly purified preparations of the limbic factor of *Clostridium histolyticum*. p. 332.
- Kral', A. A., Furtseva, L. M. - Methods for the determination of hydroxyproline in biological fluids and their use in clinical practice. p. 334.
- Beretta-Beretta, M. I., Bazarova, M. N., Bulygin, G. K. - Methodology of the determination of leucine aminopeptidase in intestinal juice and intestinal contents. p. 340.
- (Ukrainian Markov Geller) on his 80th birthday. p. 343.
- I. V. Markovskiy on his 80th birthday. p. 344.

g. PUBLIC HEALTH & NURSING

- МЕДИЦИНА И АКУШЕРСТВО** [MEDICINE AND MIDWIFERY]. Issued by Ministerstvo zdravstva Ukrainy [Ministry of Health of the Ukrainian S.S.R.] and Ministry of Health of the U.S.S.R. Moscow, no. 12, 1968.

МОСКОВСКИЙ ЦЕНТРАЛЬНЫЙ НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ДИСПЕНСЕР [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF DISPENSER]. Transcarnolia. No. 18, pt. 1, 1967.

- Table of contents translated:
- Mikheevskiy, E. L., and others. - Effectiveness of the chlorination of water in wells, impoundments, reservoirs, and on self-flowing water pipelines by means of dosing devices. p. 8.
- Sokolova, E. V., Troitskiy, L. I., Rybakina, T. M. - Selection of epidemic conditions of water disinfection by chlorine preparations. p. 9.
- Sokolova, E. V., and others. - Study of the possibilities of water disinfection by the method of filtration through activated carbon cloth containing silver. p. 14.
- Sokolova, E. V., Troitskiy, L. I. - Disinfection of water from the spore forms of bacteria by bactericide ultraviolet rays. p. 24.
- Vashkov, V. I., Prishchep, A. G. - Sterilization by chemical agents. p. 29.
- Iakovina, T. I., Myrdra, L. I., Pavlovskaya, L. G. - Resistance of the virus of canine hepatitis to disinfectants. p. 34.

- Iakovina, T. I., Myrdra, L. I., Shcholina, A. A. - Disinfection in the enclosures during infectious hepatitis. p. 46.
- Evdokimova, M. P., and others. - Study of the epidemiologic effectiveness of final disinfection in form of dysentery. p. 50.
- Bellayev, A. L., Sokolova, E. V. - Survival of adenoviruses in water and disinfection of water which they contaminate. p. 55.
- Lebedeva, M. S., Verkhovskaya, G. P. - Disinfecting properties of chloroacetaldehyde and dichloroacetic acid. p. 60.
- Bogalov, L. M., Poshtolovskiy, L. T. - Toxic substances and microflora of feces during storage. p. 68.
- Bogalov, L. M. - Disinfection of the secretions of patients during intestinal infections in a modernized device. p. 72.
- Vashkov, V. I., Glasberg, R. M. - Disinfection by ultraviolet rays of air inactivated by microorganisms and their spores. p. 76.
- Volkova, A. P., and others. - Toxicological experiments of antimicrobial cellulose fabrics. p. 81.
- Raschkova, N. V. - Efficiency of the aerosols of some foreign preparations as the means of air disinfection. p. 83.
- Dyakonov, I. P. - Treatment of the sterilization condition of catgut by the action of ethylene oxide with methyl bromide. p. 88.
- Vashkov, V. I., and others. - Study of bactericide and sporicidal properties of some isodopans. p. 89.
- Savitskiy, E. K., and others. - Comparative evaluation of the activity of some quaternary ammonium compounds, studying by different methods. p. 91.
- Vashkov, V. I., and others. - Bactericide properties of quaternary ammonium salts with organic anions. p. 95.
- Vashkov, V. I., and others. - Preliminary data on searching for new disinfectants from the group of the surface-active salts of quaternary ammonium bases. p. 100.
- Vashkov, V. I., Orlanov, E. K., Larionov, T. A. - Infectivity caused by the myxomatosis of different objects in animal hospitals. p. 107.
- Kazanskoy, N. A., and others. - Search for the preparations of bactericides action in the series of benzylated phenols. p. 113.
- Belykova, L. A., and others. - Study of the solubility and bactericide activity of 1,3-dichlorobenzene, 1,3-dichloro-5-methoxybenzene and triethoxybenzylamine. p. 121.
- Shcholina, A. V., Polovinskaya, I. A., Shcholina, V. - Study of the resistance of dihydroxyacetone during a prolonged preservation. p. 124.
- Prishchep, A. G. - Problems of disinfection in the German Democratic Republic. p. 128.
- Korotkov, V. V. - Disinfection of lines in washing machines in laundries in hospital and communal laundries. p. 133.
- Osov, I. - Effect of bactericide substances on dehydrogenase activity of *Brucella*, *Dea*, *subtilis* and *M. tuberculosis* at a different temperature. p. 140.
- Vashkov, V. I., Prishchep, A. G., Belykova, L. A. - A trip to Berlin at the Second Symposium on the Problems of Sterilization. p. 144.
- Savitskiy, E. K., and others. - Searching for the disinfectants in the series of organoboron compounds. p. 154.
- Beretta-Beretta, M. I., Shcholina, A. A. - Disinfection during the infections caused by Coxsackie viruses. p. 156.
- Borisevskiy, T. A., and others. - Experiments in the disinfection of industrial premises by the aerosol method. p. 163.
- Kurshakov, M. A., and others. - Use of the wastes of chemical industry as raw material for the synthesis of disinfecting preparations. p. 168.
- Instruction on disinfection in infectious hepatitis (epidemic hepatitis). p. 169.
- Instruction on conducting disinfecting measures during fungus diseases of feet and wrists (epidermophytosis, trichophytosis). p. 181.

h. SURGERY & DENTISTRY

- ХИРУРГИЯ** [SURGERY]. Published by Ministerstvo zdravstva Ukrainy [Ministry of Health of the Ukrainian S.S.R.]. Moscow, vol. 41, no. 6, June 1968. (DNLN)
- КЛИНИЧЕСКАЯ ХИРУРГИЯ** [CLINICAL SURGERY]. Organ of Ministerstvo zdravstva Ukrainy [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 7 (199), July 1963; nos. 2 (200), 7 (271)-10 (274) Feb., July-Oct. 1964; nos. 9 (285)-11 (288), Sep.-Dec. 1965. (DNLN)

ПРОТЕЗНО-ИМПЛАНТАЦИОННЫЕ ПРОСТЕТИКИ И ПРОТЕЗНО-ИМПЛАНТАЦИОННЫЕ ПРОТЕЗЫ [PROSTHETIC AND PROSTHETIC MANUFACTURING]. Issued by Tsentrallyy nauchno-issledovatel'skiy institut protesezov i protesezov [Central Scientific Research Institute of Prosthetics and Prosthetic Manufacturing]. Moscow, no. 8 (36), 1963.

- Table of contents translated:
- Slavutskiy, I. A., Boroditskiy, A. A., Balashov, V. E. - Some physiological materials and prerequisites for

- the development of bioelectric prostheses of the hip. p. 5.
- Belousov, P.I. - Prospects for raising the sensitivity in prostheses application. p. 14.
- Vilkovskaya, A.M., and others. - Anthropometric characteristics of the lower extremities in children regarding the application of prostheses. p. 19.
- Morevits, I.M. - Balancing of prostheses. p. 30.
- Golodov, S.F., Shvinsk, L.D. - Anatomy and biomechanics of a transverse flatfoot. p. 36.
- Zhiltsov, A.M. - Electromyographic studies of the muscles of the leg and foot under different static conditions. p. 42.
- Podkhanova, G.G. - Prostheses application in scoliosis forms of flatfoot. p. 50.
- Belousov, P.I. - Exercise therapy in flatfoot. p. 54.
- Tikhonov, N.T. - Surgical treatment and application of prostheses in pes excavatus. p. 60.
- Epstein, G.G. - Orthopedic footwear in pes excavatus. p. 63.
- Sholman, I.A.D. - Orthopedic footwear for children with pes valgus in polyneuritis. p. 67.
- Smirnov, I.P. - Classification and anatomical-biomechanical substantiation of arthrodesis of the heel joints. p. 73.
- Kovalev, B.I. - Comparative evaluation of the methods of tenotomy for Achilles tendon. p. 79.
- Bolshakov, V.P. - Diseases of the stump of the hip following use of common or vacuum prostheses tract. p. 83.
- Morevits, I.M. - One of the characteristics in the making of prostheses of the hip with a bone attachment in the knee hinge. p. 86.
- Teflo, V.I. - Dimension of allowance in the shaping of the prosthesis of the hip. p. 90.
- Belonid, V.E. - Load and stress distribution in the upper epiphysis of the hip. p. 96.
- Belonid, V.E. - Role of the structural elements of the femoral neck in the mechanism of the transmission of the exertion acting upon the upper epiphysis of the bone. p. 101.
- Belonid, V.E. - Prostheses application in paralysis of the lower extremities following injury of the spinal cord. p. 105.
- Moiseyev, G.I., Korotkiy, V.I., Chernina, M.P. - Methods of studying the pressure of the foot on the footing. p. 124.
- Glazov, O.G., and others. - Technology of the assembly of wooden prostheses of the hip. p. 131.
- Bukharin, L.K., Khaymet, V.L., Baerens, T.P. - Orthopedic footwear following amputation of the foot and middle parts of the foot. p. 136.
- Vasil'eva, K.L. - New construction for a walk as compensation for a short leg. p. 143.
- Sapozhnikov, M.I.A. - Prostheses of the hip with a quadruple knee hinge and a double-bone talocrural hinge. p. 144.
- Sapozhnikov, M.I.A. - Prostheses on bent knee with an active flexure in the knee hinge. p. 146.
- Mikheev, N.G. - Prostheses application in paralysis of the other lower extremity. p. 147.
- Kalin, V.G. - Complex prostheses application in traumatic injuries of the spinal cord. p. 150.
- Serebreny, M.G. - Our experience in the use of free skin grafting with a flap in situ on the stump of the lower extremities. p. 154.
- Spyrik, B.G. - Prostheses application following bilateral flaccid paralysis of the lower extremities. p. 158.
- Belonid, V.E. - Prostheses application to a long stump of the hip. p. 157.
- Lebedev, M.N. - Prostheses application in congenital club foot. p. 160.
- Spyrik, B.G. - Training in a discharge-abduct apparatus following injury of the muscles of the arm and elbow joints due to poliomyelitis. p. 166.
- Kalashnikov, T.S. - Experience in changing from prosthetic to prosthetic appliances. p. 169.
- Glazov, O.G. - Experience in the use of synthetic materials in the construction of prosthetic appliances. p. 171.
- Gol'tsberg, B.B., Pimenov, A.G. - Labor cosmetic covers. p. 173.
- Vetrov, A.A. - Production of covers from cloth and polyamide resins for prosthetic-orthopedic appliances. p. 176.
- Chernina, M.P. - Program of the Scientific Council of the Ministry of Social Security of the U.S.S.R. p. 179.
- Morevits, I.M. - Compound plan of scientific-research structural-experimental work, and introduction of new types of products in the industry in the field of prostheses application and prosthetic construction for 1953-1955. p. 184.

I. VENEREAL DERMATOLOGY

VISTNIK DERMATOLOGII VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREAL DERMATOLOGY]. Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 35, nos. 7, 12, July, Dec. 1951. (DMLM)

16. AGRICULTURE

a. GENERAL

- AGROKHIMIYA [AGROCHEMISTRY]. Issued by Akademiya nauk SSSR and Ministerstvo sel'skogo khozaystva SSSR [Academy of Sciences of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 12, Dec. 1952.
- Table of contents translated:
- Mosyakov, B.A., Slabko, I.U.I. - Utilization of fertilizer nitrogen by soybean at different times of application. p. 3.
- Tsvetkova, L.G. - Effect of nitrogen fertilizer forms on the development, yield, and quality of winter wheat and corn in the southern steppes of the Ukrainian S.S.R. p. 10.
- Voril, S.A., Shchepa, P.A., Belikov, A.M. - Significance of fertilizers in increasing yield and in improving the biochemical and baking properties of the grain of irrigated winter wheat in the soils of the Southern Ukraine. p. 13.
- Lagun, S.T. - Duration of fertilizer residual effect on leached Chernozems and its connection with system of crop rotation. p. 20.
- Mezharikov, A.M. - Effectiveness of deep embedding of fertilizers during top-dressing of cotton at the initial phase of flowering. p. 27.
- Gromov, R.K., Ismailov, K.I. - Effectiveness of the forms of phosphorus fertilizers under action in the Mj-Karabakh zone of Azerbaijan. p. 44.
- Belikov, S.I. - Using liquid manure on soddy-podzolic leamy soils of White Russia. p. 61.
- Al'mharov, M.G. - Effect of magnesium and calcium on physiological-biochemical characters, yield, and quality of sugar beet in Poland. p. 60.
- Belikov, G.M. - Agrochemical evaluation of alimes as magnesium manure waste. p. 63.
- Mikheevskiy, Zdenek, L.S. - Effect of mineral nutrition and water economy on the growth and development of the corn hybrid Desprotoprovskiy 98 and its parent breeds. p. 73.
- Kobak, V.I., Belonid, M.A., Litya, V.G. - Effectiveness of trace elements in Chernozem soils in their ground application under sugar beet. p. 80.
- Ostov, V.P., Ostov, L.P. - Effect of molybdenum and boron on pea's yield and quality in the leached Chernozem of the Orel region. p. 86.
- Nesher, I.A., Morozov, L. - Effectiveness of chlorokalcine chloride as a fertilizer. p. 91.
- Artemov, K.I. - Determination of nonexchangeable potassium in soil by means of sodium tetraphenyl borate. p. 97.
- Tikhonova, V.I.A. - Effect of ammonium nitrate on nitrifying capacity of soddy-podzolic soil. p. 103.
- Milova, M.G. - Comparative productivity of food root crops as dependent on fertilizer. p. 106.
- Babitskiy, L.I., Moschkin, M.I. - Nitrogen accumulation by mulberry at the high-moisture in the Carpathian Ukraine. p. 110.
- Volkova, V.D. - Effect of trace elements of the core in Chernozem of the Zagoronskye. p. 118.
- Archevova, I.B., Dolgova, K.M. - Some agrochemical characteristics of soils on grassed districts in the Voronezh region. p. 118.
- Fedorova, L.L. - Herbicide action of sodium trichloroacetate and dactopon on agropyron repens in the Murmansk region. p. 118.
- Volkova, G.K. - Physiological role of magnesium in plants. p. 121.
- Iyer, M.M. - Methodological Conference of the participants in the geographic network of experiments with mineral fertilizers. p. 122.

- GORKI (MOSEVSKAYA OBLAST') BELARUSKAYA AKADEMIA SEL'SKOE HOZAYSTVO Trudy [WHITE RUSSIAN ACADEMY OF AGRICULTURE, Transactions]. Vol. 14, 1952. Increasing the effectiveness of the use of machinery in agricultural production.
- Table of contents translated:
- Sokolov, G.P., Morik, B.A. - Substitution of the technology and machine systems for cultivating and harvesting potatoes. p. 3.
- Kozlov, K.M. - Some aspects of the structure and kinematics of mounted systems with automatic devices for the maintenance of a given soil tillage depth. p. 16.
- Kritov, A.Y. - Interaction of the plow body with the soil. p. 23.
- Va'shchikov, K. - Kinematics of the operating elements of a rotary tiller with sides of the tiller drawn at an acute angle to the movement direction of the tiller. p. 26.
- Goritskiy, M.I. - Increasing the evenness of fertilizer distribution by a mixture spreader. p. 34.
- Zakharov, M.V., Koshchikov, V.K. - Use of radioactive labeling for evaluating the evenness of distribution of tubers in rows while planting potatoes. p. 41.
- Koshchikov, V.K. - Mathematical and statistical characteristics of the evenness of seed distribution in sowing. p. 47.
- Koshchikov, V.K. - Study of the dimensional characteristics of fodder beet seeds. p. 53.

- Koslovskiy, P.I. - Refitting the STON-8 square root sower for single-seed sowing of corn. p. 61.
- Slabko, A.M. - Movement of the disc harrow opens of a grain sower in a soil layer. p. 66.
- Kalharov, N.V. - Effect of the construction of the plowshare on the evenness of distribution of tubers in rows during potato planting. p. 73.
- Baranov, A.S. - Study of the dynamics of the tractive resistance of agricultural machines. p. 84.
- Novik, B.A. - Increasing the working speed of units for interrow tillage potatoes. p. 85.
- Chelobits, N.V. - Movement of rotary star wheels in a soil layer. p. 96.
- Balobayev, V.M. - Some results of laboratory and field studies of a two-blade cutterbar with a guard. p. 109.
- Lysenko, V.I. - Results of study of some parameters of a reel for lupine harvesting. p. 117.
- Goritskiy, M.I. - Study of weighing devices for small single-phase agricultural products. p. 124.
- Koslovskiy, P.I., Zharovskiy, M.A. - Stand for testing wheeled tractors. p. 133.
- Zharovskiy, M.A. - Reduced moment of inertia of the MTF-60 tractor. p. 138.
- Ayvalumskiy, V.S., Babakov, S.P. - A new method for calculating flywheel mass. p. 140.
- Turnerova, A.M. - Rational expression of resulting moments from inertia forces of the first and second order in multicycler in-line engines. p. 152.
- Adreyskiy, A.P. - Monogram for determining the basic indices of engines during steel break tests. p. 160.
- Samolov, V.K. - Results of observations of water temperature in the cooling systems of diesel tractor engines under operational conditions. p. 169.
- Morozov, P.A. - Dependence of the depth of the grasp of the loading wheels of a self-propelled chassis on the speed of movement. p. 173.
- Kirichenkov, D.A. - Stability of straight line movement of a wheeled tractor unit. p. 178.
- Martynovskiy, P.N. - Basis of the design of the maneuverability of a tractor. p. 179.
- Kononov, A.M., Gurbar, V.A. - Effect of soil compaction on seed germination in the vegetation root of study. p. 184.
- Tsvetkov, E.G. - A combined instrument for studying soil adhesion. p. 193.
- Abramov, I.M. - Reestablishment of the working relationship of the basic mechanisms of an engine on the basis of stable technological schemes with any structural arrangement of repair dimensions. p. 199.
- Adreyskiy, A.P. - Automation of the hydro-injection of repaired tractor engines. p. 211.
- Abramov, I.M., Trifonov, M.P. - Effect of seal wear on the tightness of the fit of the welded bushings. p. 215.
- Kulibek, V.A. - Change in the performance parameter of the lubrication system of the D-50 engine under operational conditions. p. 223.
- Blodkin, L.T. - Some results of the study of the hydrodynamic density of pressure valves taken from fuel pumps and subjected to repair. p. 231.
- Zakov, N.S. - Minimum assembly schemes for the pistons of a gear change unit. p. 239.
- Vo van Toan. - Methodology of estimating the deformation degree arising during automatic bending, and flux, of separate worn sections of simple cylindrical parts. p. 249.
- Gaidukov, A.M. - Production studies of the wear resistance of the roller bearings of the DT-54 tractor, reconditioned by automatic bending under a flux layer, and with the installation of a new rim. p. 260.
- Popov, G.A. - Study of the degree and character of wear in tractor engine parts. p. 261.
- Artemov, K.I. - Effect of movement speed on the coefficient of friction between steel and soil. p. 271.
- Burak, V.I., Shilov, M.A. - Effect of the rate of destruction and alloying on the inclination of iron to brittle destruction. p. 280.
- Pogoda, M.Y. - Basic statistical characteristics and surface wear distribution curves of fitting openings in the body of the DT-54A tractor gear change box, undergoing major overhaul. p. 284.

KHILIBOB UKRAINY [THE FARMER OF THE UKRAINE]. Issued by Ministerstvo vyrobytstva i sakhovstva sel'skogo khozaystva Ukrainy [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.]. Kiev, no. 12, 1952.

KHIMIK. Sel'skokhozyaystvennyy institut im. M.V. FRUMK. Trudy [M.V. FRUMK AGRICULTURAL INSTITUTE, Transactions]. Kharkov, vol. 37, 1952, no. 46, 1952.

KREST'YANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 1, Jan. 1952.

B 114

- the growth, development and yield of corn in the steppe part of the right bank of the Don River p. 365.
- Krasova, V. M. - Aspects of the determination of suspended material in water. p. 441.
- Krasova, M. G. - Effect of grassy plants on the germination of the seeds of coniferous species p. 408.
- Lianobroshch, E. Kh. - Calculation of the coefficient of removal of nitrogen and ash elements by different species of trees. p. 411.
- Khivitskii, L. N. - Soils of the Prykarpattia Range of the Carpathian Mountains and their forest-plant properties. p. 417.
- Khivitskii, L. N. - Highly productive plantations of larch in the Ukrainian Carpathian Mountains. p. 423.
- Korotkova, S. A. - Dynamics of trunk shoots of the pine depending on age and height. p. 433.
- Ovstina, G. F. - Dynamics of the area under Bashkir's larch in Bashkiria. p. 434.
- Klechkovskii, V. M. - Induced electron conditions and periodicity in electron systems. p. 447.
- Gornitskii, V. A. - Kinetics and limits of the use of the statistical method of determination of the ion exchange constants. p. 444.
- Brusilov, V. L. - Change in the overlap system in the M-1308 mass-spectrometer. p. 448.
- Mestrov, V. G., Mikhalev, L. V. - Continuous measurement of leaf moisture by the bismuth method. p. 445.
- Mestrov, V. G. - Formulation of problems in biocology. p. 454.
- No. 136, 1964. Agrochemistry, plant physiology and soil science.
- Table of contents translated
- Kavich, V. L., and others. - Effect of temperature on the absorption of cations by the soil. p. 8.
- Pechenova, S. A. - Dynamics of the group composition of phosphates in the floodplain soils of the Dnieper valley widening of the Mokra River. p. 11.
- Kozlov, M. N. - Effect of temperature on the absorption of oxygen and generation of carbon dioxide by the soil. p. 19.
- Kabanovskii, A. D., Kuznetsov, A. V. - Revelling as an index of the genetic properties of residualy calcareous Podzolic soils. p. 23.
- Korotkova, S. A. - Change in the physicochemical properties of Solonchaks soils during biological amelioration. p. 35.
- Mgoyan, V. L. - Oxidation-reduction conditions of soils of different moisture. p. 37.
- Abrosimova, L. S. - Significance of the relationship between potassium and calcium in a culture medium for raising tomatoes by the hydroponic method. p. 43.
- Golod, B. I. - Effect and aftereffect of straw on the yield of leguminous and grain crops. p. 49.
- Mestrov, V. G., Kuznetsov, E. V. - Anisocorrelational analysis of the daily change in biocorrelational potential of tomatoes and of some climatic factors. p. 64.
- Parfokin, L. A., Rozov, I. M. - Dependence of the bioelectric potentials of wheat and bean roots on the interrelationship between potassium and sodium in the nutritive solution. p. 62.
- Kristobachko, V. P., Stetsko, A. A. - Changes in the protein fraction content in rye grains, obtained by chromatography on triethylammoniumcellulose during its dormancy periods. p. 66.
- Budilovich, S. D. - Effect of cytoplasmic inheritance on rhizosphere and root microorganisms of corn and on soil microflora. p. 75.
- Goporkhina, M. L. - Effect of available aluminum on the development and nitrogen-fixing activity of Beijerinckia. p. 81.
- Korynev, M. A. - Dynamics of quantity of iron-reducing microorganisms in soils of the taiga-forest zone. p. 87.
- Mestrov, V. G., Korotkova, S. A. - Aspects of the study of the formation of the warty trunk of the pine tree. p. 93.
- Khivitskii, L. N. - Optimization of the species composition of forests in the Prykarpattia Range in the Carpathian Mountains. p. 90.
- Khivitskii, E. M. - Larch in Bashkiria. p. 111.

BAROONNYI UNIVERSITET: SSSR (USSR) UNIVERSITY: Faculty of Agriculture, Moscow, nos. 11-13, 1964.

NOVORUSSKIY NAUKA, TEKHNIKA. Series "Bel'skoe khoshaistvo" [NEWS ABOUT LIFE, SCIENCE, TECHNOLOGY. "Agriculture" Series]. Moscow, no. 6, 1964.

QAZAQSTAN AYL SHARHASYLYTOHY [AGRICULTURE OF KAZAKHSTAN]. Alma-Ata, no. 13, Dec. 1964. [In Kazakh]

SBORNIK TRUDOV PO AGRONOMICHESKOY FIZIKE [PAPERS ON AGRICULTURAL PHYSICS]. Issued by Agrophysical Research Institute (Agrophysical Scientific Research Institute). Moscow, no. 14, 1967. Physics of the soil and methods of its tillage.

- Table of contents translated:
- Ilyashovich, G. I., Langarsky, V. A. - Study of nonlinear equations of moisture transfer. p. 8.
- Ilyashovich, G. I., Langarsky, V. A., Pologina, N. V. - Solving nonlinear equations of moisture transfer by the method of differences. p. 13.
- Bondarenko, M. F. - Effects of traces of displacement stability of a liquid on its movement in an unsaturated medium. p. 24.
- Bondarenko, M. F. - Study of the filtration anomalies of liquids. p. 33.
- Bondarenko, M. F., Mersis, S. V., Palatnik, S. M. - Transfer of moisture to the evaporation front in a strongly nonstationary process. p. 59.
- Bondarenko, M. F., Palatnik, S. M. - Effectiveness of nonstationary surface-active substances as depressants of physical evaporation from the soil. p. 68.
- Globus, A. M. - Comparative study of the heat transfer of some substances in porous ceramic model systems. p. 41.
- Maksimov, B. N., Lyayev, I. A. - Water holding capacity of dispersed systems. p. 54.
- Aron, P. L., Bekhtinov, M. A. - Theory of the movement of liquid in capillaries during evaporation from the surface of a membrane. p. 64.
- Rozovskiy, I. U., Samoilov, M. G. - Methods and devices for automatic measurement of the hydrometeorological indices of drying. p. 71.
- Kaprov, M. A., Samoilov, M. G. - Evaluation of the economic of the immediate determination of the thermal balance components of the underlying surface. p. 77.
- Shcheglov, M. G. - Study of the drying criteria for the evaluation of water reserves and water demands of agricultural crops. p. 84.
- Maksimov, B. N., Mersis, S. V. - Adherence mechanism of moistened dispersed materials to hard surfaces. p. 97.
- Bavsk, I. B. - Device for the study of the water resistance of soil microstructures. p. 107.
- Rozovskiy, I. A. - Method for determining the conditional and unconditional water resistance of soil aggregates. p. 113.
- Vladimirov, V. M. - Acoustic method of soil degassing while determining the specific gravity. p. 118.
- Volkova, V. I. A. - Study of the interaction of polymers with soil particles in typical Macromers. p. 123.
- Solov'yevskiy, M. A. - Effect of the density of the soil on the distribution of pores according to size and on the hydrophysical properties. p. 136.
- Abrosimova, L. M., Bavsk, I. B. - Effect of the transparency of the covering on the quantity of weed sprouts. p. 144.
- Bavsk, I. B., Chibrikov, S. A. - Biological activity and fertility of the light-loamy Chernozem-meadow soils of the Dnieper Valley. p. 153.
- Bavsk, I. B., Kozlov, L. D. - Rototiller cultivation of the soil and its effect on biological activity. p. 164.
- Kozlov, I. A. - Effect of exchange cations on the aggregate and microaggregate composition of soils during artificial restructuring. p. 179.
- Krasovskiy, M. L., Zakharov, M. G. - Experiences in raising vegetable cultures in porous clay filler beds with industrial heating. p. 184.
- Krasovskiy, A., Zakharov, M. G. - Study of the effect of soil density on its fertility and quantity of unavailable moisture in it. p. 183.
- Aliev, R. B., Bondarenko, M. F., Globus, A. M. - Some aspects of the electrical reclamation of saline soils. p. 204.

SEL'KHIZ MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 1, Jan. 1964.

SEL'KHIZ KHOSHAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by Tsentral'nyi Komitet Komsomolskikh parti Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 13, Dec. 1963.

SEL'KHIZ KHOSHAISTVO MOLDAVIY [AGRICULTURE OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khozaystva Moldavskoy SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 13, no. 11, Nov. 1964.

SEL'KHOSHOZHAYSTVENNAYA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by Tsentral'naya nauchnaya sel'khozkhoshozhaystvennaya biblioteka [Central Agricultural Library]. Moscow, nos. 10, 11, 1964.

SOTSIALISTIK POLLOMAJAMUNDI [SOCIALIST AGRICULTURE]. Issued by Rossiyskoye Vsesoyuznoye Ministerstvo [Ministry of Agriculture of the U.S.S.R.]. Tallinn, vol. 13, nos. 12-14, Dec. 1964. [In Estonian]

VELIKOLUKSKII SEL'KHOSHOZHAYSTVENNYI INSTITUT, Trudy Instituta [VELIKOLUKSKII AGRICULTURAL INSTITUTE. Transactions of the Institute]. Velikoluksk, no. 7, 1967.

- Table of contents translated
- Yevdokimova, P. A. - Some aspects of the struggle (on peace and war). p. 8.
- Dorofeev, K. P. - Material stimulation of egg production. p. 28.
- Harasovskaya, A. M. - Correcting some errors in the means to increase the growth of the piglets. p. 33.
- Kondrashev, A. F. - Improvement in piglets. p. 34.
- Antonova, Z. D. - Strengthening of the piglets in the Province by guiding (advice) after September 1963) 1964) 1965) 1966) 1967) 1968) 1969) 1970) 1971) 1972) 1973) 1974) 1975) 1976) 1977) 1978) 1979) 1980) 1981) 1982) 1983) 1984) 1985) 1986) 1987) 1988) 1989) 1990) 1991) 1992) 1993) 1994) 1995) 1996) 1997) 1998) 1999) 2000) 2001) 2002) 2003) 2004) 2005) 2006) 2007) 2008) 2009) 2010) 2011) 2012) 2013) 2014) 2015) 2016) 2017) 2018) 2019) 2020) 2021) 2022) 2023) 2024) 2025) 2026) 2027) 2028) 2029) 2030) 2031) 2032) 2033) 2034) 2035) 2036) 2037) 2038) 2039) 2040) 2041) 2042) 2043) 2044) 2045) 2046) 2047) 2048) 2049) 2050) 2051) 2052) 2053) 2054) 2055) 2056) 2057) 2058) 2059) 2060) 2061) 2062) 2063) 2064) 2065) 2066) 2067) 2068) 2069) 2070) 2071) 2072) 2073) 2074) 2075) 2076) 2077) 2078) 2079) 2080) 2081) 2082) 2083) 2084) 2085) 2086) 2087) 2088) 2089) 2090) 2091) 2092) 2093) 2094) 2095) 2096) 2097) 2098) 2099) 2100) 2101) 2102) 2103) 2104) 2105) 2106) 2107) 2108) 2109) 2110) 2111) 2112) 2113) 2114) 2115) 2116) 2117) 2118) 2119) 2120) 2121) 2122) 2123) 2124) 2125) 2126) 2127) 2128) 2129) 2130) 2131) 2132) 2133) 2134) 2135) 2136) 2137) 2138) 2139) 2140) 2141) 2142) 2143) 2144) 2145) 2146) 2147) 2148) 2149) 2150) 2151) 2152) 2153) 2154) 2155) 2156) 2157) 2158) 2159) 2160) 2161) 2162) 2163) 2164) 2165) 2166) 2167) 2168) 2169) 2170) 2171) 2172) 2173) 2174) 2175) 2176) 2177) 2178) 2179) 2180) 2181) 2182) 2183) 2184) 2185) 2186) 2187) 2188) 2189) 2190) 2191) 2192) 2193) 2194) 2195) 2196) 2197) 2198) 2199) 2200) 2201) 2202) 2203) 2204) 2205) 2206) 2207) 2208) 2209) 2210) 2211) 2212) 2213) 2214) 2215) 2216) 2217) 2218) 2219) 2220) 2221) 2222) 2223) 2224) 2225) 2226) 2227) 2228) 2229) 2230) 2231) 2232) 2233) 2234) 2235) 2236) 2237) 2238) 2239) 2240) 2241) 2242) 2243) 2244) 2245) 2246) 2247) 2248) 2249) 2250) 2251) 2252) 2253) 2254) 2255) 2256) 2257) 2258) 2259) 2260) 2261) 2262) 2263) 2264) 2265) 2266) 2267) 2268) 2269) 2270) 2271) 2272) 2273) 2274) 2275) 2276) 2277) 2278) 2279) 2280) 2281) 2282) 2283) 2284) 2285) 2286) 2287) 2288) 2289) 2290) 2291) 2292) 2293) 2294) 2295) 2296) 2297) 2298) 2299) 2300) 2301) 2302) 2303) 2304) 2305) 2306) 2307) 2308) 2309) 2310) 2311) 2312) 2313) 2314) 2315) 2316) 2317) 2318) 2319) 2320) 2321) 2322) 2323) 2324) 2325) 2326) 2327) 2328) 2329) 2330) 2331) 2332) 2333) 2334) 2335) 2336) 2337) 2338) 2339) 2340) 2341) 2342) 2343) 2344) 2345) 2346) 2347) 2348) 2349) 2350) 2351) 2352) 2353) 2354) 2355) 2356) 2357) 2358) 2359) 2360) 2361) 2362) 2363) 2364) 2365) 2366) 2367) 2368) 2369) 2370) 2371) 2372) 2373) 2374) 2375) 2376) 2377) 2378) 2379) 2380) 2381) 2382) 2383) 2384) 2385) 2386) 2387) 2388) 2389) 2390) 2391) 2392) 2393) 2394) 2395) 2396) 2397) 2398) 2399) 2400) 2401) 2402) 2403) 2404) 2405) 2406) 2407) 2408) 2409) 2410) 2411) 2412) 2413) 2414) 2415) 2416) 2417) 2418) 2419) 2420) 2421) 2422) 2423) 2424) 2425) 2426) 2427) 2428) 2429) 2430) 2431) 2432) 2433) 2434) 2435) 2436) 2437) 2438) 2439) 2440) 2441) 2442) 2443) 2444) 2445) 2446) 2447) 2448) 2449) 2450) 2451) 2452) 2453) 2454) 2455) 2456) 2457) 2458) 2459) 2460) 2461) 2462) 2463) 2464) 2465) 2466) 2467) 2468) 2469) 2470) 2471) 2472) 2473) 2474) 2475) 2476) 2477) 2478) 2479) 2480) 2481) 2482) 2483) 2484) 2485) 2486) 2487) 2488) 2489) 2490) 2491) 2492) 2493) 2494) 2495) 2496) 2497) 2498) 2499) 2500) 2501) 2502) 2503) 2504) 2505) 2506) 2507) 2508) 2509) 2510) 2511) 2512) 2513) 2514) 2515) 2516) 2517) 2518) 2519) 2520) 2521) 2522) 2523) 2524) 2525) 2526) 2527) 2528) 2529) 2530) 2531) 2532) 2533) 2534) 2535) 2536) 2537) 2538) 2539) 2540) 2541) 2542) 2543) 2544) 2545) 2546) 2547) 2548) 2549) 2550) 2551) 2552) 2553) 2554) 2555) 2556) 2557) 2558) 2559) 2560) 2561) 2562) 2563) 2564) 2565) 2566) 2567) 2568) 2569) 2570) 2571) 2572) 2573) 2574) 2575) 2576) 2577) 2578) 2579) 2580) 2581) 2582) 2583) 2584) 2585) 2586) 2587) 2588) 2589) 2590) 2591) 2592) 2593) 2594) 2595) 2596) 2597) 2598) 2599) 2600) 2601) 2602) 2603) 2604) 2605) 2606) 2607) 2608) 2609) 2610) 2611) 2612) 2613) 2614) 2615) 2616) 2617) 2618) 2619) 2620) 2621) 2622) 2623) 2624) 2625) 2626) 2627) 2628) 2629) 2630) 2631) 2632) 2633) 2634) 2635) 2636) 2637) 2638) 2639) 2640) 2641) 2642) 2643) 2644) 2645) 2646) 2647) 2648) 2649) 2650) 2651) 2652) 2653) 2654) 2655) 2656) 2657) 2658) 2659) 2660) 2661) 2662) 2663) 2664) 2665) 2666) 2667) 2668) 2669) 2670) 2671) 2672) 2673) 2674) 2675) 2676) 2677) 2678) 2679) 2680) 2681) 2682) 2683) 2684) 2685) 2686) 2687) 2688) 2689) 2690) 2691) 2692) 2693) 2694) 2695) 2696) 2697) 2698) 2699) 2700) 2701) 2702) 2703) 2704) 2705) 2706) 2707) 2708) 2709) 2710) 2711) 2712) 2713) 2714) 2715) 2716) 2717) 2718) 2719) 2720) 2721) 2722) 2723) 2724) 2725) 2726) 2727) 2728) 2729) 2730) 2731) 2732) 2733) 2734) 2735) 2736) 2737) 2738) 2739) 2740) 2741) 2742) 2743) 2744) 2745) 2746) 2747) 2748) 2749) 2750) 2751) 2752) 2753) 2754) 2755) 2756) 2757) 2758) 2759) 2760) 2761) 2762) 2763) 2764) 2765) 2766) 2767) 2768) 2769) 2770) 2771) 2772) 2773) 2774) 2775) 2776) 2777) 2778) 2779) 2780) 2781) 2782) 2783) 2784) 2785) 2786) 2787) 2788) 2789) 2790) 2791) 2792) 2793) 2794) 2795) 2796) 2797) 2798) 2799) 2800) 2801) 2802) 2803) 2804) 2805) 2806) 2807) 2808) 2809) 2810) 2811) 2812) 2813) 2814) 2815) 2816) 2817) 2818) 2819) 2820) 2821) 2822) 2823) 2824) 2825) 2826) 2827) 2828) 2829) 2830) 2831) 2832) 2833) 2834) 2835) 2836) 2837) 2838) 2839) 2840) 2841) 2842) 2843) 2844) 2845) 2846) 2847) 2848) 2849) 2850) 2851) 2852) 2853) 2854) 2855) 2856) 2857) 2858) 2859) 2860) 2861) 2862) 2863) 2864) 2865) 2866) 2867) 2868) 2869) 2870) 2871) 2872) 2873) 2874) 2875) 2876) 2877) 2878) 2879) 2880) 2881) 2882) 2883) 2884) 2885) 2886) 2887) 2888) 2889) 2890) 2891) 2892) 2893) 2894) 2895) 2896) 2897) 2898) 2899) 2900) 2901) 2902) 2903) 2904) 2905) 2906) 2907) 2908) 2909) 2910) 2911) 2912) 2913) 2914) 2915) 2916) 2917) 2918) 2919) 2920) 2921) 2922) 2923) 2924) 2925) 2926) 2927) 2928) 2929) 2930) 2931) 2932) 2933) 2934) 2935) 2936) 2937) 2938) 2939) 2940) 2941) 2942) 2943) 2944) 2945) 2946) 2947) 2948) 2949) 2950) 2951) 2952) 2953) 2954) 2955) 2956) 2957) 2958) 2959) 2960) 2961) 2962) 2963) 2964) 2965) 2966) 2967) 2968) 2969) 2970) 2971) 2972) 2973) 2974) 2975) 2976) 2977) 2978) 2979) 2980) 2981) 2982) 2983) 2984) 2985) 2986) 2987) 2988) 2989) 2990) 2991) 2992) 2993) 2994) 2995) 2996) 2997) 2998) 2999) 3000) 3001) 3002) 3003) 3004) 3005) 3006) 3007) 3008) 3009) 3010) 3011) 3012) 3013) 3014) 3015) 3016) 3017) 3018) 3019) 3020) 3021) 3022) 3023) 3024) 3025) 3026) 3027) 3028) 3029) 3030) 3031) 3032) 3033) 3034) 3035) 3036) 3037) 3038) 3039) 3040) 3041) 3042) 3043) 3044) 3045) 3046) 3047) 3048) 3049) 3050) 3051) 3052) 3053) 3054) 3055) 3056) 3057) 3058) 3059) 3060) 3061) 3062) 3063) 3064) 3065) 3066) 3067) 3068) 3069) 3070) 3071) 3072) 3073) 3074) 3075) 3076) 3077) 3078) 3079) 3080) 3081) 3082) 3083) 3084) 3085) 3086) 3087) 3088) 3089) 3090) 3091) 3092) 3093) 3094) 3095) 3096) 3097) 3098) 3099) 3100) 3101) 3102) 3103) 3104) 3105) 3106) 3107) 3108) 3109) 3110) 3111) 3112) 3113) 3114) 3115) 3116) 3117) 3118) 3119) 3120) 3121) 3122) 3123) 3124) 3125) 3126) 3127) 3128) 3129) 3130) 3131) 3132) 3133) 3134) 3135) 3136) 3137) 3138) 3139) 3140) 3141) 3142) 3143) 3144) 3145) 3146) 3147) 3148) 3149) 3150) 3151) 3152) 3153) 3154) 3155) 3156) 3157) 3158) 3159) 3160) 3161) 3162) 3163) 3164) 3165) 3166) 3167) 3168) 3169) 3170) 3171) 3172) 3173) 3174) 3175) 3176) 3177) 3178) 3179) 3180) 3181) 3182) 3183) 3184) 3185) 3186) 3187) 3188) 3189) 3190) 3191) 3192) 3193) 3194) 3195) 3196) 3197) 3198) 3199) 3200) 3201) 3202) 3203) 3204) 3205) 3206) 3207) 3208) 3209) 3210) 3211) 3212) 3213) 3214) 3215) 3216) 3217) 3218) 3219) 3220) 3221) 3222) 3223) 3224) 3225) 3226) 3227) 3228) 3229) 3230) 3231) 3232) 3233) 3234) 3235) 3236) 3237) 3238) 3239) 3240) 3241) 3242) 3243) 3244) 3245) 3246) 3247) 3248) 3249) 3250) 3251) 3252) 3253) 3254) 3255) 3256) 3257) 3258) 3259) 3260) 3261) 3262) 3263) 3264) 3265) 3266) 3267) 3268) 3269) 3270) 3271) 3272) 3273) 3274) 3275) 3276) 3277) 3278) 3279) 3280) 3281) 3282) 3283) 3284) 3285) 3286) 3287) 3288) 3289) 3290) 3291) 3292) 3293) 3294) 3295) 3296) 3297) 3298) 3299) 3300) 3301) 3302) 3303) 3304) 3305) 3306) 3307) 3308) 3309) 3310) 3311) 3312) 3313) 3314) 3315) 3316) 3317) 3318) 3319) 3320) 3321) 3322) 3323) 3324) 3325) 3326) 3327) 3328) 3329) 3330) 3331) 3332) 3333) 3334) 3335) 3336) 3337) 3338) 3339) 3340) 3341) 3342) 3343) 3344) 3345) 3346) 3347) 3348) 3349) 3350) 3351) 3352) 3353) 3354) 3355) 3356) 3357) 3358) 3359) 3360) 3361) 3362) 3363) 3364) 3365) 3366) 3367) 3368) 3369) 3370) 3371) 3372) 3373) 3374) 3375) 3376) 3377) 3378) 3379) 3380) 3381) 3382) 3383) 3384) 3385) 3386) 3387) 3388) 3389) 3390) 3391) 3392) 3393) 3394) 3395) 3396) 3397) 3398) 3399) 3400) 3401) 3402) 3403) 3404) 3405) 3406) 3407) 3408) 3409) 3410) 3411) 3412) 3413) 3414) 3415) 3416) 3417) 3418) 3419) 3420) 3421) 3422) 3423) 3424) 3425)

- approximating the tubular value of the volume of round timber. p. 86.
- Dostrov, A. P. - Selection of the optimum length of under and bottom reinforcement of timber floating dams. p. 83.
- Purov, M. M. - Theoretical fundamentals of the steady stream course of a stream of water in a natural stream bed with floating bundles of logs. p. 101.
- MOSCOW, LESETEKHNIKHESKII INSTITUT, Sbornik rabot [FORESTRY AND LUMBERING INSTITUTE, Papers], No. 18, 1967, Machine and mechanisms for lumber production.**
- Table of contents translated:
- Karimskii, E. I. - Evaluation of the effectiveness of the action of vibration on the settling of filling material. p. 8.
- Andronov, V. V. - Static and vibrational introduction of the deformer into occupied friable material. p. 23.
- Stepanov, K. V. - Study of the static resistance of caterpillar loaders. p. 43.
- Stepanov, K. V. - Study of the dynamic resistance of timber loaders. p. 60.
- Oborov, M. I. A. - Experimental study of the process of power cutting of tree limbs on the cutting field. p. 73.
- Belikov, V. A. - Some aspects of plunger theory. p. 100.
- Aspyrskii, A. S. - Replacement of the oblongated surface of a curved beak with a circular torus surface in determining bending loads. p. 172.
- Alakseev, A. P. - Results of study of electric flywheel drives in brushwood cutting. p. 187.
- Belomov, B. A. - Expediency of laying heavy rails on narrow gauge railways. p. 212.
- Bardakov, A. M. - Some applications of the iteration construction method in determining the geometric pattern of an electrostatic field. p. 228.
- Ivanov, G. S. - Some structural problems of a central quadratic transformation of a straight line. p. 233.
- Ivanov, R. P. - Effect of vibration on the noise level of disc axes. p. 260.
- Romanenko, P. M., Kibere, V. X. - Effect of drawing off the air from the boundary layer on friction and heat exchange. p. 270.

2. PLANT CULTURE

- RASTENIEVOODSTVO [PLANT GROWING],** issued by Ministerstvo sel'skogo khozaistva USSR [Ministry of Agriculture of the Ukrainian SSR], Kiev, no. 3, 1968.
- Table of contents translated:
- Corodell, M. G., Shestov, M. V., Khoshchinskii, P. P. - Methods for raising polytypic sugar beets. p. 3.
- Prichodko, P. M. - Productivity of sugar beets in different methods of raising and thicknesses of planting under irrigation. p. 9.
- Priglo, V. V., Lyubsk, V. M. - Results of research on the increase of productivity and sugar content of Rasmontska 48 sort of sugar beets grown in the Ukrainian steppe. p. 12.
- Prichodko, P. M., Chikhovskii, G. F. - Sowing norms for single seed sugar beets in the steppe zone of the Ukrainian S. S. R. p. 16.
- Barog, G. P. - Mechanized regulation of sugar beet planting thickness in Western Ukraine. p. 21.
- Priglo, V. V., Lyubsk, V. M. - Results of the comparative study of single and multiple seed sugar beets in square-pick and square cultivation. p. 27.
- Porny, F. V. - Aspects of the non-transplanting method of sugar beet raising for seed in the western regions of the Ukraine. p. 33.
- Corodell, M. G., Fedorova, L. V. - Sowing periods, nutritional area and fertilizers for sunflowers grown in the northern forest-steppe zone of the right bank Ukraine. p. 40.
- Portashko, Z. R., Likhovlev, I. P. - Spring preserving (tiling) of fall-plowed fields in connection with sunflower sowing periods in the eastern steppe regions of the Ukraine. p. 46.
- Shukov, A. I., Smachenko, G. I. - Effect of soil moisture and mineral fertilizers on the content and yield of hemp fiber. p. 67.
- Katkov, I. I. - Effect of mineral fertilizers on the yield of promising sorts of hemp. p. 68.
- Demich, A. P., Shepanov, G. S. - Effect of the harvest period of young hemp on the fiber yield and quality. p. 66.
- Demich, A. P. - Meteorological conditions of the vegetative period and yield of hemp. p. 73.
- Loseva, X. E. - Effect of the duration of daily illumination on the monoestrous in monoestrous beap. p. 75.
- Migul, N. D. - Morphological and physiological features of the pollen of monoestrous and dioecious hemp. p. 83.
- Shest, K. P. - Effect of seed size on the yield and quality of fiber flax. p. 90.
- Ponatsko, L. D. - Effect of the means of controlling soil crust on the thickness and evenness of fiber flax plant stands. p. 97.
- Ponatsko, L. D. - Fiber flax sowing periods in the western Polysye of the Ukrainian S. S. R. p. 103.

- Mashakov, V. I. - Aspects of the structure of the root system in different sorts of aromatic oil producing roses. p. 110.
- Parapchikov, M. P. - Experience in raising Osmunda gradistans L. in the forest steppe zone of the Ukraine. p. 113.

SELEKTSIYA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION], issued by Ministerstvo sel'skogo khozaistva USSR [Ministry of Agriculture of the Ukrainian S. S. R.], Kiev, vol. 33, no. 6, Nov. - Dec. 1964.

SOCHINENIYA OPYTNOI STANTSII SUBTROPICHESKIKH I LUKHNYKH PLODOVYKH KULTUR, Sbornik nauchnykh rabot [SOCHI EXPERIMENT STATION IN SUBTROPICAL AND SOUTHERN FRUIT CROPS, Papers], Moscow, no. 17, 1963.

- Table of contents translated:
- Lavtchinskii, L. I. - Best trimming systems at the tea plantations in the subtropical regions of Krasnodar Territory. p. 10.
- Alakseev, T. P. - Effect of the harvest of double-tea (tea shrubs) on the yield, productivity of labor and quality of raw tea in Krasnodar Territory. p. 22.
- Krasnitsa, V. A. - Biology, selection and strain testing of tea in the Kuban foothill regions. p. 45.
- Vorobiov, V. V., Vorobiov, R. V. - Some aspects of the development of Groselob local cultures. p. 62.
- Gheuryts, V. A. - Best forms of Citrus Unshiu Marc. for the Sochi region. p. 85.
- Moskalev, A. S. - Phenology of subtropical cultures in relation to weather conditions in Sochi. p. 96.
- Iurshenko, P. D. - Results of the study of pear and apple varieties in the southern regions of the Black Sea littoral in Krasnodar Territory. p. 121.
- Burkova, L. I., Skripka, K. P. - Embryological study of Prunus domestica Italica. p. 142.
- Skidchenko, R. A. - Strain study and selection of strawberry at the Sochi Experimental Station. p. 163.
- Ogimov, G. V. - Grape varieties for the southern zone of the Black Sea littoral in Krasnodar Territory. p. 180.
- Bushin, P. M. - Hydrophysical properties of the soils of vineyards in the moist subtropical zone of Krasnodar Territory. p. 190.
- Dizengof, G. I., Dizengof, L. F. - Green nurseries for reclaimed plots on mountain slopes. p. 217.
- Zakharov, A. A. - Protection of fruit, subtropical cultures, and grape crops from pests and diseases in the Black Sea zone of Krasnodar Territory; brief summary of the main efforts. p. 220.
- Balashov, G. M., Lushchikov, I. P., Romanenko, V. I. - Machinery for soil cultivation in mountain vineyards. p. 240. (DMAL)
- VOPROSY GENETIKI, SELEKTSII, SEMENOVODSTVA KHLOPOCHATNIKA I LUKHNYKH [PROBLEMS RELATING TO THE GENETICS, SELECTION AND SEED PRODUCTION OF THE COTTON PLANT AND ALFALFA],** issued by Institut selektsii semenovodstva khlopotchatnika [Institute for the Selection and Seed Production of the Cotton Plant], Tashkent, no. 1, 1966. (DMAL)

18. TECHNOLOGY

A. GENERAL

- AKADEMIYA NAUK SSSR, Sbornik statei, Issledeniya [ACADEMY OF SCIENCES OF THE U.S.S.R., Scientific Papers, Bulletin],** Moscow, no. 3(133), Feb. 1968. Seriya Tekhnicheskii nauch [Series in the Technological Sciences], no. 1.
- Table of contents translated:
- Iskakov, M. A., Kozlov, A. V., Ivantia, A. P. - Radiation spectrum of (nitro-alkanes) hydrogen plasma. p. 3.
- Berstein, I. A., Kuznetsov, F. O., Model', I. Sh. - Measuring the temperature of plasma of pulse discharges in deuterium according to its self-reversed spectrum lines. p. 8.
- Prokhorovskii, M. G., Shepary, M. I. A. - Kinetics of excited atoms in an optically dense plasma. p. 10.
- Prokhorovskii, M. G. - Theory of spectral line contour in conditions of reabsorption. p. 16.
- Semakov, V. K., Terapugova, M. S. - Diagnosis of strongly inhomogeneous sources of low-temperature plasmas according to asymmetric spectral lines. p. 20.
- Ivanova, L. E. - Study of the composition and distribution of electron and ion temperature across a plasma jet beyond a cutoff of a pulsed electromagnetic accelerator. p. 22.
- Prokhorovskii, M. G., Shepary, M. I. A. - Effect of radiation capture on the ionization process of plasmas. p. 25.
- Prokhorovskii, M. G., Tambovtsev, B. Z., Shepary, M. I. A. - Effect of the electron energy distribution function on the shape and intensity of the spectral lines. p. 28.
- Terapugova, M. S. - Methods processing of a spectral line contour and possibilities of diagnosing plasmas. p. 30.
- Mitits, A. V. and others. - Determining electron concentration in an arc discharge plasma. p. 33.

- Zhelev, I. A. - Effect of sodium on the distribution of atoms of alkali earth elements in a d. a. arc. p. 34.
- Popov, T. I. A., Popov, A. K. - Shielding atomic radiation in concurrent transitions. p. 30.
- Mamchik, O. F. - Method of continuous diagnosing electron concentration in plasmas. p. 70.
- Urishov, B. A. - Longitudinal flow along an electric arc in a cylindrical duct. p. 43.
- Davlov, G. I. U. - Study of an electric arc column in a duct with a gas flow. p. 84.
- Habibin, V. P., Ustov, V. U. - Study of the method approximation of magnetizing alteration in alloys type alloys. p. 90.
- Kovalev, B. I. - Methods of numerical solution of electromagnetic transfer processes at total electric transmission points which contain concentrated reactive elements. p. 62.
- Vlasovskii, A. P. - Construction principles of multi functional elements. p. 72.
- Bernatskii, A. P., Verabina, I. U. M., Chumachenko, V. Some prerequisites for obtaining ceramic electro insulation materials with high electric strength. p. 61.
- Kotalevskii, S. S., and others. - Prospects of applying high-capacity water-freon power installations. p. 88.
- Kurov, V. F., Makladov, N. M., Polshchikov, I. I. Studying the structure of phase density of a modulated equation for a synchronous generator. p. 107.
- Lukashov, E. S. - Studying the effects of perturbations on automatic control excitation system on the stability of a synchronous generator. p. 109.
- Lipatov, L. N. - Adopting the theory of random fields for determining characteristics of a system. 11th distributed parameters. p. 111.
- Volnov, A. K. - Studying transient processes in a hydraulic drive. p. 118.
- Gorbunov, I. U. K. - Pulse voltage distribution in a cylindrical system with laminated metal. p. 124.
- Krivobokhov, G. V., Tolegic, G. G., Kollin, K. G. Some characteristics of helium-neon laser with a crystal node relay inside the resonator. p. 127.
- Mikhomson, R. S. - Role of geometry field in the study of semiconductor surfaces. p. 132.
- Volkashchikov, B. V., and others. - High-temperature thermomechanical treatment of 40Kh steel on the "Bibit" forging hammer. p. 136.
- Oreshnik, M. S. - Changes in the porous structure of coal during preparation for combustion. p. 143.
- Pilipova, T. A. - Some aspects of the methodology in solving the problem of complex utilization of a hydroelectric plant during its operation. p. 147.

- GORNII JURNAL [MINING JOURNAL],** Organ of Gosdarmvennyi komitet po chernei i tsvalnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.], and others. Moscow, vol. 44, no. 18, Dec. 1968.
- Table of contents translated:
- Rubinskii, V. V., Isakov, V. V. - Hydrodynamic flow of the heavy mining institute. p. 3.
- Plekshyia, M. I. A. - Formation and use of working coal in mining enterprises under the new conditions planning. p. 7.
- Grishina, G. A., Immedov, A. D. - Workmen in the mines of the Kuznetsk Metallurgical Combine switched to five-day workweek. p. 8.
- Vodoplanov, V. L. and others. - Economic utilization of the losses and depletion of ore in diamonds and the Upper Kama potassium deposit. p. 10.
- Mikhailov, A. M. - Utilization of the "Bukharkovskii" a "Stratifik" mines into one enterprise. p. 12.
- Pavlov, L. S. - Mining refractory clay of the "Krasnoe skel" Open-Pit Mine by panel entries. p. 15.
- Okolova, E. P. and others. - Classification of shaft mining systems. p. 18.
- Makarov, I. K. and others. - The R. Likashevskii SU. p. 19.
- Gaidin, P. T., Salashchev, D. S., Shaposhnikov, V. I. The "Tashkent" Mine. p. 23.
- Trubnikov, A. N. - Determination of ore chain diameter depending on the size of ore. p. 34.
- Akuts, G. K. and others. - Improving the blending method for coexisting vertical operations. p. 37.
- Vakhrushev, L. K. - Climatic conditions for working artificial pillars. p. 30.
- Kuklin, L. S., Motorin, A. S. - Regularities in the change of blasted rock fractional composition depending on the diameter of the average lump in open-pit mining. p. 31.
- Gavrilov, V. S. and others. - Industrial technology of water-resistant metallized granulation 40A. p. 33.
- Kozlov, A. T. and others. - Use of accumulative slurry. p. 34.
- Bevostanov, V. I. - Hydrothermal method. p. 38.
- Lomovskoy, G. G. - Basic technological principles of the solid-state hydraulic blasting of overburden. p. 39.
- Smolchikov, V. D. and others. - Blasting of hollow pillars by electric rotary drills. p. 44.
- Kania, I. M., Tikhobenko, V. I., Reiz, K. A. - Use of small explosive charges. p. 43.
- Krasnikov, A. S. and others. - Possibilities of increasing the performance of rotary bucket excavators. p. 44.
- Rozov, V. V., Agapov, V. K., Vysokii, M. G. - Effect of method of doubling the terminal lifting depth of single-rope drum hoists. p. 47.
- Tokhtia, A. D. and others. - Flax ropes with hollow sewed-together strands for squelching deep mine hoists. p. 48.
- Fedorov, M. A., Semakov, V. S. - Stress acting on conveyor belts in the process of their operation. p. 49.
- Shvarts, A. I. A., Zolotarevskii, D. B., Kozlovskii, G. I. Increasing the wear resistance of rotary crusher beaters. p. 51.
- Gladilin, L. V., Khoshchinskii, V. I., Vasiliev, I. E. - Comparative evaluation of certain factors influencing

the safety and faultless operation of electric networks with voltage in excess of 1,000 V. p. 63.
 Litvinov, G. G., Belyi, V. K. - Automatic regulation of water supply to ball mills. p. 64.
 Litvinov, G. G. and others. - Use of correlation analysis in proportioning condensation water inflow into ball mills. p. 64.
 Onishchenko, M. D., Kholodov, A. G. - Studying the petrographic method of determining ore depletion. p. 65.
 Gol'dberg, I. U. S., Ruzhnikov, V. M. - Improving the quality of flotation manganese concentrates by acid treatment. p. 65.
 Koslov, G. V., Potrov, E. I. - Efficient flowchart for ore comminution at the Kuznets Ore Dressing Plant. p. 65.
 Sokol, B. M., Arshangul'skiy, V. M. - Increasing the extraction of mica crystals from siliceous ores. p. 65.
 Prokhorov, A. Z. and others. - Use of the sublayer cavity system with dry breaking in tight faces at the "Khibinskaya" mine. p. 67.
 Petrovskiy, G. G., Malashovskiy, V. A. - Removal of grease from ropes of multi-rope hoists. p. 68.
 Bogdanov, V. M. - Testing reinforced-concrete rods with the aid of resistance sensing element of strain gauges. p. 68.

МЕТЕОРОЛОГИЧЕСКИЙ ЖУРНАЛ [JOURNAL OF METEOROLOGICAL PHYSICS]. Issued by Akademicheskii tsentr i kharakteristika priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U. S. S. R.]. Moscow, no. 10, Oct. 1968.

МЕТЕОРОЛОГИЧЕСКИЙ ЖУРНАЛ [JOURNAL OF METEOROLOGICAL PHYSICS]. Issued by Gosstatizdatstandartov, tsentr i kharakteristika priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U. S. S. R.]. Moscow, no. 10, Oct. 1968.

Table of contents translated:
 Abramov, I. A., Il'in, A. A., Novikov, A. I. - State information systems in the field of metrology and measuring technology. p. 3.
 Belskiy, G. E. - Establishment of unified standards for time and length measurements. p. 3.
 Murtygov, V. T. - Hydroelectric leveling instrument for measuring deviations from horizontal plane and regularity of long guides. p. 11.
 Bychkov, G. D. - Present-day methods for checking planes using electronic and computing equipment. p. 14.
 D'vorkov, V. A. - Toothed-disc motion meter for controlling the kinematic errors of copying machines with transmission ratio equal to unity. p. 14.
 Peral'skaya, E. I. - Principal error component in the weighing of coupled railroad cars. p. 14.
 Perekov, V. I., Topolov, V. P. - Decreasing the reactive error signal component of tensionistric scales. p. 21.
 Bobrovnikov, G. M., Kuznetsov, R. M. - Distribution of pressure in the variable gaps of systems with rounded piston. p. 23.
 Ergardt, M. M. - Measurement of temperature using triphenyl-phenol and triphenyl-antimony thermocouples and methods for calibrating them. p. 24.
 Kharachenko, M. G. - Methods for obtaining a signal proportional to absolute temperature using thermocouples. p. 27.
 Vostrikov, I. U. A. - Derivation of the conditions of metrological interchangeability for differential transformer devices. p. 29.
 Rozsakov, R. Z., Pavlovskiy, A. I. - Checking of voltage dividers using two-row potentiometers. p. 32.
 Syrov, G. P. - Parametric a. c. stabilizer using one barrier. p. 36.
 Kolesnikov, A. V., Ruker, I. B. - Use of the method of two average radii in determining the dispersed content of aerosols. p. 37.
 Vashilov, R. D., Dorofeev, G. A., Potrov, V. I. - Calibration of neutron radiometric apparatus. p. 41.
 Zerkov, I. G., and others. - Use of Cu(Mn) crystals in nuclear gamma resonance spectrometers. p. 42.
 Gornitskiy, E. I., Kollorov, D. E. - Methods for expressing the number of moles of real gases by the parameters of state. p. 42.
 Alekseyev, P. P., and others. - Photoelectric comparison for checking glass disks with length up to 200 mm. p. 45.
 Kozlovskiy, V. P. - Standardization of errors of measuring amplifiers. p. 49.
 Krasovskiy, M. M. - Introduction of information and entropy measurement units into the system of measurements. p. 57.
 Krasovskiy, V. E. - Definition of the concept "control." p. 58.
 Rozsakov, R. Z. - Organization in checking measuring equipment should be improved. p. 59.
 Kuznetsov, G. V. - It is necessary to regulate the standards of nonstandard measuring equipment. p. 61.
 Tretyakovskiy, I. U. G. - Let's ensure the further development of metrological sections with volunteer staffs. p. 62.
 Andonovskiy, A. I. Bary; on his 75th birthday. p. 66.
 G. P. Kharachenko; on his 70th birthday. p. 66.
 In the Committee on Standards, Measurements, and Measuring Instruments Attached to the Council of Ministers of the U. S. S. R. p. 67.
 Results of the All-Union Socialist Competition for the Second Quarter of 1968. p. 67.

Dolgov, M. I. - In the publishing house of state standards. p. 69.
 Koshin, V. P. - All-Union Seminar on the Training of Inspectors. p. 71.
 Koshin, V. P., Lomov, G. K. - Workers of industrial laboratories talk about their work experience. p. 71.
 Resonant measuring equipment exhibited in Moscow. p. 72.
 To the attention of the readers. p. 73.
 Papis, I. A. E. - Seminar on checking radiometric and proportioning devices. p. 75.
 Krasnikov, K. V. - Improvement of the design of the DE-3 device. p. 75.
 Dolodnikov, B. M. - Design of a new protractor. p. 76.
 Mikhalev, G. B. - New method for controlling the sharpness of the cutting blades of instruments. p. 76.
 Volkov, T. M., Dura, E. T. - Measurement of the radius of the cutting edge of instruments. p. 78.
 Onishchenko, G. M. - The design of slide calipers should be improved. p. 79.
 Baganov, A. M., Troshin, B. I. - Method for measuring optical difference in the rate of motion of anisotropic plates. p. 80.
 Faler, A. I. - Evaluation of the sensitivity threshold of a regular acceleration transducer with a mechanical spring. p. 81.
 Degtyarev, A. A., Baganova, G. M. - Systems for checking gas measuring tanks. p. 82.
 Balashov, D. V., Selezneva, A. A. - Systems for testing pipes with internal pressure with action of high temperatures. p. 83.
 Zlotovskiy, V. L. - Checking of high-resistance boxes. p. 84.
 Kuznetsov, I. U. G. - Mechanisms of the output signal of an electric discharge converter. p. 84.
 Arslanov, A. D., Arslanova, I. B. - Selection of diode pairs for a synchronous detector. p. 84.
 Dzhigapov, R. G., Babitskiy, V. M. - Properties of piezoelectric vibrators in liquid media. p. 87.
 Merkulov, V. D., Basilev, V. E. - Repair of instrument pulse generators. p. 88.
 Selitskiy, M. M. - Examination of repairability. p. 90.
 M. T. Markin; obituary. p. 90.

ЛИТЕРАТУРА ПОЛИТЕХНИЧЕСКОГО ИНСТИТУТА. Труды [POLYTECHNIC INSTITUTE. Transactions]. No. 367, 1968. Teoriya i tekhnika vychislitel'nykh avtomatov [Theory and technology of computing equipment], no. 2.

Table of contents translated:
 Cherkasov, G. M. - Some nonlocal characteristics of restorable systems. p. 3.
 Cherkasov, G. M. - Reliability of a switched system with random distribution laws. p. 11.
 Kozlovskiy, D. M. - Use of three-valued logic in calculating the probability of failure of operation of redundant systems with two types of failures. p. 18.
 Kozlovskiy, D. M. - Study of one model of mixed redundancy. p. 22.
 Daskov, G. V., Protasenko, A. A. - Use of the apparatus of White's functions in the construction of blocks of specialized computers. p. 27.
 Bakhtinskiy, I. U. V. - Resonance methods in numerical integration. p. 31.
 Buzonov, I. D. - Approximation of empirical functions. p. 32.
 Voloshin, V. V., Orlov, V. M. - Solution of some extremum problems in a graph using an analog computer. p. 33.
 Voloshin, V. V. - Problem in production planning. p. 43.
 Voloshin, V. V., Dmitriyev, A. V., Babitskiy, M. V. - Solution of linear equations with partial derivatives using analog computers. p. 47.
 Tarasov, V. S., Filimonov, V. I. - Prospects for solving differential equations with a variable argument using analog computers. p. 52.
 Karapov, I. U. G., Tarasov, V. S. - Algorithms for the study of a thin-wall heat exchanger using computers. p. 57.
 Belskiy, G. E., Filimonov, V. I. - Modeling of processes in superhigh-frequency tubes. p. 67.
 Verbitskiy, I. A. - Problem of dynamics of ion counter-flow processes in packed column. p. 76.
 Demidov, A. A., Korolev, V. B. - Method for the analysis of nonlinear systems. p. 77.
 Kozlovskiy, G. I., Mikhalev, V. I. - Use of digital computers in calculating natural and self-impedances of complex electrical networks. p. 82.
 Mikhalev, V. I., Moshkin, I. E. - Areas of convergence of iterative solutions of the equations of model voltages. p. 81.
 Gornitskiy, I. U. P., Shestakov, G. V. - Program for calculating the static stability of complex electrical systems. p. 90.
 Voropalov, M. I. and others. - Program for calculating the dynamic stability of a complex system with strong regulation of the excitation of generators and regulation of the turbine torque using the "Ural-3" digital computer. p. 94.
 Kozlovskiy, K. P., Mikhalev, V. I. - Principles of the construction of a program for calculating internal overvoltages in complex electric power transmission systems. p. 112.
 Mikhalev, V. I. - Consideration of the corona discharge in studying internal overvoltages using electronic digital computers. p. 116.
 Usanova, D. V. - Chebyshev's polynomials in problems of recognition. p. 123.
 Boronin, M. A., Usanova, D. V. - Comparative evaluation of some methods for selecting signals in adaptive cognitive systems. p. 126.
 Krasnikov, B. M. - Study of mutual correlation of speech signals. p. 124.

Evmenov, V. P., Kufantsev, B. M., Zhebrovskiy, K. A. - Temporary change of the fundamental tone of voice phenomena. p. 141.
 Popov, E. S. - Method for calculating a correlation function. p. 147.
 Tikhonov, L. A., Sherevskiy, M. A. - Selection of the interval of time discretization in the calculation of mutual correlation functions. p. 150.
 Alekseyev, V. M., Danashinskaya, M. I., Mikhalevskiy, V. B. - Correlation and control of information in a memory unit of an automatic control system. p. 158.
 Alekseyev, V. M., and others. - Construction of digital automatic control systems. p. 162.
 Leonov, A. G., Nekrasov, S. P. - Selection of a read-out and coding system for one class of computing networks. p. 167.
 Derzhinin, E. P., Kiremov, V. D. - Establishment of interruption conditions in digital computing and controlling systems. p. 171.
 Shapovalov, D. V. - Approach to the calculation of standard networks. p. 177.
 Kozlovskiy, V. G., Mikhalev, V. A. - Calculation of digital circuits of current distribution with uniform ribbon cores. p. 180.
 Nekrasov, S. P., Stepanov, V. A. - Increasing the reliability of current distribution networks. p. 190.
 Lyuda, R. A., Smirnov, A. M. - Method for regulating the phase of a parametron. p. 189.
 Smirnov, A. M. - Noise stability of logical circuits using parametrons. p. 203.
 Mikhalev, V. P. - Design of pulse current shaping devices using transistors for ferrite-diode circuits. p. 203.
 Kozlovskiy, V. G. - Four-cycle mode of operation of digital current distribution networks. p. 214.
 Mikhalev, V. P., Tarabokina, V. I. - Pulse current shaping device with regulated indices of an output impulse. p. 216.
 Alekseyev, V. M., Kozlovskiy, V. G. - Output switching in distribution networks with magnetic switches. p. 226.

No. 208, 1968. Heat-resistant alloys in the cast state. Table of contents translated:
 Nekhondel, I. U. A., Shpil'der, S. S. - Certain problems in the theory of addition alloying of heat-resistant alloys in the cast state. p. 7.
 Nekhondel, I. U. A., Shpil'der, S. S. - Constitutional diagrams of high-alloy, chromium-nickel austenitic-ferritic steels for thin-walled castings. p. 23.
 Lebedev, K. P., Aronovskiy, M. P., Okov, A. M. - Research and investigation of cast austenitic heat-resistant steels with various hardening elements. p. 25.
 Lebedev, K. P., and others. - Research and investigation of cast heat-resistant steel PZhI for working temperatures of up to 848 - 758° C. p. 45.
 Nekhondel, I. U. A., Lebedev, K. P. - Heat-resistant foundry alloys with an addition of nitrogen for temperatures of 808-870° C. p. 87.
 Belitskiy, L. A., Brann, M. P. - Investigating the structure, phase constitution and properties of cast PZhI and PZhII steels. p. 85.
 Nekhondel, I. U. A., Vasil'yevskiy, V. G. - Investigating the heat-resistant brand AISI338 alloy. p. 79.
 Kuznetsov, I. M. - Critical temperatures and the character of crystallization of heat-resistant alloys of the "Minion" type certain confirm forming nickel-titanium alloys. p. 81.
 Gata, L. V., Pashutin, L. A., Tarnarev, A. S. - Heat resistance of nickel-base alloys. p. 86.
 Bogdanov, M. T., Orlov, L. B. - Effect of conditions of melting and pouring of the KIM7 alloy on the properties of cast turbine blades. p. 96.
 Nekhondel, I. U. A., Lebedev, K. P., Kozlov, I. V. - Effect of vacuum melting and pouring on the foundry properties of alloys determined by means of a complex specimen. p. 104.
 Gruzynskiy, I. V., Kozlovskiy, G. P. - Foundry properties of certain high-alloy steels. p. 117.
 Ioffe, A. I., Golod, V. M. - Effect of ultrasonic waves on the structure of alloys high in addition elements. p. 122.
 Nekhondel, I. U. A., Ivanov, V. T. - Investigating the conditions of modeling the formation of shrinkage cavities in castings. p. 130.
 Bilyk, V. I. A. - Methods of mechanical determination of linear shrinkage and critical temperatures of cast alloys. p. 143.
 Bogdanov, M. T. - Selecting specimens for the control of mechanical properties of thin-walled castings. p. 152.
 Aronovskiy, M. P. - Effect of the size of applied load on the stress rupture strength of heat-resistant steels in the cast state. p. 154.
 Bilyk, V. I. A. - Determination and analysis of the temperature field of a casting during solidification. p. 159.

ЛВОВ. ПОЛИТЕХНИЧЕСКИЙ ИНСТИТУТ. Висник [POLYTECHNIC INSTITUTE. Review]. No. 10, 1968. Chemistry and chemical technology. Table of contents translated:
 Mokrytskiy, T. M., Tolopko, D. E. - Inhibition of the oxidation process of sucrose by diatomic phenols. p. 3.
 Kozlov, H. M., Boldyrev, B. M., Iarysh, M. I. E. - Hydrolysis of thioesterol esters. p. 7.
 Fedorova, V. O., and others. - Study of the thermal stability of dibasic acid peresters. p. 12.
 Kolesnikov, V. T., Bilonov, T. K. - Synthesis of some 3,3-dinitro-1,4-naphthoquinone and analogs of myosin. p. 17.
 Lutsenko, L. M. - Synthesis and some properties of methanolic acid derivatives. p. 21.
 Ilyurovskiy, V. F., Pylypov, O. I. - Reaction of potassium cyanide with bromoacetic acid ester. p. 26.

- 114

- compounds of area with dimethyl esters of aliphatic dicarboxylic acids. p. 3.
- Aarve, A., Karyana, K. - Separation of monohydric and dihydric phenols by the method of paper chromatography. p. 13.
- Aliev, K., Kizilov, K., Shinar, K. - Reactivity of dihydric phenols with formaldehyde. p. 18.
- Kozlov, A. - Study of the stability of ketone mixtures. p. 29.
- Razdsepp, H. T., Razdsepp, H. E. - Study of the decomposition of 1- and 3-naphthols. p. 38.
- Razdsepp, H., Shirk, M. - Study of the catalytic decomposition of hydrocarbons and oxygen compounds. Report No. 3. p. 38.
- Shirk, M., Razdsepp, H. - Study of the catalytic decomposition of hydrocarbons and oxygen compounds. Report No. 4. p. 41.
- Razdsepp, H., Jary, M. - Separation of crystalline diphenols from the total phenols of shale oil water. p. 50.
- Razdsepp, H., Karolia, K. - Synthesis of alkylphenols by the method of alkylation in the presence of $ZnCl_2$. p. 67.
- Vayns, J., Karm, K. - Study of polycrystalline compounds. Report No. 5. p. 75.
- Kukla, J., Shirk, M. - Equilibrium diagrams of the vapor-liquid system. p. 83.
- Vaiderna, M., Kuzak, A. - Neutralization of superphosphate with phosphoric powder. p. 91.
- No. 154, 1967. Stroitoil'ny konstruktiv i stroitol'ma shak; shornik statei [Construction members and structural physics] no. 6.
- Table of contents translated:
- Aarve, J. - Calculation of cylindrical metal shells. p. 3.
- Aarve, J., Kuzak, K. - Design of deep sheet-metal beams. p. 18.
- Kuzak, K., Kuzak, K. - Experimental investigation of pre-stressed suspension members. p. 23.
- Kuzak, K., Kuzak, K. - Design of suspended roofs with negative curvature and fixed number of cables. p. 30.
- Kuzak, K., Kuzak, K. - Calculation of stress-strain method. p. 31.
- Kuzak, K. - Calculation of prestressed reinforced-concrete shells of revolution. p. 35.
- No. 157, 1967. Trudy po stroitol'noy mekhanike; shornik statei [Transactions on structural mechanics] no. 2.
- Table of contents translated:
- Marek, L., Virupid, S. - Beams under bending with inelastic strain; problems of convergence. p. 3.
- Kuzak, K., Kuzak, K. - Possibility to develop M-method with the use of isoparametric. p. 10.
- Kuzak, K., Kuzak, K. - Simplification of the solution of a problem by the M-method. p. 15.
- Sgt, K. - Optimal structure and its designing. p. 23.
- Sgt, K. - General problem of optimum structural systems. p. 27.
- Trosov, K. K. - Some results of studying dimensions of added beam strips of a ship deck with the help of a computer. p. 34.
- Trosov, K. K. - Variational M-method for calculating floor stability. p. 118.
- Moskvin, J. - Membrane vibrations of a rectangular plate with rigid edge restraint. p. 127.
- Marek, L. - Calculation of plates by the E-method. p. 140.
- Kuzak, K., Kuzak, K. - Some calculation results of a suspended roof with negative curvature and fixed number of cables. p. 173.
- Kuzak, K., Kuzak, K. - Experimental study of suspended roofs with negative curvature and edge beams under stress conditions. p. 181.
- No. 158, 1968. Stroitoil'ny konstruktiv i stroitol'ma shak; shornik statei [Construction members and structural physics] no. 6.
- Table of contents translated:
- Aarve, J. - Studying behavior of the wall of a sheet-metal beam after buckling. p. 3.
- Aarve, J., Kuzak, K. - Investigating the postbuckling behavior of the wall of a sheet-metal beam subjected to shear and bending stresses. p. 18.
- Aarve, J. - Investigating postbuckling behavior of end web panels of a sheet-metal beam. p. 20.
- Aarve, J. - Design of sheet-metal beams. p. 28.
- Aarve, J., Kuzak, K. - Experimental investigation of prestressed steel beams. p. 33.
- Aarve, J., Kuzak, K. - Design of prestressed metal beams. p. 30.
- No. 160, 1968. Trudy po goruemu delu; shornik statei [Transactions on mining; collection of articles] no. 4.
- Table of contents translated:
- Talve, L. G. - Laws governing changes in the state of an energy system. p. 3.
- Razdsepp, H. A., and others. - Investigating operating conditions of electric leakage in Kirovsk oil shale mines. p. 17.
- Lund, K. - Coefficient of friction in rotary boring. p. 20.
- No. 161, 1968. Matematika i teoreticheskiye mekhanika [Mathematics and theoretical mechanics] no. 2.
- Table of contents translated:
- Shik, O., Tikhonov, B. - Applicability of the kinetic energy theorem in mechanics. p. 3.
- Kupel, R. - Generalization of Aitken's method for the solution of nonlinear operator equations. p. 17.
- Levin, M. - Note on the coefficients of a variational quadrature formula. p. 30.
- Lazarev, I. U. - Convergence of a collocation-type method for ordinary integro-differential equations. p. 30.
- Lazarev, I. U. - Convergence of the collocation method. p. 40.
- Vishnina, F. - Summability of the formal product of double series. p. 71.
- No. 162, 1968. Shornik statei po khimii i khimicheskoi tekhnologii [Collection of articles on chemistry and chemical technology] no. 12.
- Table of contents translated:
- Razdsepp, H. - Study of the decomposition and methods of using shale oil phenols at the Tallin Polytechnical Institute. p. 3.
- Razdsepp, H. T., Razdsepp, H. E. - Decomposition of creosols in the presence of water vapor. p. 13.
- Jary, K., Razdsepp, H. - Synthesis of polycarbonates based on alkylphenols. p. 21.
- Shirk, M. A., Razdsepp, H. T. - Study of the processes of catalytic decomposition of hydrocarbons and oxygen compounds. Report No. 6. p. 28.
- Staryns, A., Razdsepp, H., Molnar, L. - Composition of monophenols part of the phenols of soda solutions. p. 37.
- Vayns, J., Karm, K., Pabits, R. - Study of polycrystalline compounds. Report No. 6. Structure and photoacoustic properties of CdS films obtained by the chemical method. p. 42.
- Vayns, J., Schyde, J. - Study of polycrystalline compounds. Report No. 7. Effect of thermal treatment (annealing) on photoconductivity of alkyl polycrystalline cadmium sulfide. p. 48.
- Vayns, J., Karm, K. - Causes of the low photoconductivity of fine-crystalline pressed pellets of cadmium sulfide and the increase of its sensitivity by thermal treatment. p. 50.
- Kark, K., Raj, K. - Production of dry washed potato. p. 72.
- Mikhal, V., Pikkov, L., Shirk, K. - Production of dry washed potato. Report 2: Kinetics of drying washed potato. p. 79.
- Mikhal, V., Pikkov, L., Shirk, K. - Production of dry washed potato. Report No. 2: Study of the technology of production of dry washed potato. p. 88.
- Kark, K., and others. - Production of fruit juices by means of enzyme preparations. p. 91.
- No. 163, 1968. Shornik statei po khimii i khimicheskoi tekhnologii [Collection of articles on chemistry and chemical technology] no. 12.
- Table of contents translated:
- Lootis, H., Shirk, K. - Mass transfer in a continuous absorber with mechanical intermixing. p. 3.
- Lootis, H., Shirk, K. - Possibility of the use of continuous mathematical absorber in water ozonation. p. 11.
- Tsuro, K., Shirk, K. - Corrosion of hot water pipes to the residential buildings of Tallin. p. 17.
- Tsuro, K., Shirk, K. - Measures on reducing the corrosion of hot water pipes in the residential buildings of Tallin. p. 20.
- Shirk, K., Razdsepp, H. - Studying the methods of the synthesis of esters of phenol-formaldehyde resins. Report 1: Studying the methods of the synthesis of vinyl esters of phenol-formaldehyde acetate resins in aqueous medium in the presence of alkali. p. 23.
- Mikhelson, V. - Cryogenic method of determination of molecular weights for small weighed samples. p. 47.
- Mikhelson, V. - New stoichiometric micro-method for determination of molecular weights. p. 50.
- Kark, K., Kozlov, A., Pappal, K. - Fractionation of acetylated esters of fungus *Aspergillus awamori*. p. 71.
- Pikarov, A., Podgajny, H. - Aspergillus method for determining chlorides in cadmium sulfide. p. 81.
- Krupina, D. - Study of the trap distribution levels in cadmium sulfide films. p. 87.
- Oh, R. - Photoconductivity of CdS tablets compressed in vacuum. p. 92.
- Tikhonov, M., Turpan, B. - Development of the construction of probe for studying the high temperature corrosion of iron. p. 97.
- ZA TEKHNIKESKII PROGRESS [FOR TECHNOLOGICAL PROGRESS] Organ of Gosstatizvesty konstit. Soveta Ministrov Azerbaidzhanstani [for coordination of scientific and technical work and for scientific and technical progress in Azerbaidzhanstani] [State Committee of the Council of Ministers of the Azerbaijan S.S.R. for the Coordination of Research and the Economic Council of the Azerbaijan S.S.R.], Baku, vol. 8, no. 12(56), Dec. 1968.
- Table of contents translated:
- Abbasov, M. A., Makhmudov, M. G. - Automatic flow sheets for regulating rectification columns of catalytic cracking plants. p. 1.
- Koyshtskii, T. I., Mahmudov, M. G., Mikhelson, A. M. - System for regulating the level of the base of a column in case difficulties arise in regulating the ejection of lower product. p. 6.
- Devizlov, V. V., Aliyeva, F. P. - Realization of finite automata using two binary shift registers. p. 7.
- Abelkhayimov, K. A. - Performance of an asynchronous motor with parallel connection of capacitors and asymmetry of line voltage. p. 18.
- Mamedyarov, O. B., Ismailova, T. A. - Statistical determination of economic characteristics of industrial enterprises. p. 13.
- Lisitskii, B. A., and others. - Adjustable electric drive of a motor for electric drilling. p. 19.
- Tsukova, V. D., Kalibayev, F. I., Zakhvalov, M. B. - Studying the corrective heat transfer of highly mineralized water. p. 13.
- Agalinskii, D. I. - Study of abrasive wear of some polymers as applied to the plunger pair of submersible pumps. p. 21.
- Kashimova, M. G., Movsenov, G. D. - Effect of activation during crystallization on the structure and properties of iron castings for the petroleum and chemical industries. p. 24.
- Mikhailova, I. A. - Calculation and adoption of inverted annular evaporation filters in cylindrical electroplating tanks. p. 26.
- Dzhabiev, A. G., Gaidov, S. M. - Ultrasonic testing of welding joints of pipe elements in oil-field structures. p. 28.
- Karabekyan, V. I., Syrov, K. K. - Making laminar parts for the shaft - sleeve - bearing assembly of a submersible electric motor by the method of friction hardening in order to increase their service life. p. 21.
- Babiev, I. S. - Designing distributing systems of water-purifying filters. p. 33.
- Plotnikov, A. V. - Calculating the longitudinal component of torsional-longitudinal vibration in the shafting of diesel-powered vessels. p. 38.
- Kazakov, S. A., Lipentov, I. A. - Process of laying out silvers and roving in comb-spinning of wool. p. 38.
- Isakov, S. I., Rastanov, M. A. - Production and recovery of dairy products in Azerbaidzhan. p. 40.
- Melikov, M. M., and others. - Some problems in utilizing fixed assets and production capacities of the enterprises of the oil-field machinery industry. p. 42.
- KHIMICHESKII PROGRESS [JOURNAL OF TECHNICAL PHYSICS], Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 34, no. 6, June 1968.
- Table of contents translated:
- Shirk, V. P. - Drift instability of a plasma with charged impurities. p. 848.
- Leonteva, M. V., Lankin, I. P. - Vibrational and diamagnetic relaxation behind the shock wave. p. 866.
- Dzhabiev, G. A., and others. - Comparison of a probe and optical methods of measurement of low-temperature electron plasma parameters. p. 863.
- Demidov, I. I., Lomov, M. B., Pashina, V. G. - Studying a transverse plasma injection in a toroidal magnetic field. p. 908.
- Kislov, A. I., Morozov, A. I., Tikhonov, G. M. - Electrical potential distribution in a coaxial quasistationary plasma diode. p. 878.
- Volkov, E. D., and others. - Vacuum system for the "Mir" station. p. 979.
- Bachvalov, M. S., Balinov, R. A. - Diffusion in the case of instability of a strongly inhomogeneous plasma. p. 866.
- Vasiliev, V. L., Kozlov, V. B., Terevitchov, S. S. - Structure of plasmas of a coaxial jet. p. 901.
- Dinov, G. I., and others. - Production of intensive beams of hydrogen ions. p. 907.
- Kostin, V. M., Borokina, V. M., Tomov, I. V. - Experimental check of the equivalent pressure concept on the arc discharge with hot cathode in mercury vapors. p. 1004.
- Volkov, M. V. - Theory of cathode drop of the glow-discharge potential. p. 1010.
- Bortnik, I. M. - Studying the ignition characteristics of electric discharges in helium. Part 1-3. p. 1014.
- Praschovskii, V. A. - Metallo-optical wave guide. p. 1035.
- Orlov, L. M., Orlov, R. M., Sapozhnik, M. S. - Ion-optical system with strong focusing for the ion source of a mass spectrometer. Part I: Quasistationary beam focusing. p. 1043.
- Orlov, L. M., and others. - Ion-optical system with strong focusing for the ion source of a mass spectrometer. Part II: Beam-type beam focusing. p. 1048.
- Alfimtsev, M. G., Chikolitsin, V. A., Demidov, S. V. - Distribution of the fringing field in a magnetic spectrometer with homogeneous field and screen. p. 1053.
- Stepa, M. I. - Focusing of small particles by plane electrostatic fields. p. 1060.
- Zakhov, O. K., Ivanov, D. P., Korobochko, I. S. - Studying a nonstationary current in an ionless betatron. p. 1067.
- Lazarev, E. Z., Kapriyev, S. K. - Ionization of Kr^{+} ions by means of electron impact. p. 1076.
- Kantsev, V. V., and others. - Effect of thermophysical parameters of a material on the electrode erosion in a high-current vacuum discharge. p. 1074.
- Aratov, G. N., and others. - Inductance and internal resistance of vacuum disk switches. p. 1079.
- Andreev, E. I., Gavrilov, V. E. - Parallel and series switching of tubular gas-discharge flash lamps. p. 1086.
- Petrushin, V. I., Vysotskii, M. G., Kishin, V. V. - Concerning the selection of longitudinal oscillation modes in a neon-helium gas laser. p. 1087.
- Bolshova, K. V., Shubin, A. A. - Temperature dependences of helium-neon laser generation power at low temperatures. p. 1090.
- Demidov, I. V., and others. - Measurement of the specific resistance of x-ray gas-discharge plasmas in large tubular flash lamps. p. 1092.
- Golubev, I. U., and others. - Relation between the optimum He-Ne ratio in a laser and the field distribution in the resonator. p. 1097.
- Kiselev, P. G., Man'ko, M. A., Shakhov, V. P. - Lowering the generation threshold of homocooled injection lasers under uniaxial compression. p. 1100.
- Galkin, B. V., and others. - Region of confinement of plasma electrons during electron cyclotron resonance in a mirror trap. p. 1103.
- Basharov, R., and others. - Determining the current density near the cathode. p. 1106.

KHIMICHESKII PROGRESS [JOURNAL OF TECHNICAL PHYSICS]
Mga, nos. 7-8, 1968. [In Latvian]

A. AERONAUTICS

AVIATSIYA I KOSMONAVTIKA [AVIATION AND ASTRO-NAUTICS]. Moscow, no. 12, Dec. 1968.

Table of contents translated

- Kutakov, P. - Alignment with the leaders. p. 2.
 Likhov, A. S. - Implementing Lenta's advice. p. 6.
 Mironov, A. - Training of a test pilot. p. 10.
 Sokolov, V. - "Wings" spacecraft in orbit. p. 12.
 Poznyak, A. - They distinguished themselves in training. p. 16.
 Borisov, A. - Progress report and election meetings of the Party. p. 18.
 Pritsnev, S. - "Personally known" p. 20.
 Shcherbin, F. - Aviation in deep-penetration operations p. 22.
 Mitagova, G., Shcherbin, R. - Opening the era of jet aviation. p. 24.
 Akhrov, A. - Measuring the true drop with the aid of a remote speed measuring system. p. 26.
 Samarskiy, S. - Determining the position of a helicopter on the basis of a single radio direction station. p. 28.
 Mikhlin, P. - Ground target bombing and firing by trainees. p. 30.
 Ishakov, V. - Far away from Moscow. p. 40.
 Pavlov, I. U. - Thinking out the impending flight. p. 44.
 Denstov, R. - In order to rest better. p. 47.
 Lomov, A. - Perception of spatial relations in space p. 48.
 Bugay, V. - Satellite meteorology today and tomorrow p. 52.
 Kremen, B. - Summing up the results. p. 56.
 Perespitskiy, M. - New navigation instrument. p. 60.
 Tatarskiy, A. - Increasing the resistance of fighter planes. p. 61.
 Bogdanov, G. - Engineer and mathematical statistics. p. 62.
 Krasovskiy, A. - KPA-AI control and testing apparatus. p. 66.
 Osk, A. - Thanks, comrade technical. p. 68.
 Kozlov, L. - Why did the compass error increase? p. 70.
 Krasovskiy, V. - Towing device. p. 72.
 Pyshkov, V. - Case note about flapping wing aircraft. p. 74.
 Vlasov, L. - Right flank of the winged Komsomol. p. 76.
 Anashov, P. - On the opening air current. p. 78.
 Kharayev, V. - The task has been accomplished. p. 80.
 Dubrov, V. - Air reconnaissance in a "black" war. p. 82.
 Foreign aviation and space information. p. 86.
 "Apollo-7" fulfilled the program. p. 91.
 For those who are preparing for competitive entrance examinations and are self-taught. p. 92.

TEORIYA I TEKHNIKA RADOLOKATSIY [Theory and Technique of Radar]. Trudy Institutov (Theory and Technique of Radar). Issued by Ministry of Defense. Moscow, no. 1, 1968.

Table of contents translated

- Tsvetkov, V. V. - Statistical properties of radar signals from scattering surfaces in systems with internal coherence. p. 6.
 Bolvin, G. V. - Comparison of methods for detecting a sinusoidal signal in presence of noise. p. 27.
 Vysotskiy, B. F., Voinitskiy, B. A. - Energy considerations in radar scanning of a limited area of the earth's surface. p. 33.
 Likhov, V. A., Dobrolubov, L. V., Kharayev, M. A. - Modeling of random numbers using an electronic digital computer. p. 44.
 Tepla, M. B. - Measurement of the frequency of harmonic oscillation of a pulse sequence (first-order pulse-amplitude modulation) with ratio of the modulation frequency to the repetition frequency greater than unity. p. 55.
 Tepla, M. B. - Decreasing the "false height" effect in radar track speed measuring units. p. 63.
 Zarova, M. V. - Transformation of the frequency spectrum of a signal with phase-impulse modulation passing through a delay unit and an amplifier compensated by an undelayed output signal. p. 74.
 Mitroshinskiy, I. M. - Efficiency of a coherent radar during the reception of frequency-coherent pulses. p. 87.
 Davydov, P. S., Ushakov, G. A. - Effectiveness of the accumulation of quasi-coherent RF pulse sequences by comb filters. p. 100.
 Bolvin, G. A. - Stability requirements for coherent-impulse radar units. p. 123.
 Kharayev, M. A., Dzhavadov, G. G., Chernov, N. I. - Spectra of an amplitude-modulated sequence of video frequency pulses. p. 134.
 Kharayev, M. A. - Conversion of the spectrum of an amplitude-modulated periodic sequence of video impulses by a thermal (peak) detector. p. 143.

- Milner, N. A. - Contribution to the theory of forced oscillations in a nonlinear circuit with a p-n junction capacitance. p. 148.
 Barinov, K. V. - Shock excitation of oscillations. p. 178.
 Lavina, A. V. - Action of a coherent impulse signal and noise on a two-channel time discriminator. p. 186.

C. CHEMICAL TECHNOLOGY

KHIMICHESKAYA PROMYSHLENNOST' UKRAINY

(CHEMICAL INDUSTRIES OF THE UKRAINE). Issued by Ministerstvo Khimicheskoy Promyshlennosti USSR and Ukrainische Respublikanische Vsesoyuznoye Khimicheskoye Obshchestvo (Ministry for the Chemical Industry of the Ukrainian S.S.R. and the Ukrainian Republic Administration of the All-Union Chemical Society). Kiev, no. 64(3), Nov.-Dec. 1968.

Table of contents translated

- Kozlov, V. D., Baranovskiy, L. A. - Kinetics of styrene polymerization in the presence of isopentane p. 3.
 Ivashova, M. I. - Alkyl resins based on products of paraffin oxidation. p. 8.
 Beronin, I. A. E., and others. - Use of pigments based on dyes for the dyeing of polyester glass-reinforced plastic. p. 9.
 Ovcharenko, F. D., Tretitskiy, V. I. U., Parkhomenko, V. V. - Absorption of anions by cationic polymers. p. 12.
 Selitskiy, M. Sh., Artyukov, F. I., Gavrilova, Z. F. - Reduction of a granular barite concentrate in a revolving furnace. p. 15.
 Milner, N. A., Kuznetsov, I. P., Chernikova, V. V. - Production of barium peroxide based on hydrogen peroxide and barium hydroxide. p. 17.
 Skorkhod, O. A., Vlasenko, V. M., Fefer, A. O. - Study of the activity of industrial nickel catalysts during the purification of natural gas. p. 20.
 Ivanushenko, I. A. M., and others. - Physiological activity of some chlorine-substituted pyridine derivatives. p. 24.
 Kozlov, A. F., and others. - Machinery for the production of films for sleeves from low-density polyethylene. p. 28.
 Kharayev, M. A., Shapiro, M. D., Strumskiy, I. U. L. - Effect of plastic stretch-deformation on the corrosion resistance of KdSvIU acetate-maleic acid steel. p. 33.
 Likhov, V. A., Mironov, A. I., Potashnikov, A. L. - Testing of a thin tubular grid on a rigid shell-and-tube heat exchanger. p. 37.
 Medynskiy, V. G. - Preliminary algorithmization and optimization of chemical processes and their economic efficiency. p. 46.
 Gordin, I. U. D. - Studying static characteristics of a reactor for photochemical benzene chlorination. p. 52.
 Mandel, A. M. - Automatic control of the interphase level in the process of synthetic fatty acids separation by carbon dioxide. p. 61.
 Baranov, V. P. - Calculation of the cost of synthetic fibers by assortment. p. 64.
 Mitroshinskiy, I. M., Orlov, V. M. - Technological and economic efficiency of the use of new calibrating attachments with a herbicide in the production of tubes from thermoplastics. p. 69.
 Mochov, E. M., Lashova, M. A., Kavetskiy, N. S. - Determination of oxides in gases by inversion polarography. p. 85.
 Nikorenko, V. F., Kufakki, L. A. - Prospects for the decrease in the capacity of horizontal settling tanks using active silicic acids. p. 87.
 Shchepil, L. S., and others. - New circuits for the electric drive of cord-manufacturing spinning machines. p. 90.

KHIMICHESKAYA TEKHNOLOGIYA [CHEMICAL TECHNOLOGY]. Kiev, no. 8, 1967.

Table of contents translated

- Golitskiy, I. M., Gavrilova, Z. F. - Systematics of the solubility of electrolytes for temperature range of the presence of liquid aqueous solutions. p. 3.
 Smirnov, V. V. - Intensification of power capacity electrolysis. p. 13.
 Kozlov, V. D. - Porous electrodes in electrolysis. Graphitized anodes in the electrolysis of chloride solutions. p. 21.
 Kharayev, M. A. - Power balance of bath during electrolysis of aqueous solutions. p. 26.
 Likhov, M. A., Daulov, F. I., Kharayev, M. A. - Effect of temperature on the adsorption of organic compounds on a mercury electrode. p. 41.
 Likhov, M. A., and others. - Electrocrystallization of lead from simple electrolytes with additions. Report No. 1: Use of alkali metal as growth regulators of cathodic deposition. p. 46.
 Likhov, M. A., Bolshakov, I. M., Kharayev, M. A. - Brightening action of organic additions during tin-plating. p. 48.
 Likhov, M. A., and others. - Measurement of the coefficient of impedance in pyrophosphate electrolyte of copper plating. p. 67.
 Abramov, A. S. - Abstract of new industrial inhibitors of acid corrosion and work of experimental plants. p. 72.
 Abramov, A. S., and others. - Some organic compounds as corrosion inhibitors. p. 74.
 Chernikova, V. I. - Concentration changes in inhibiting solutions in the electrolyte with continuously alternating current. p. 78.

Chernikova, V. I. - Concentration changes in inhibiting solutions in the electrolyte with continuously alternating current. p. 78.

Kharayev, M. A., Zverov, N. N. - Electrochemical study of the discharge of ethylenediamine complexes of copper. p. 87.
 Gladkova, M. Sh. - Possibility of the selection of similarity factor for the study of electrochemical systems. p. 116.
 Lomov, A. V., Kharayev, M. A. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.
 Bondar, R. U., Mander, V. V. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.
 Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.
 Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

Kharayev, M. A., Kuznetsov, I. P. - Effect of sodium chloride solutions with different concentrations on the surface of copper. p. 120.

- Konstantinova, S. I., and others. - Varnished cellophane with increased water resistance. p. 44.
- Drachina, T. V., and others. - Properties of grafted polyethylene copolymers with poly-2-methyl-5-vinylpyridine. p. 46.
- Zverov, M. P., Baranik, A. M., Kostrova, K. A. - Properties and structure of fibers produced from the solutions of polyacrylonitrile in dimethylacetamide and dimethylformamide. p. 48.
- Zaitsev, A. P., Kovriga, R. L., Panavia, A. V. - Tension of synthetic yarn during drawing. p. 51.
- Novikova, S. A., Ivanova, R. S. - Methodology for the study of synthetic fiber structure at deformation. p. 53.
- Oprits, O. V., Raschetov, A. V. - Use of EPID devices in the equipment for the control and recording of deep vacuum. p. 54.
- Chicherin, I. I., Kiselevich, V. P., Kostromin, V. N. - Improved design for increased suction in the double-ventilation system for machines of the spinning plant. p. 56.
- Kantor, D. T., and others. - Device for the determination of single viscous fiber electrical conductivity. p. 57.
- Bork, A. G., Tomasova, A. S., Bobrova, Z. V. - Work experience at the Kilmaki Combine under new planning and economic efficiency promoting conditions. p. 59.
- Dimov, K. - Synthetic fibers in Bulgaria. p. 61.
- Kalinina, T. M., and others. - Water-resistant polyvinylalcohol fibers. p. 63.
- Mamfirova, L. M. - Adoption of a new technology at the Chernigovskiy Combine. p. 65.
- Bolin, A. M., Mirin, P. I. - Equilibrium between carbon disulfide and hydrogen sulfide in the production of viscose textile thread. p. 65.
- Filichova, T. V., and others. - Finishing of viscose textile yarn by the K-3 brightening preparation. p. 66.
- Molodtsov, M. P. - Automation of the unit for tempering of softened water. p. 68.
- Dmitriyevskiy, V. G., Makas, E. D. - Determination of coproducts in water by thin-layer chromatography. p. 69.
- Plonshakov, M. G., and others. - Thermostabilization of polypropylene. p. 70.
- Phonyzone, a heat-resistant fiber. p. 71.
- Sixtieth birthday of A. M. Grigorovich Grigor'ants. p. 73.
- Sixtieth birthday of Nikolai Ivanovich Aldikhin. p. 73.
- Sixtieth birthday of Mikhail Georgiyevich Volkov. p. 73.
- KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Issued by Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the USSR S. S. R.]. Kiev, no. 7, 1968. Table of contents translated:
- Milva, G. M., Grigor'ev, A. M. - Experimental study of dynamics of the chain of a geared mechanical variable speed drive. p. 8.
- Dolinskii, V. M. - Equivalences of solid and perforated plates of two-layer steel. p. 8.
- Ryzhov, A. V. - Effect of the meshing coefficient on the magnitude of the lifting angle of the grinding bodies and on operation of the ball loading. p. 11.
- Nedoluzhnyi, V. A. - Constructing surfaces of complex shapes with the aid of three-dimensional curves of the third order. p. 14.
- Riabitsin, D. D., Riabitsin, D. D. - Universal spindles in polymer machinery industry and their calculation methods. p. 20.
- Zalica, P. M., and others. - Determining the speed and ejection angle of the material in a centrifugal mill. p. 27.
- Kozachok, A. A. - Certain cases of axisymmetric deformations of thermoplastic materials in a visco-liquid condition. p. 31.
- Iakhno, O. M. - Motion of a non-Newtonian fluid in the entrance section of a cylindrical tube. p. 35.
- Dubovitskiy, V. P. - On the theory of disk extruders. p. 41.
- Lamoch, I. I., and others. - Investigating the cooling mode of film during the upward blow-out production process. p. 43.
- Krasovskiy, E. P. - Calculating the induction heating of work gear presses during processing polymer materials. p. 48.
- Artemenko, E. V. - Effect of vibration on fluid consumption in jet atomization. p. 52.
- Vorontsov, K. G., Chernobyl'skiy, I. I. - Investigating the heat emission in the film of the sprayed fluid. p. 59.
- Nedzhukho, E. A., Popov, V. D. - Investigating heat emissions during boiling of crystallizing solutions. p. 63.
- Borovskiy, V. R. - Establishing a fluidized bed for evaporating low molecular compounds and moisture from organic wastes. p. 67.
- Borovskiy, V. R., and others. - Unit for moist-heat processing of synthetic fibers during the production of rubber on a single-process machine. p. 70.
- Khanin, I. M., Mikhlin, V. A., Brodskiy, M. V. - Efficient high-capacity nozzles for absorption apparatuses. p. 74.
- Boroditskiy, M. M., Mikhobenko, I. A., Iakhno, O. M. - Analysis of kinematics of a liquid flow in mechanical mixers. p. 79.
- Pishchikova, I. A. - Determining the concentration of molecules in a vertical reactor equipped with a mixing unit. p. 83.
- Vasilev, V. D., Tikhonov, I. A., Tikhonov, A. P. - Selecting a power drive for a centrifuge. p. 83.
- Chernobyl'skiy, I. I., Pivov, A. M., Greshchuk, M. A. - Study of thermal and physical properties of polypropylene. p. 91.
- Pavlishchev, M. I., Kravetskiy, L. I. - Average diameter, surface and volume values of the statistical aggregate of atomized liquid drops. p. 94.
- Ladiev, K. M., Stalichin, G. A. - Determining dynamic characteristics of an elastic object by transient process curves. p. 103.
- Makhsan, I. I., Greshchuk, A. E., Buravov, I. A. - Mathematical model of a reactor for emulsion polymerization of vinyl chloride. p. 108.
- Ladiev, K. M., Stalichin, G. A. - Experimental static and dynamic characteristics of "liquid" refrigerator in the systems of ethyl alcohol chlorination. p. 114.
- Utkin, E. A., Popov, V. D. - Operations of a steam jet compressor in a system of automatic control of the evaporation unit. p. 118.
- KHIMICHESKOE I NEFTYANOE MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE]. Organ of Odesk'skiy gosudarstvennyi khimicheskogo i nefteknologicheskogo inzhenerstva pri Odesk'skoy gosudarstvennoy universitete [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U. S. S. R.]. Moscow, no. 10, Oct. 1968. Table of contents translated:
- Litvinov, V. G. - Rigidity of supports of three-column centrifuges. p. 1.
- Bagirov, M. M. - Studying the effect of a shock absorber on the discharge of a submersible pump (without taking into account natural oscillations of rods). p. 3.
- Lisakov, P. D. - Flow of water-air mixtures in channels of operating parts of a centrifugal pump. p. 8.
- Bokan, S. S. - New thermal-action pistons for compressors. p. 9.
- Burochko, A. F. - Continuous PNV-2-type feeder-propeller for loose materials. p. 12.
- Ponomarev, V. G., Buhel, V. S. - Static and dynamic characteristics of a plate-type 100 m² heat exchanger. p. 14.
- Arkhov, A. M., Lomskaya, G. A. - Air separation units with an external refrigerator. p. 16.
- Kozlov, K. V., Khoroshevt, I. U. - Heat exchange of round tubes during their reciprocating motion in a liquid. p. 19.
- Bolshitskiy, M. M., Budakov, V. D. - Calculating constructions from polyether glass-reinforced plastics taking into account aging. p. 21.
- Shapiro, M. B. - Corrosion cracking of steel: a topic for discussion. p. 23.
- Kobchuk, A. R., Kikinda, A. A., Timofeev, M. M. - Selecting temperature for preliminary heating of chromium steels in boiler-welding operations. p. 25.
- Iakov, E. I., Moshin, E. M. - Machine for bending flanges from strips. p. 27.
- Lef'lanov, V. P., Shvachko, B. M., Baranik, L. V. - Factory equipment for stamping bottoms from different steels and alloys. p. 28.
- Tarasov, I. I., Korin, V. A. - Classification of safety valve designs. p. 31.
- Orlov, V. M., Korovin, I. U. - Technical and economic effectiveness of a system of automatic control and regulation (stabilization) of the thickness of plastic pipe walls. p. 34.
- Isarov, E. G., Koshchuk, R. A. - Studying the possibilities for modernizing shape of oval-type 600 mm, cast-iron valve gates. p. 36.
- Koshin, I. M., Tsimovskiy, I. R. - Unit-based bench for measuring coatings of reduction worm gears. p. 37.
- Mark'yanov, V. Sh., Mikhlin, B. A., Zhebtov, I. A. - Experience in automatic welding of chemical equipment with a plasma layer from metal metal. p. 37.
- Zakharov, A. P. - Device for the equipment of casting string bottoms preventing accidental collision of an extrusion plug with the stopper of its movement. p. 38.
- Pechko, M. A., Krasovskiy, V. L. - Elastic properties for stuffing-box seals of high-pressure fittings. p. 39.
- Kharinov, I. P., and others. - Drying equipment with mechanical mixing and grinding of material to be dried. p. 41.
- KDL 4 high-frequency welding press. p. 45.
- ARO 100 automatic centrifuge with a recurrent operating cycle. p. 46.
- KHIMICHESKOE I NEFTYANOE MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE]. Vsesoyuznyi nauchno-issledovatel'skiy institut khimicheskoi promyshlennosti [All-Union Scientific Research Institute of the Refractory Industry]. Moscow, vol. 48, no. 11, Nov. 1968. Table of contents translated:
- Prepar for the 100th anniversary of V. I. Lenin's birth. p. 1.
- Barinovskiy, V. S., and others. - Studying the performance of the blow-type TKM-38 turbine refrigerator with a thermal chamber. p. 4.
- Bekashevskiy, E. M., and others. - Analyzing the performance characteristics of compressors at the Minsk Cold Storage Warehouse No. 3. p. 8.
- Rynkevich, A. A., Utkin, G. E. - Pneumatic valves produced from elastic materials for air-conditioning units. p. 14.
- Lovtsov, V. V. - Testing of air-conditioning precision systems. p. 18.
- IVnel', B. K. - Thermal conductivity of frost on air-coolers. p. 22.
- Striptin, V. V., Kisev, B. N. - Characteristics of the calculation of heat influx into refrigerator-cases. p. 34.
- Malkin, L. Sh., Mikhogorodskiy, G. P. - New method of determining water microconcentrations in freon and lubricant-freon mixtures. p. 39.
- Molodtsov, E. L., and others. - Microbiological control of the sanitary state of refrigerating chambers. p. 43.
- Buzitsa, T. S. - Transfer of the Biga Cold Storage Warehouse No. 1 to new working conditions. p. 49.
- Kolotil, I. U. - Automation of a refrigerating installation with the AO-1280-type opposed compressors. p. 41.
- Shcherbakov, V. V., Karvin, K. Kh. - Reclamation of suction valves for ammonia compressors. p. 43.
- Lysenko, M. E., Vasilukhin, V. P. - How to check performance of the lubrication system for the compressor of a five refrigerating-car section. p. 44.
- Safety rules for ammonia refrigerating plants. (To be continued). p. 48.
- All-Union conferences on thermodynamics. p. 61.
- All-Union seminar in Sverdlovsk. p. 82.
- Nov inventions. p. 84.
- Papers presented to the 15th Commission of the 15th International Congress on Refrigeration. p. 88.
- Makarevich, E. B. - Freezers for the production of soft ice-cream. p. 89.
- Kletskiy, A. V. - Diagram, I, fig. p. for free C-318 p. 81.
- MASSOBSHCHENNYE PROTSSESY KHIMICHESKOE TEKNOLOGIY [MASS EXCHANGE PROCESSES IN CHEMICAL TECHNOLOGY]. Issued by Leningradskiy tekhnologicheskii institut imeni Lomonosova [Leningrad Technological Institute named after the Leningrad Soviet]. Leningrad, no. 2, 1967. Table of contents translated:
- Kishinevskiy, M. Kh., Koshchuk, T. S. - Two models in the theory of mass transfer. p. 6.
- Kishinevskiy, M. Kh., Koshchuk, T. S. - Problems of the diffusion complicated by a chemical reaction. p. 7.
- Levich, V. G., Brodskiy, A. M. - General theory of homogeneous-heterogeneous reactions in a flow. p. 8.
- Levich, V. G., Brodskiy, A. M. - Theory of homogeneous-heterogeneous reaction-chains in a flow. p. 9.
- Levich, V. G., Brodskiy, A. M. - Formation rate of the surface deposits in an extended reactor. p. 10.
- Levich, V. G., Oshennikov, I. A., Markin, V. S. - Hydrodynamic mixing in porous media with stagnant zones. p. 10.
- Levich, V. G., Chisnadzhov, I. A., Markin, V. S. - Study of hydrodynamic mixing in porous media by means of harmonic signal. p. 10.
- Levich, V. G., Chisnadzhov, I. A., Markin, V. S. - Two-phase diffusion model of porous media. p. 11.
- Vorotnik, V. P., Krylov, V. S. - Mass transfer in paired drops. p. 11.
- Rosen, A. M., Krylov, V. S. - Scale transition and hydraulic modeling of mass exchange apparatus and reactors. p. 11.
- Krylov, V. S. - Diffusion boundary layer on the surface of moving drop at the presence of volumetric chemical reaction. p. 12.
- Rosen, A. M., Krylov, V. S. - Role of hydrodynamics in the theory of mass transfer. p. 12.
- Pis'mova, L. M. - Hydrodynamic mixing in three-dimensional cellular structure. p. 13.
- Levich, V. G., Pis'mova, L. M., Koshchuk, S. I. - Hydrodynamic mixing in a granular layer. Physical model of stagnation zones. p. 13.
- Koshchuk, S. I., Pis'mova, L. M. - Local warming up in the points of contact of particles in a granular layer. p. 14.
- Pis'mova, L. M., Koshchuk, S. I. - Transverse diffusion and thermal conductivity in a granular layer. p. 14.
- Levich, V. G., Pis'mova, L. M. - Steady-state operations of reactor with a fixed layer. p. 14.
- Levich, V. G., Chisnadzhov, I. A., Kharkala, I. I. - Work of the porous grain of catalyst in an exothermic reaction of fractional order. p. 15.
- Levich, V. G., Kharkala, I. I., Pis'mova, L. M. - Effect of the external diffusion stagnation on the process in porous catalyst. p. 15.
- Pis'mova, L. M., Kharkala, I. I. - Stability of the conditions of exothermic reaction on porous catalyst. p. 15.
- Levich, V. G., Mikhov, V. P. - Kinetic theory of fluidized bed. p. 16.
- Dovilehara, A. M., Mikhov, I. G. - Thermal diffusion separation of mixtures in the field of centrifugal forces. p. 17.
- Kholodov, L. P., and others. - New method for determining the stationary degree of separation in column-type apparatus based on the initial part of kinetic curve. p. 18.

- Tsiv, A. A. - Analysis of mass transfer processes in thin films. p. 28.
- Kononov, M. D., Kononov, E. R. - Problems of the determination of absorptive resistance of gas and liquid phases. p. 33.
- Mitrosov, V. I., Mitrosov, V. I. - Study of the hydrodynamics and mass transfer in the Venturi injector absorber. p. 34.
- Gorobovskii, G. A., Avar'ianov, I. G. - Studies in the field of absorption of bromolichlorine refrigerating plants. p. 38.
- Koflov, K. S. - Study of mass transfer in the range of low concentrations as exemplified by the desorption of benzene, toluene, and gasoline from aqueous solutions. p. 37.
- Dymarskii, I. U. L., Borisov, G. S., Fufik, I. A. - Study of the work of jet apparatuses as exemplified by the absorption of CO_2 by water. p. 39.
- Kotov, M. M., Malinov, V. A. - Mass transfer in a tube with irrigated wall during liquid phase mixing. p. 39.
- Anastasiuk, V. A. - Mass transfer (actors and efficiency of spray column with vertical circulating liquids. p. 31.
- Mitrosov, V. I., Shashkova, G. M. - Saturated system: carbon dioxide - acetone. p. 33.
- Sam-Shik, L. K., Aerov, M. E., Bystrova, T. A. - Some relations between parameters of bubbling layer. p. 33.
- Mitrosov, V. I., Shashkova, G. M. - Effect of dimensions of Venturi jetless absorber on mass transfer and hydraulic resistance. p. 34.
- Meloditskii, I. P., Kryzhanovskaya, E. U. - Study of the absorption of sulfuric anhydride and carbon dioxide by alkaline solutions in columns with sieve plates. p. 35.
- Difman, V. V., Akseil'rod, I. U. V., Orlov, I. U. A. - Study of longitudinal intermixing of gas in column with ring packing. p. 37.
- Tsitserkov, A. B., and others. - Method for determining the effectiveness of the action of standardized plates of column apparatus. p. 38.
- Mikha, I. A., Galagala, M. K., Merubinskaya, V. D. - Study of mass transfer in rotor apparatus. p. 40.
- Kir'akov, V. M., Ushakov, I. P., Shadrinov, V. M. - Extraction of CO_2 from the gas mixture by low temperature absorption with acetone. p. 41.
- Kotlov, A. I., Kuznetsov, A. M., Do Van Dai. - Mass transfer in liquid phase on grid plates with two perforations. p. 42.
- Difman, V. V., Akseil'rod, I. U. V., Zhuravskaya, T. A. - Study of longitudinal mixing of liquids in packed scrubbers. p. 43.
- Rama, V. M., Furman, A. I. - Study of splash removing in packed towers. p. 44.
- Pogodovskii, V. M., Shapoval, A. I. - Some problems of studying the rectification kinetics of multicomponent mixtures. p. 46.
- Alexandrov, I. A. - Theoretical study of the effect of liquid removal on the effectiveness of separation process in rectification column. p. 47.
- Bagrov, I. V., Dekorsandov, L. L. - Problems of the separation of azeotropic mixture of methyl acetate - methanol. p. 48.
- Dekorsandov, L. L., Bagrov, I. V. - Equilibrium between liquid and vapor of the system methanol - water - sodium acetate. p. 50.
- Lashovskiy, M. A., Shashkov, P. A. - Distillation in tubular column of rapid mass exchange. p. 51.
- Reizinskii, V. R., and others. - Study of the rectification in column with a revolving rotor. p. 52.
- Khmal, L. A., and others. - Study of mass exchange between gas and liquid in film rectification. p. 54.
- Zel'venskii, I. A. D., Tsiv, A. A., Shalygin, V. A. - Studying the kinetics of rectification process in columns with fine packing by means of radioactive isotopes. p. 54.
- Malinov, M. A., Cherevich, G. M., Malinov, V. A. - Study of the effect of composition of binary mixtures on mass exchange at solid-liquid rectification. p. 57.
- Malinov, V. A., Lotikov, V. A. - Calculation of the transfer unit height in film rectification under counterflow conditions. p. 59.
- Malinov, V. A. - Effect of pressure on mass exchange in film rectification process. p. 60.
- Sokolov, N. M., Savitskaya, M. M., Zhavoronkov, M. M. - Liquid - vapor phase equilibrium systems of acrylonitrile - butadiene (styroacrylic acid, acrolein). p. 62.
- Sokolov, N. M., Savitskaya, M. M., Zhavoronkov, M. M. - Rectification laboratory equipment of azeotropic azeotrope for the preparation of pure substances. p. 68.
- Gerasovskii, V. A., Olevskii, V. M. - Kinetics of a mass exchange in the processes of film rectification of binary mixtures. p. 66.
- Tsiv, A. A., Mitrosov, V. I. - Calculation of the kinetics of rectification on bubble trays. p. 67.
- Rakov, G. I. A., and others. - Study of mass exchange kinetics in rectification of diluted solutions in plate and packed columns. p. 69.
- Malinov, V. A., Ushakov, M. K. - Approximation time to steady state of distillation column for molecular distillation. p. 70.
- Shukla, K. K., Pishov, L. M. - Study of distillation process with water vapor in Venturi pneumatic absorber. p. 71.
- Levash, I. P., and others. - Mass transfer in bubbling of superheated steam in distillation columns of chemical plant. p. 72.
- Anashin, I. M., Mitrosov, V. M. - Intensification of the mass exchange process in vertical rotating rectifier. p. 73.
- Anashin, I. M., Mitrosov, V. M. - Study of the mass exchange process in rotation apparatus. p. 74.
- Shoboditskii, I. P., Gushkevich, V. B. - Study of mass exchange on lamellar plate with recycling liquid. p. 75.
- Shoboditskii, I. P., Orlov, I. G. - Study of the mass transfer on ring lamellar plates. p. 76.
- Dorosh, V. M., Mitrosov, V. M. - Productivity of sieve packing extraction columns at low pulsation intensities. p. 77.
- Prokhorov, V. P., Sokolovskaya, G. P. - Study of the effect of direction of gas course into liquid on hydrodynamics of bubbling process and mass transfer. p. 78.
- Chernitskii, A. I., Maslitskii, K. I. U., Akseil'rod, G. A. - Kinetics of drying in the state of periodic blowing. p. 80.
- Radtsig, E. P., Pashovskii, A. M., Shashkov, V. A. - Study in the field of moisture contents in capillary-porous body of spherical form in the process of convective drying. p. 80.
- Pavlov, T. V., Pashovskii, A. M., Akopov, L. A. - Study of mass transfer in drying processes in a fluidized bed. p. 81.
- Pishov, V. M., and others. - Solution of problems on mass transfer in drying in a fluidized bed. p. 83.
- Chernitskii, A. I., Maslitskii, K. I. U. - Cooking cocoa beans in fluidized bed. p. 84.
- Ad, A. A., Romanov, P. G., Frolov, V. F. - Kinetic regularities of drying processes in a conical apparatus. p. 85.
- Kiselevskiy, V. M., Dushkova, V. A., Shirokov, A. G. - Studying the kinetics of growth of granules in a drying process and granulation of urea in fluidized bed. p. 86.
- Kuznetsov, M. V., Pashovskii, V. K., Chernobyl'skii, I. I. - Study of hygroscopic properties and mass exchange characteristics of some materials. p. 87.
- Kiselevskiy, V. M., and others. - Mathematical description of drying process in a fluidized bed. p. 89.
- Boleslavskiy, A. P., Gushkevich, V. B. - Drying of starch by infrared rays. p. 91.
- Kuznetsov, M. V., Chernobyl'skii, I. I. - Some results of the drying of polysaccharides. p. 92.
- Ozer, A. M., Kuznetsov, I. E. - Purification of gases by peat and coal alkaline scrubbers in the apparatus with a fluidized bed. p. 93.
- Prokhorov, V. P., Romanov, P. G., Frolov, V. F. - Work of grid plates with fluidized bed of a sorbent. p. 94.
- Kiselevskiy, M. M., Dekorsandov, V. M. - Studying the effect of the flow rate on mass transfer factor in the sorption of thionine acid in a fixed and fluidized bed of saline exchangers. p. 95.
- Kiselevskiy, M. M., Dekorsandov, V. M., Dolgoplov, A. I. - Approximate method for determining the time of screening effect of layer during sorption of granulation on saline exchangers. p. 96.
- Kiselevskiy, M. M., Dekorsandov, V. M. - Mixing of gas in apparatus with a fluidized bed of grain material. p. 98.
- Kiselevskiy, M. M., Dartsavits, I. A., Dolgoplov, A. I. - Study of mass exchange in the sorption of granulation on saline exchangers. p. 99.
- Kononovskii, A. A., Dartsavits, I. A., Sazonovskaya, G. D. - Equilibrium for KU-3 cation exchanger in solutions containing hydroxide, sodium, and calcium ions for static and dynamic conditions of ion exchange. p. 100.
- Krasnovskiy, V. F., Kononovskii, A. A. - Study of the kinetics of mass transfer during ion exchange on KU-3 cation exchanger. p. 102.
- Shvetskiy, B. I., Kononovskii, A. A. - Throughput of the apparatus with fluidized bed on solid phase. p. 103.
- Risay, M. U., Mitrosov, V. A., Tarasova, G. R. - Study of mass exchange in the sorption of hydrochloric acid on different adsorbents. p. 103.
- Risay, M. U., and others. - Study of ion exchange sorption in fluidization in packed columns. p. 104.
- Risay, M. U., and others. - Kinetics of mass exchange processes on furan cation exchangers. p. 106.
- Risay, M. U., Mitrosov, V. A., Mitrosov, R. A. - Study of the kinetics of sorption on furan cation exchanger. p. 106.
- Iustov, M. M., Risay, M. U., Mitrosov, V. A. - Hydrodynamics of fluidization of solid layer of polydispersed ion exchanger. p. 107.
- Iustov, M. M., and others. - Calculation of optimum solid layer of polydispersed ion exchanger. p. 108.
- Risay, M. U., and others. - Study of hydrodynamics of ion exchange processes in cylindrical apparatus. p. 110.
- Risay, M. U., and others. - Studying the mechanism of ion exchange purification of tartaric acid diffusion into furan cation exchangers. p. 110.
- Dymarskii, I. U. L., Koshchinskaya, M. V., Golovina, V. M. - Problems on the separation of diluted solutions of polymeric films. p. 111.
- Kiselevskiy, A. A., and others. - Penetration of hydrocarbons through polyethylene films. p. 112.
- Kiselevskiy, M. M., Dekorsandov, V. M., Tarasova, G. R. - Experimental study of mass transfer from the wall of a smooth tube to turbulent flow at Prandtl large numbers. p. 114.
- Shashkov, V. A., Pashovskii, A. M., Radtsig, E. P. - Study of heat and mass transfer in spherical form bodies to gas flow. p. 115.
- Mitrosov, M. I., Mitrosov, K. - Studying the processes of substances from solid materials presence of polystyrene. p. 116.
- Akseil'rod, G. A., Semenishin, E. M. - Kinetic extraction of aluminum oxide from slimes Gushkevich, G. K., Orlova, E. I., Gushkevich, L. A. Lateral nonuniformity in the work of exit. p. 119.
- Pashovskii, M. N., Lysanskii, V. M., Buzynskiy, M. S. Mass exchange in the systems solid - Mass studied longitudinally from chain-type and p. 120.
- Pashovskii, M. N., Lysanskii, V. M., Buzynskiy, M. S. Study of a mass exchange (system solid - in extraction apparatus of trough-shaped (Dd). p. 121.
- Lysanskii, V. M., Verkhovskiy, A. P. - Analysis of the mass transfer process in continuous extraction apparatus KDA-44. p. 121.
- Risay, M. U., Tarasova, G. R., Mitrosov, V. A. Study of mass exchange in the extraction from solids. p. 122.
- Kiselevskiy, M. M., Shashkov, V. F. - Studying crystallization kinetics based on the nearly distribution of crystals in a fluidized bed. p. 123.
- Malinov, V. A., Kononov, V. V., Borisov, G. S. Study of the separation of mixtures by the columnar crystallization. p. 124.
- Gus'akovskiy, D. K., Popov, V. D. - Accurate determination of methanol solubility. p. 125.
- Arnshtam, A. B., Kiselevskiy, M. M. - Experimental study of the kinetics of absorption azeotropic chemical reaction. p. 127.
- Rodionov, A. I., Visker, A. A., Peruchinskaya, G. A. Calculation of the absorption process of C alcohol solutions in column with grid plates. p. 128.
- Dymarskii, I. U. L., Kiselevskiy, G. G., Borisov, G. S. Study of chemisorption process on sieve plates. p. 131.
- Dymarskii, I. U. L., Borisov, G. S., Kiselevskiy, M. M. Study of chemisorption process on sieve plates. p. 131.
- Akseil'rod, I. U. V., Difman, V. V. - Mechanical mathematical description of the absorption of carbon dioxide by aqueous solution ethanolic in packed scrubbers. p. 133.
- Dekorsandov, L. L., Ushakov, I. P., Shadrinov, V. M. Solubility of acetylene and carbon dioxide in methylpyrrolidone at low temperatures at pressures. p. 134.
- Kiselevskiy, G. M., Ushakov, I. P., Shadrinov, V. M. Separation of gases of thermal condensation of methane by the method of low temperature absorption with methanol. p. 138.
- Shadrinov, V. M. - Study in the field of preparation of low temperature concentrated solutions of p. 139.
- Rodtsig, G. M., Tikhonovskiy, A. B., Goshchinskaya, G. R. - Mass exchange in the process of reaction of sodium phenoxide by carbon dioxide. p. 140.
- Tikhonovskiy, A. B., Goshchinskaya, G. R., Rodtsig, G. M. - Development of differential apparatus composition of sodium phenoxide by carbon dioxide. p. 141.
- Varkovskiy, M. I., and others. - Use of high spark electric discharges in pulp for inter of acid decomposition of organic compounds. p. 142.
- Kiselevskiy, G. M., and others. - Kinetics of oxidation of sulfuric anhydride in a fluid catalyst bed. p. 143.
- Pogodovskiy, V. M., Kiselevskiy, I. P. - Synthesis of methanol on acid catalyst. p. 144.
- Kiselevskiy, I. P., and others. - Water-resistant catalyst for the oxidation process of chloride in a fluidized bed. p. 145.
- Kiselevskiy, M. M., Avar'ianov, A. A., Kiselevskiy, M. M. Oxidation of methanol into formaldehyde at alcohol in a fluidized bed of aluminum oxide. p. 147.
- Lashovskiy, I. G., Goshchinskaya, A. E., Avar'ianov, A. A. Study of pyrolytic firing. p. 149.
- Kiselevskiy, V. M., Akopov, L. A. - Use of bed for high temperature conversion of p. 144.
- Kiselevskiy, V. M., Shashkov, E. M. - Use of series of twirling currents for high temperature conversion of natural gas. p. 144.
- Kiselevskiy, V. V. - Calculation of resistance to one channel interaction between gas and in a fluidized bed. p. 147.
- Tarantinskii, E. A., and others. - Study of SO₂ flow from solid ligatures of cellulose-papers under heavy conditions. p. 149.
- Kiselevskiy, M. M., Lotikov, V. A., Malinov, V. A. Study of hydrodynamics of column with highly effective packing. p. 150.

- Belikov, M. A., Mal'nev, V. A. - Study of hydrodynamics of column with phase-parallel packing for rapid mass exchange. p. 151.
- Belikov, M. A., Mirde, E. K. - Hydrodynamics of direct-flow sieve apparatus with descending current of gas and liquid. p. 153.
- Belikov, M. A., Kiselev, V. M., Belikov, A. A. - Study of hydrodynamics of the elements of a cyclone plant. p. 154.
- Belikov, M. A., Kiselev, V. M. - Study of hydrodynamics of thin-film rotor distillation apparatus. p. 155.
- Belikov, M. A., Kiselev, V. M. - Minimum permissible density of sprinkling in equipment with falling film. p. 157.
- Belikov, M. A., and others. - Some problems of hydrodynamics of vapor-liquid systems in columns with small packing. p. 158.
- Belikov, M. A., Kiselev, V. M. - Hydrodynamics of spray plates with repelling elements. p. 159.
- Belikov, M. A., Kiselev, V. M., Cherkov, O. S. - Study of hydrodynamics of plate irrigators for small diameter columns. p. 160.
- Belikov, M. A., Radomskiy, B. A. - Study of hydrodynamics and mass transfer on ring spray plate. p. 162.
- Belikov, M. A., Trofimov, L. L. - Study of hydrodynamics and mass transfer of conical spray plate. p. 163.
- Belikov, M. A., Samoylov, P. A. - Study of the distribution of irrigating liquid in multistage apparatus of rapid mass exchange. p. 164.
- Belikov, M. A., Tuzov, I. V., Nedoborov, I. U. P. - Effect of the angle of taper of solid cone on hydraulic resistance of Venturi absorber. p. 165.
- Belikov, M. A., Kiselev, V. M., Radomskiy, B. A. - Study of hydrodynamics and mass exchange in columns with phase-parallel packing. p. 166.
- Belikov, M. A. - One-dimensional current of orderly coexisting mass with confined surface. p. 168.
- Belikov, M. A., Radomskiy, B. A., Arasimov, E. S. - Evaluation of the effect of ascending gas current on a thickness of discharging liquid film. p. 170.
- Belikov, M. A., and others. - Hydraulic resistance at ascending film flow of liquid in phase with. p. 172.
- Belikov, M. A., Kiselev, V. M., Ruzova, N. G. - Method for measuring the local thickness of film and its profile. p. 173.
- Belikov, M. A., Dzhuma, V. V. - Surface of phase contact and sizes of bubbles in bubbling apparatus. p. 174.
- Belikov, M. A., Mokhov, I. U. K., Korshak, T. P. - Hydraulic characteristics of different constructions of plates from 8-shaped elements. p. 175.
- Belikov, M. A., and others. - Hydrodynamics of bubbling through a layer of liquid with packing. p. 177.
- Belikov, M. A., Kiselev, V. M., Ruzova, N. G. - Hydraulic resistance and absorption of CO_2 in bubbling through a layer of liquid with packing. p. 178.
- Belikov, M. A., Tuzov, I. V. - Study of hydrodynamics of ejector gas-liquid currents in a centrifugal field. p. 180.
- Belikov, M. A. - Spray mass exchange column with vertical vapor (gas) distributing lattices. p. 181.
- Belikov, M. A., Radomskiy, B. A. - Eddy viscosity in two-phase flow. Calculation of bubbling rectification apparatus. p. 182.
- Belikov, M. A., Kiselev, V. V. - Problems of the use of blowing ventilator blades in rotational mass exchange equipment. p. 183.
- Belikov, M. A., Kiselev, V. V., Popov, G. S. - Determination of film thickness on the surface of fast rotating conical elements. p. 184.
- Belikov, M. A., Tuzov, I. V. - Conditions for determining the uniformity of work of standardized plates with square cups. p. 185.
- Belikov, M. A. - Constructional special features and hydrodynamics of new rapid mass exchange column with conical elements. p. 187.
- Belikov, M. A., Kiselev, V. M., Ruzova, N. G. - Wettability of different surfaces by water and solutions of surface active agents. p. 188.
- Belikov, M. A. - Study of hydrodynamics of valve control devices. p. 190.
- Belikov, M. A., Andreev, V. I. - Effect of physical properties of gas and liquid phases on splash removal from sieve plates. p. 191.
- Belikov, M. A., Viskov, A. A., Radomskiy, B. A. - Determination of the value of contact surface of phases in separate space of columns with grid plates. p. 192.
- Belikov, M. A., Kiselev, V. M. - Flotation of density in a fluidized bed. p. 193.
- Belikov, M. A. - Interacting of solid phase in a fluidized bed on sieve plate. p. 194.
- Belikov, M. A., Radomskiy, B. A., Onifanov, A. D. - Study of the structure of layer and the motion of particles in apparatus with a gushing layer. p. 195.
- Belikov, M. A., Kiselev, V. M. - Determination of dimensions of absorption apparatus based on the data of experimental studies. p. 196.
- Belikov, M. A., Kiselev, V. M., Radomskiy, B. A. - Driving force of mass exchange process in a fluidized bed. p. 197.
- Belikov, M. A. - Relations for the calculation of limit loads at flooding of equipment with countercurrent two-phase flows. p. 198.
- Belikov, M. A., Kiselev, V. M., Andreev, V. I. - Calculation of equipment with a fluidized bed. p. 200.
- Belikov, M. A., Kiselev, V. M. - Method for calculation of tubular reactors. p. 203.
- Belikov, M. A., Tuzov, I. V. - Method of approximate optimization of mass transfer processes. p. 204.
- Belikov, M. A. - Some problems of algorithmization of low temperature air separation process. p. 206.
- Belikov, M. A., Den'kova, V. I., Markovskiy, V. A. - Algorithmization of dephlegmation process in production of ethyl alcohol. p. 207.
- Belikov, M. A., Den'kova, V. I., Malezhik, I. F. - Calculation of the rectification process of ideal multicomponent mixtures on digital computer. p. 208.
- Belikov, M. A., Kiselev, V. I. - Simplified calculation method for the rectification process and equipment for multicomponent mixtures (including azeotropic mixtures). p. 210.
- Belikov, M. A. - Some problems of the synthesis of a system of optimum control of rectification column for the separation of binary mixtures. p. 211.
- Belikov, M. A., Kiselev, V. I. - Some problems of the use of statistical dynamics for analysis of characteristics of industrial rectification columns. p. 212.
- Belikov, M. A., Popov, D. M. - Calculation of equilibrium in multicomponent systems liquid-vapor by the data for binary systems. p. 213.
- Belikov, M. A., Kiselev, V. I., Andreev, V. I. - Optimization of absorption process of nitrogen oxides of low concentrations in both apparatus with utilization of multicomponent phase diagram. p. 214.
- Belikov, M. A., Den'kova, V. I., Den'kova, V. I. - Development of programs for calculating the number of plates of fermenting mixture columns using electronic digital computer. p. 215.
- Belikov, M. A. - Optimization of the rectification process of cooling-heat gas. p. 216.
- Belikov, M. A., Andreev, V. I. - Calculation of mass exchange equipment with stationary layer of sorbent in the systems solid-liquid (gas). p. 218.
- Belikov, M. A., Kiselev, V. I., Andreev, V. I. - Calculation of mass exchange on laminated plates. p. 219.
- Belikov, M. A., Andreev, V. I. - Calculation of a level of gas-liquid mixture (dome) on bubble trays and the coefficient of gas-liquid flow. p. 221.
- Belikov, M. A., Kiselev, V. I., Andreev, V. I. - Calculation of the number of rectification columns plates. p. 222.
- Belikov, M. A., Kiselev, V. I. - Calculation of polymerization process of graft materials during their treatment in a fluidized bed. p. 223.
- МЕХАНИКА ПОЛИМЕРОВ (MECHANICS OF POLYMERS).** Edited by Academician and Laureate of the USSR Academy of Sciences of the Leningrad S. S. U. R. I. R. I. No. 4, 1977.
- Table of contents translated:
- Lavrov, L. A., Korshak, E. V. - Effect of molecular weight on stress-strain properties of oriented amorphous polymers. p. 175.
- Belikov, M. A., Kiselev, V. I., Logvinenko, V. K. - Thermodynamic method for the determination of molecular weights of amorphous linear polymers. p. 180.
- Lavrov, L. A., Savitskiy, A. V., Den'kova, V. P. - Dependence of the strength of polyethylene and copolymer on the degree of orientational drawing. p. 182.
- Lavrov, L. A., Korshak, E. V., Korshak, E. A. - Effect of the nature of alkyl group of 3-alkylsubstituted butadiene on viscoelastic and tensile properties of polymers obtained by polymerization with lithium butyl. p. 184.
- Lavrov, L. A., Kiselev, V. I., Korshak, E. V. - Study of the interaction of organosilicon fillings with a surface of glass fiber by the method of infrared spectroscopy. p. 186.
- Gubarev, A. I. - Potential energy of the deformation of polymer molecules in nonlinear approximation. p. 188.
- Regel', V. B., Chernyi, N. M., Bobov, T. B. - Effect of ultraviolet radiation on stress relaxation rate in polymers. p. 191.
- Gubarev, A. I., Lavinskaya, V. A. - Relations between rheological characteristics of tetrafluoroethylene polymers determined in different conditions of loading and temperatures. p. 193.
- Kolomoys, M. A. - Separation of the main part of hereditary functions of influence for description of relaxation processes in the initial period. p. 195.
- Kolomoys, M. A., Kiselev, V. I. - Analysis of possible combinations of local stresses in the theory of strain localizability. p. 197.
- Pokladin, B. E. - State equations of viscoelastic isotropic media. p. 198.
- Dyrdov, R. I., Lavinskaya, V. A. - An approximate method of problem solution of the theory of elasticity for incompressible material in the case of large deformations. p. 200.
- Belikov, M. A., Kiselev, V. I., Logvinenko, V. K. - Some special features of the flow process of polyethylene. p. 202.
- Van Foey, G. A., Kiselev, V. I. - Study of the dependence of mechanical properties and internal field of stresses in shearing on the form of microstructure of reinforced media. p. 204.
- Belikov, M. A. - Calculation of one-dimensional creep of polymers in stepwise loadings. p. 207.
- Belikov, M. A., Urshakov, I. U. S. - Thermal creep of polyethylene under cyclic temperature effect. Part I: Uniaxial tension. Methods of tests and experimental data. p. 208.
- Urshakov, I. U. S., Belikov, M. A., Kiselev, V. I. - Approximation of relaxation spectra. p. 210.
- Prosvirnin, V. I. - Change of the work of brittle failure at the impact loading of polymeric material 40K60V under stress. p. 212.
- Belikov, M. A. - Geometry of the strength theories. p. 213.
- Kiselev, V. I., Gelfand, I. I., Korshakovskaya, A. Z. - The role of the diffusion of aggressive medium during the failure of strained rubbers. p. 215.
- Kiselev, V. I., Kiselev, V. I. - Fatigue and failure of stabilized polypropylene. p. 217.
- Belikov, M. A., Kiselev, V. I. - Effect of the inelasticity of glass fiber on long-time strength of reinforced plastics under uniaxial tension along the fibers. p. 218.
- Belikov, M. A., Lavinskaya, V. A., Korshakovskaya, A. Z. - Temperature dependence of the area of actual contact and friction force of high elastic materials. p. 219.
- Tarapovskiy, I. U. S., Roco, A., Kiselev, V. I. - Dealing of restrained beams from the materials with low shear resistance. p. 220.
- Margolin, G. A. - Modulus of elasticity in bending of thin samples from an unidirectional glass-reinforced plastic. p. 221.
- Belikov, M. A., and others. - Polyimides as self-lubricating materials. p. 222.
- Kiselev, V. I., and others. - Study of the remanent strain of rubber-elastic constructions based on copolymers. p. 223.
- Belikov, M. A., Kiselev, V. I. - Mechanical method for studying the kinetics of the diffusion of liquid polymers under compressive stress. p. 224.
- Vlasov, V. P. - Resistance of tubes made of hard polyethyl chloride to variable internal pressure. p. 225.
- Andreev, V. I., Korshakovskaya, D. V. - Methods of testing the strength of bars made of polymers and glass-reinforced plastics. p. 226.
- Gorodtchikov, B. M., Feldman, G. I., Kiselev, V. I. - Calculation of the changeability of Poisson coefficient in studies of the stressed state of rubber parts. p. 227.
- Tuzov, I. V., Belikov, M. A. - Apparatus for studying the temperature-time dependence of the adhesion of polymers to solids. p. 228.
- Gumovskiy, V. S., Lavinskaya, V. A. - Effect of aggressive media on strength characteristics of glass-reinforced plastic. p. 229.
- Sidorov, A. B., Lavinskaya, D. V. - Interconversion of Physical Strength of Solid Polymers. p. 230.
- No. 4, Sep.-Oct. 1976.
- Table of contents translated:
- Kiselev, V. I., and others. - Change in mechanical properties of coatings under the effect of structural transformations proceeding in amorphous polymeric films. p. 171.
- Pravilov, V. I. - Role of PMMA supermolecular structure in the morphology of fracture and its features introduced by mode of loading. p. 172.
- Belikov, M. A., and others. - Effect of crystallization on the mechanical properties of cellulose triacetate and acetate-butylates. p. 173.
- Belikov, M. A., Kiselev, V. I., Kiselev, V. A. - Connection between creep curves and stress-strain diagrams of polymers. p. 177.
- Urshakov, I. U. S., Kiselev, V. I. - On vibration-time analogy. p. 178.
- Belikov, M. A. - Possibility of determination of the shear modulus of glass reinforced plastics by means of large four-link chain. p. 180.
- Gubarev, A. I., Savitskiy, N. F., Kiselev, V. I. - Study of the mechanical properties of glass reinforced plastic under tension and compression normally to the reinforcement plane. p. 182.
- Belikov, M. A. - Compression of orthotropic prism. p. 183.
- Belikov, M. A., Kiselev, V. I. - Local buckling of compressed elements from laminated viscoelastic materials. p. 184.
- Viskov, S. D., Mendel'son, V. M. - Theory of thermal stresses in the reinforced plastic. p. 185.
- Belikov, M. A., Kiselev, V. I., Dyrdov, V. I. - Definition of parameters of the fractional exponential model during relaxation of damping rubber in shear. p. 186.

- Troitskaya, E. B., Kovikov, V. U., Kazanski, I. U. - Effect of elevated temperatures on the strength of hardened resins and materials based on them. Part 3. Effect of elevated temperatures on the strength of glass textiles. p. 632.
- Derezhnikov, V. V., Krivopal, B. A. - Scale effect and statistical theory of the strength of polymer coatings. p. 639.
- Novik, A. M., Anisim, V. P. - Conditions of compactness of orthogonally reinforced plastics under tension. p. 644.
- Germelis, A. A., Latschenko, V. A., Lipovskii, V. I. A. - Dependence of the rheological characteristics of filled polypropylenes on the amount of filling conditions of loading and temperature. p. 653.
- Zhegon, I. G. - Experimental evaluation of the effect of preliminary two-directional stretching of fibers on some elastic constants of cloth laminates. p. 658.
- Khlebnikov, V. - Optimum winding of glass reinforced plastic shell subjected to external pressure and axial compression. p. 664.
- Bartov, G. M., and others. - Study of the lubricating action of greases when rubber is sliding over metal surface in the high temperature range. p. 676.
- Lepik, I. U., Bakikov, K. - Supercritical stage of plates having lost their stability beyond the elastic limit. p. 681.
- Iygi, R. - Steadiness of elastic-plastic solidly sloping arcs. p. 687.
- Kozis, I. - Effect of initial imperfections on equilibrium states of elastic-plastic plates. p. 697.
- Bauer, L. V., Tormazov, N. G. - Steadiness of pivots made of glass reinforced plastics. p. 698.
- Ross, A. - Kozis, I. - Steadiness of rods made of glass reinforced fibers. p. 698.
- Ivanov, O. - Calculation of glass reinforced hollow structures together with cylindrical shells. p. 698.
- Fabrizio, L., Tikhonov, M. - Thixotropy of filled polyethylene melts at periodic shear. p. 697.
- Kozis, I. - Flow in an extruder. Newtonian liquid. Productivity. p. 697.
- Bugala, V. - Apparatus for thermomechanical tests of polymers. p. 697.
- Gerasimova, L. - Connection between internal stresses and the structure of polyacrylonitrile filaments. p. 697.
- Grishina, M. I. A., Likhachev, S. V., Kozlov, P. V. - Mechanical properties of plasticized film-forming agents based on chlorinated polymers. p. 697.
- Ivanova, I., Stepanov, V. - Influence of cyclic asymmetry on cyclic strength of polymers. p. 697.
- Malkin, A., Faltseva, L. - Symposium on the rheology of polymers. p. 697.

SAGHARMAIA PROMYSHLENNOST' [SUGAR INDUSTRY]

- Organ of Gosudarstvennyi komitet po pishchevym promyshlennost' pri Gosplane USSR and Tsentrall'noe pravleniye Mashino-tekhnicheskogo stroitel'stva pishchevym promyshlennost' [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry], Moscow, vol. 42, no. 11, Nov. 1968. Table of contents translated:
- Best use of productive capacity. p. 1.
- Lanovik, B. D. - Development of the sugar industry in the western regions of the Ukrainian S.S.R. during the Soviet rule. p. 6.
- Answers to M. K. Khlebnikov's article "Let's create a success of the sugar industry." p. 6.
- Shvritov, D. S., and others. - Evaluation of drying-cooling apparatus for granulated sugar. p. 11.
- Grigorenko, B. A., Gerasimovskiy, A. A., Orlov, L. A. - Microclimate in meadows of beet sugar plants in the Ukraine. p. 20.
- Shchegolev, S. L., and others. - Study of various methods for diffusion juice purification. p. 23.
- Shchegolev, M. F., Deynash, V. G., Krut'kova, V. K. - Industrial testing of the electric drive of a diffuser with a PT-D control circuit. p. 26.
- Espartero, A. I. A., Kovalkovskiy, T. P., Ivanova, L. K. - Effect of diffusion and the water reaction during the determination of the pH of refined sugar products. p. 23.
- Domanenko, M. F. - Improve sand removal from milk of lime. p. 26.
- Prizmek, M. P., Shchegolev, A. M. - Ways to increase the economic efficiency of the beet sugar industry. p. 30.
- Troitskaya, V. M. - Adoption of the scientific organization of labor in plants of the Central Black Earth Region's Administration of the Sugar Industry. p. 43.
- Popov, M. G. - Possibilities of decreasing the sugar costs in plants of the R.S.F.S.R. p. 44.
- Bikman, G. D. - Technical, industrial, and financial planning under new economic conditions. p. 46.
- Kozlovskiy, B. S. - Scientific-Technological Society of the Beetery Plant promotes technological progress. p. 52.
- Danileva, V. A. - Perfecting the calculation of production costs for the complete processing of beets. p. 53.
- Golyskii, V. S. - Estimated prices of starch products. p. 57.
- Lorenzova, G. M., Kovtunenko, L. I. A. - Structural and mechanical properties of starch processed from corn starch modified by acid. p. 58.
- Tverdoklebov, L. S. - Trends of the juice purification

technology in the sugar industry of Poland. p. 66.

All-Union conference of young specialists of the sugar industry. p. 69.

STIKLO I KERAMIKA [GLASS AND CERAMICS]

- Issued by Gosudarstvennyi komitet po promyshlennost' stroitel'stva materialov pri Gosplane USSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.], Moscow, vol. 34, no. 11, Dec. 1967. Table of contents translated:
- Lev, E. U. - Designing of glass industry enterprises in the U.S.S.R. during the past 50 years. p. 2.
- Ruga, A. S., Antipenko, T. I. - Plant named after the October Revolution. p. 4.
- Tkachevskiy, V. F. - Dym'kovo out glass plant. p. 4.
- Kovaleva, G. A. - Stages of improving drying technologies in the manufacture of fine ceramics. p. 4.
- Pavlov, N. A., Elinova, L. A. - One of the causes for the appearance of air bubbles in sheet glass. p. 12.
- Obidlo, M. V., Rasyukina, E. I., Tarkov, A. L. - Experience in the industrial determination of glass viscosity on tank furnace feeders. p. 16.
- Golubeva, M. V., El'kina, E. A. - Preliminary calculation of synthetic silicon dioxide in the manufacture of products by the sintering method. p. 14.
- Rogozhin, I. U. V., Raskhova, A. V., Syrkalin, Z. M. - New solutions for the chemical industry. p. 22.
- Kozlov, G. V., Maryanova, V. M., Chelkova, A. L. - Influence of the "WT" disperser and electrolyte on the casting properties of feldspar slips. p. 24.
- Krasnosel'skaya, A. S. - Some features of body and glass during high-speed firing of tiles in roller furnaces. p. 26.
- Mur'manskii, K. L., Rogozhin, L. V., Bantov, G. T. - Increasing durability and longevity of glass models. p. 24.
- Obidlov, B. M. - Installation for neutralizing waste water resulting from chemical polishing of products. p. 30.
- Svetitskaya, A. N. - Colored glasses for feldspar facing tiles. p. 32.
- Pobelov, V. G. - Results and problems of the new way of working. p. 36.
- Bes', Z. P., Givvorozskiy, I. A. S. - Seminar of heat engineers from porcelain and feldspar plants of the Ukrainian S.S.R. p. 36.

ZHURNAL PRIKLADNOY KHIMII [JOURNAL OF APPLIED CHEMISTRY]

Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow. Usual index for vol. 42, 1968.

I. CIVIL & CONSTRUCTION ENGINEERING

ARMIANIKI MAUCHNO OBLKEDOVAT'EL'SKIY INSTITUT VOYNIKH PROBLEM I GIDROTEKHNIKI. Trudy [ARMENIAN RESEARCH INSTITUTE FOR WATER MANAGEMENT AND HYDROTECHNOLOGY. Transactions]. Yerevan, vol. 10(8), 1967. Table of contents translated:

- Aghakhanian, G. A., Amshin, A. K. - Short report on the works of the Armenian Scientific Research Institute of Water Supply and Hydraulic Engineering. p. 3.
- Aghakhanian, G. A. - Some problems of planning irrigation systems. p. 17.
- Martirosova, R. S. - Methods of determining optimal irrigation capacities of the rivers with unregulated flow. p. 30.
- Shadrin, O. R., Sarkisyan, O. E. - Efficiency of using mobile sprinkling equipment as exemplified in the Kobaykovo Plateau. p. 37.
- Mikheev, G. M. - Furrow irrigation of the orchards in submontane regions of the Ararat Plain. p. 40.
- Mikheev, G. M., Megerik, T. O. - Water consumption of barley in the submontane lands of the Ararat Trough. p. 50.
- Alapov, B. S., Arakyan, K. M. - Furrow irrigation practice of filled crops and the elements of its efficiency. p. 60.
- Shadun, S. V. - Changes of absorption rate in furrow irrigation as dependent on tractor wheel load. p. 70.
- Osipov, G. A. - Standards, calculation methods and some technical regulations for projecting irrigation of high-mountain pastures. p. 83.
- Martirosova, R. S. - Influence of drinking water temperature on milk yield and water consumption of the cows in high-mountain pastures. p. 91.
- Vergina, M. N., Sarkisyan, Y. R. - Method of the hydrodynamic calculation of a straight row of wells in sedimentary strata. p. 108.
- Asatryan, A. K., Shadun, G. A., Orbelian, M. S. - Field research on hydrodynamic characteristics of water drive layers under free flow conditions. p. 121.
- Mikheev, G. M. - Drainage norms for cornfields

- under the conditions of mountainous, water-irrigated soils in Ararat region. p. 124.
- Chilingarian, L. A., Mikhkarian, S. A. - Water and power supply characteristics in the up of the Bevan-Raxian hydroelectric power cascade under normal and irrigation conditions. p. 143.
- Mikhkarian, S. A. - Compiling algorithms and program with the help of the BESMA-1 computer for the calculation of water and power supply characteristics of the Bevan-Raxian hydroelectric power plant cascade. p. 162.
- Torgonian, M. S. - Methods for determining power operation load of the cascade of hydroelectric power plants under daily requirements. p. 166.
- Chilingarian, L. A. - Compounding parameter variation solution of a multiparameter problem as applied to determining optimal parameter water supply systems. p. 173.
- Khachatrian, G. S. - Return water systems in trial use. p. 179.
- Oganesian, K. A. - Preliminary investigation of actual water consumption for industrial household needs. p. 183.
- Oskanidze, S. M., and others. - Some data of the present-day pollution of Araxes water bodies. p. 186.
- Oskanidze, S. M., Karamian, B. G., Khar'yan, E. Kh. - Mixing and self-purification of water in the Araxes S.S.R. p. 181.
- Alaian, M. A. - Conditions for flow formation basins of Raxian, Arax and Vadi Rivers. p. 181.
- Martirosova, R. S. - Determining rated flow during a year. p. 203.
- Shadun, G. A. - Underground runoff of rocky basins. p. 213.
- Davies, N. A. - Photographs in the yearly run of Gogamsky basins rivers. p. 223.
- Shadun, G. A. - Projections distributed Gogamsky basins. p. 226.
- Mikhkarian, S. A. - Effect of vertical ocean evaporation rate near coastal areas. p. 2
- Petrovskiy, M. A. - Use of the numerical solution of the nonlinear equation of transformation calculation of wind velocity profile over a reservoir. p. 243.
- Zorin, E. A., Mikhkarian, A. M. - Change velocity over a mountain reservoir as the over Ararat Bay. p. 257.
- Akopian, A. S. - Determining evaporation from ground water surfaces in the Ararat Plain. p. 263.
- Lamarian, A. G. - Experiments in using water layers in order to reduce evaporation from water surfaces. p. 269.
- Zharnovskiy, V. M. - Determining reduced flow rate from Araratish Lake due to the action of a monomolecular layer. p. 279.
- Mikheev, G. M. - Heat balance of Ararat during the summer periods in 1962-1964. p. 283.
- Egiazarov, I. V. - Generalized criterion of stability and the determination of a peak by the traces of a turbulent steady flow. p. 289.
- Tsolyan, M. V. - Determination of a storm runoff by regional empirical formulas. p. 299.
- Tsolyan, M. V., Karamian, M. M. - Storms and their measurements in the Armenian p. 329.
- Amiryan, R. G. - Design of sand flow channels considering transport capacity of the flow. p. 329.
- Karamian, M. E. - Some physicochemical states of sand-clay mix in static state. p. 334.
- Shadun, G. A., Grigorian, G. A. - Some re-operating a water inlet system with filter. p. 337.
- Shadun, L. B. - Laboratory research data on hydraulic sand pipes. p. 344.
- Amiryan, R. G. - Experimental investigation of all discharging shaft siphons. p. 348.
- Mikheev, G. M. - Tubular outlets. p. 371.
- Amiryan, R. G., Karamian, A. A. - Draw-in capacity of siphon siphons. p. 371.
- Tar-Martirosova, R. A. - Use of slag aggregate concrete in irrigation structures. p. 380.
- Dzhuravskiy, E. T. - Interaction of phases in sediment-transporting two-phase flow with turbidity degree. p. 401.
- Kristoforova, I. G. - Studying variable flow in the expanding section of a channel. p. 401.
- Shadun, G. A. - Hydraulic calculation of all ways from prismatic and acaplastic flows with trapezoidal profiles. p. 418.
- Mikheev, G. M. - Determining the dynamics of drawing-off capacity. p. 426.
- Khachatrian, R. M. - Discharge coefficient of a bar grid in a mountain water intake. p. 438.
- Shadun, B. L., Shadun, I. U. A. - Improvements for calculating variable flow in the pipes of fogal pumps. p. 440.
- Oskanidze, R. Kh., Datsagyan, T. A. - Digital of wave fluctuations of water level. p. 44

Osepekin, K. Kh. - Delays in hydroturbine torque changes under the conditions of power plant parallel operation. p. 463.
 Adamova, E. E., Osepekin, K. Kh. - Automatic spreading of a chemical layer over reservoir surface in order to reduce evaporation rate. p. 460.
 Lipart, Bagartovich Baulatova, obituary. p. 476

БЕДІВІЛНІ МАТЕРІАЛІ І КОНСТРУКЦІЇ (BUILDING MATERIALS AND CONSTRUCTION ELEMENTS). Issued by Gosstroyizdat Ukrainy sprava budyvnytsya Ukrainy (Ministry of Construction of the Ukrainian S.S.R. and the Ministry of Construction of the Ukrainian S.S.R.). Kiev, vol. 10, no. 3, Mar.-Apr. 1966.

Table of contents translated:
 Boudaryev, K., Pashko, I. U., Pashko, V. - Structural and technical glass industry in the Ukraine during the last 50 years. p. 1.
 Bishkovskaya, K., Bishkovskiy, I. U., Bishkovskiy, D. - Glass-cement waterproofing. p. 6.
 Kalchuk, O., Vorobyov, P. - Structure of composite concrete with an antiproof ceramic aggregate. p. 8.
 Svyrydov, L., and others. - Heat resistant coatings for steel. p. 7.
 Mishukov, S. - Production of karamall-perlite concrete panels for outside walls. p. 9.
 Kozlavskiy, M., and others. - Foamed-glass like panels made from polyester glass reinforced plastic. p. 10.
 Tymanenko, M. - Cut stone wall products from Crimea Province. p. 12.
 New standards for cement. p. 13.
 Holovchenko, P. - Cold waterproofing mastic. p. 14.
 Khrytchenko, L., and others. - Heat and moist curing of porous concrete using hot air. p. 15.
 Bychenko, P., Skrypnik, I. U. - Shorter heat curing process for reinforced concrete troughs in molds without heat insulation. p. 18.
 Zalyko, V. - Pulsation mode of electric heating in curing heat-insulating perlite concrete. p. 18.
 Borodko, M., Kuletskiy, A., Tarasenko, O. - Method of close parallel boreholes. p. 18.
 Kuchuk, V., and others. - Improving the quality of drilling-blasting operations. p. 21.
 Ostryk, B., Prokashovskiy, L. - Bonding rubber of bolt mouth sockets to steel flanges. p. 22.
 Chernyshov, V. - Determining the composition of a concrete mix in a plant laboratory. p. 22.
 Korotkiy, O., Klymenko, M. - Estimating the heat curing regime of a reinforced concrete product by graphic simulation of the thermal process. p. 24.
 Svirskiy, B. - Thermally hardened reinforcement and the method for its anchorage. p. 27.
 Krut'ko, B. - Improve production forms and the use of flooring materials. p. 28.
 Svyrydov, L., Chukler, V. - Effect of the rise factor and hardening regime on the shrinkage of foamed slag concrete. p. 30.
 Shestakov, I. - Electrohydraulic method for cement activation. p. 31.
 Fedorovskiy, V., Hohlai, A., Pavlyuk, O. - Production of cold bituminous emulsion materials. p. 32.
 Lopatin, O., Turkin, I., Yefimov, A. - Prestressed concrete piles with high-strength reinforcement. p. 34.
 Alukhin, V. - Wire-strand ropes as reinforcement for concrete. p. 38.
 Kozlov, P., Zlati, V. - Embedding into concrete the reinforcement with anchorage heads as used in truss tension braces. p. 37.
 Kolesnikov, V. - Vibration installation for gas silicate products. p. 38.
 Shestopalov, I., and others. - Duct filtering attachment to the D-328 asphalt concrete subgrade. p. 40.
 Kuznetsov, O. - Improved reinforced concrete poles for overhead contact lines and street lighting. p. 41.
 Larionov, M. - Basket for the transportation of concrete mix and industrial waste. p. 43.
 Afanas'ev, M. - Distance measurements of the temperature of concrete in box molds. p. 43.
 Sychevskiy, I. A. - Combination bolt for double and triple pane windows. p. 43.
 Automation of the concrete mixing process. p. 44.
 Zaitseva, M. - New cement mixer trucks. p. 46.
 Kostrel, V., Konovalenko, P. - Industrial waste used for the production of wall and heat insulation materials. p. 47.

ЛЕНИНГРАД, ИНСТИТУТ ИНЖЕНЕРОВ ЖЕЛЕЗНОДОРОЖНОГО ТРАНСПОРТА. Сборник трудов (INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Papers). Moscow, no. 180, 1966. Investigating the performance of turnout switches under a moving load.

Table of contents translated:
 Yakovlev, V. F., Semenov, I. I. - Interaction between track and rolling stock in the presence of rough spots acting simultaneously on the wheels and on the rails. p. 2.
 Yakovlev, V. F., Smirnov, M. P., Semenov, I. I. - Technical and economic efficiency of installing new turnout switches. p. 22.
 Smirnov, M. P. - Stresses in the transition zone between the rail head and neck under the action of a lateral force. p. 48.
 Yakovlev, V. F., Semenov, I. I., Abrosimov, V. I. - Washing of cars at high train speeds. p. 63.
 Shirokov, V. S., Kuratov, A. K., Eiseley, A. S. - Problem of passenger comfort in high speed train traffic. p. 74.

Iakovlev, V. F., and others. - Study of elastic dynamic characteristics of track on level surfaces. p. 82.
 Smirnov, G. E. - Design of rail fasteners and its effect on decreasing the vibrations and noise. p. 90.
 Blinov, L. E. - Design of one-sided asymmetrical turnout switches with the aid of electronic digital computers. p. 114.
 Klimov, V. P. - Residual stresses in rails. p. 116.

No. 214, 1966. Theoretical studies in structural mechanics. Table of contents translated:
 Kuchuk, I. A., and others. - Methodological work of the department and of the structural mechanics laboratory during the 50 years of Soviet power. p. 3.
 Kuchuk, I. A. - Study in the structural mechanics laboratory of the strength and longevity of concrete. p. 11.
 Khrushchov, A. A., Chernova, I. M. - Theoretical studies of the Department for the past 50 years. p. 11.
 Chernova, I. M. - Rod design diagrams of plates and shells and method of finite elements. p. 11.
 Tumanov, O. D. - Static stability of arch dams. p. 10.
 Kuchuk, G. M. - Evaluation of the effect of individual types of bridges on the performance of a cross-beam system. p. 97.
 Burdakov, S. M. - Rod design with a spiral axial line. p. 100.
 Shwarts, M. A. - Single purpose reconstruction of statically indeterminate trusses. p. 102.
 Bogatyrev, A. I. - Calculation of least weight trusses by mathematical programming methods. p. 132.
 Akhiezer, E. L. - Verifying the stability of a model of a compressed and bent rod from sweeping material. p. 147.
 Bogdanov, A. D., Akhiezer, E. L. - Designing of plates by the point-matching method. p. 152.
 Graber, E. S. - Errors in the semi-infinite theory of shells. p. 159.
 Gurev, B. A., Shukits, I. U. - Effect of a concentrated force on the plate through the rib. p. 160.
 Borshchov, O. I. - Constrained vibrations of a foundation. p. 176.
 Davids, N. M. - Design of bellows for axial loading. p. 181.
 Kufayev, I. A. - Experimental study of diagrams of disintegration of arch dams on fragile models. p. 188.

МЕХАНІЗАЦІЯ СТРОЙКІВСТВА (MECHANIZATION OF CONSTRUCTION). Issued by Gosstroyizdat Ukrainy sprava budyvnytsya Ukrainy (Ministry of Construction of the Ukrainian S.S.R. and the Ministry of Construction of the Ukrainian S.S.R.). Moscow, vol. 13, nos. 3-4, Mar.-Apr. 1966.

Table of contents translated:
 Kuchuk, I. A., and others. - Improving the quality of drilling-blasting operations. p. 21.
 Ostryk, B., Prokashovskiy, L. - Bonding rubber of bolt mouth sockets to steel flanges. p. 22.
 Chernyshov, V. - Determining the composition of a concrete mix in a plant laboratory. p. 22.
 Korotkiy, O., Klymenko, M. - Estimating the heat curing regime of a reinforced concrete product by graphic simulation of the thermal process. p. 24.

НА СТРОИТЕЛЬНЫХ РАБОТАХ (AT RUSSIAN CONSTRUCTION PROJECTS). Issued by Gosstroyizdat Ukrainy sprava budyvnytsya Ukrainy (Ministry of Construction of the Ukrainian S.S.R. and the Ministry of Construction of the Ukrainian S.S.R.). Moscow, vol. 3, no. 12, Dec. 1967.

Table of contents translated:
 Avdeyev, P. - Promoting efficiency in building operations. p. 1.
 Kuchuk, I. - Scientific organization of labor at electrical installations. p. 2.
 From the editors' results of questionnaires on scientific organization of labor. p. 3.
 Preparing and introducing projects of the scientific organization of labor. p. 4.
 Balaev, H. - Technical creativity of young builders. p. 6.
 Anisimov, L., Sidorov, M., Kirovskiy, A. - Very resourceful network planning and management system in Magdala. p. 7.
 Afanas'ev, V., Kuchuk, I. - Methodology for the optimization of network schedule graphs in assembly line production. p. 8.
 Kravets, V., Nepomoshchikov, V., Khuras, Z. - Lifting 100-ton apparatus. p. 10.
 Daltsev, P. - Our aim is to increase profits. p. 11.
 Kuznetsov, U. - New methods for working frozen ground. p. 12.
 Karachuk, L. - Cement consumption has been lowered. p. 14.
 Dobrov, K. - Lessons and conclusions. p. 15.
 Moser, L., Imhof, L. - Russian construction of the future. p. 16.
 Fedukin, E. - New residential district in Vladivostok. p. 17.
 Markin, V. - Contribution of builders of the U.S.S.R. p. 18.

В 160 Starobin, M. - Contribution of builders from Leningrad. p. 12. Nabokov, V. - Stadel district in Sverdlovsk. p. 18.

Loevskiy, M., Radetskiy, K. - Defects in the shells designed by the Leningrad State Institute for Sanitary-Engineering and General Construction Planning of Industrial Establishments have been eliminated. p. 31.
 Usov, G., Ponomarevskiy, V. - Supply in complete sets of auxiliary fittings. p. 12.
 Somova, O. - Supplying complete sets of materials for finishing operations. p. 22.
 Malyshev, O. - Using heat resistant concrete and reinforced concrete. p. 24.
 Zakhvatkin, V. - Servicing and repairing machinery in field operations. p. 24.
 Striling, G. - New techniques in the construction industry. p. 28.
 Introduction at your construction sites. p. 27.
 In the State Committee for Construction of the R.S.F.S.R. p. 28.
 Guide materials on problems of computing estimated costs and on calculations for completed construction and assembly operations. p. 22.

Vol. 9, no. 10, Oct. 1966.
 Table of contents translated:
 Our Komsomol named after Lenin. p. 1.
 Pritykov, V. - Young standard bearers of technical progress. p. 2.
 Vardov, I. - In the alliance with progressive technology. p. 3.
 Belikovskiy, G. - Management, a school for young builders. p. 4.
 Khodratov, L. - Scientific organization of labor at all construction stages. p. 6.
 Dushenkov, V. - Proving the economic efficiency of the scientific organization of labor. p. 6.
 Shukorov, M., Shestopalov, M. - Problems and experience in the development of an automated system of planning, organization, and management. p. 6.
 Gilevskiy, Kh., Magid, B. - Operational control systems in the Main Administration of the Construction Industry in the Bashkir A.S.S.R. p. 9.
 Agn, M., and others. - Management of a civil construction trust. p. 11.
 Denis, I. U. - We are improving the use of calculators. p. 12.
 Kalinichenko, V., and others. - Instructional practice in the reconstruction of the "K200" mill. p. 13.
 Khitrov, G. - Each construction should have a work plan. p. 14.
 Serov, V. - Determining the capacity of a construction firm. p. 15.
 Tsoi, P., Burdakov, S. - Building a new park. p. 16.
 Kuchuk, I. U., Paryshin, E., Gerasimov, V. - Mobile plants of the construction industry. p. 17.
 Kurov, V. - Mechanization of piling work. p. 18.
 Poltavov, A. - Second All-Union Conference in Ulyanovsk. p. 21.
 Chapova, K. - Improve control measures and economic requirements. p. 22.
 Malyshevskiy, R., Kalin, M., Stofanov, A. - New system of suspended roofs. p. 23.
 Portnikov, A. - Together with the administration of the State Supply Office. p. 24.
 Mitshkovskiy, B., Mironovskiy, L., Pichonova, T. - Standardization of rolled gypsum concrete partitions. p. 25.
 Pokhly, K. - Laboratory and industrial block. p. 27.
 Skolnikov, I. U. - Stands for mounting reinforcement cages. p. 27.
 Chervikov, S. - Town-type residential building in Prague. p. 28.
 Stukova, M. - All-Russian seminar-conference of the activists of the journal "Na stroitel'stvo". p. 30.
 In the State Committee on Construction of the Council of Ministers of the R.S.F.S.R. p. 31.
 Guide materials on problems of computing estimated costs and on calculations of completed construction and assembly operations. p. 22.

МОСКОВСКИЙ ИНСТИТУТ ИНЖЕНЕРОВ ЖЕЛЕЗНОДОРОЖНОГО ТРАНСПОРТА. Труды (INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions). Moscow, no. 17, 1967. Contents. Boudaryev, K., Pashko, I. U., Pashko, V. - Investigating the performance of turnout switches under a moving load. p. 131 p.

ПОЖАРНОЕ ДЕЛО (FIRE PROTECTING) Issued by Ministerstvo ochrany obshchestvennogo poriadka RSFSR (Ministry for the Protection of Public Order of the R.S.F.S.R.). Moscow, no. 1, Jan. 1966.

ПРОМЫШЛЕННЫЕ СТРОИТЕЛЬСТВО И ИНЖЕНЕРНЫЕ СООРУЖЕНИЯ (INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES). Issued by Gosstroyizdat Ukrainy sprava budyvnytsya Ukrainy (Ministry of Construction of the Ukrainian S.S.R. and the Ministry of Construction of the Ukrainian S.S.R.). Kiev, vol. 2, nos. 2-3 (29-30), Mar.-June 1966.

Vol. 10, no. 5 (53), July-Aug. 1968.
 Table of contents translated:
 Verbitskiy, E. - Problems of the reconstruction of industrial establishments. p. 1.

- Mosin, M. I., et al. - Condition of walls of draining steel buildings in the Krivoy Rog No. 10000 Mining and Concentration Kombinat as affected by operation. p. 1.
- Dryden, G. A., et al. - Application of the queuing theory to the organization of scraper operations. p. 1.
- Plakotskiy, A. A., et al. - Constructing a cinder hole with the use of sliding forms. p. 8.
- Bedchik, K. - Self-setting suspension system for working platforms used for lining blast-furnace shaft. p. 8.
- Kragliak, B. - Polymeric floorings in industrial construction. p. 9.
- Kushchinskii, O. I., et al. - Sliding on surface of concrete with thixotropic coating. p. 11.
- Tikhonov, A. A., et al. - Breakdowns of steel members in special structures. p. 13.
- Sheludko, L. - Deformation characteristics of sand around the piles driven into heating holes. p. 18.
- Dzundzundz, A. A., et al. - Water-tight membranes made from polymeric films as a protection for settling foundation beds against water penetration. p. 21.
- Kushchinskii, O. I., et al. - Steel reinforced-concrete members for roof single-floor industrial buildings. p. 23.
- Chibrikova, A. - Corrosion protection of concrete and reinforced-concrete structures. p. 23.
- Orlov, V. - Vibrations-proof large basement base. p. 27.
- Ishchenko, A. A., et al. - Design of short roof shells with skylight apertures for industrial buildings. p. 28.
- Kashov, A. - Design of evenly strong optimal gey roofs with hemispherical structure pattern. p. 31.
- Assembly for flashing outside walls of a building. p. 31.
- Unit for heating frozen ground. p. 33.
- New welding materials. p. 40.
- Sevskiy, A. A., et al. - Electrode welding with hollow electrode. p. 41.
- Vibratory electric-arc facing. p. 41.
- Mechanized production of mesh-reinforced concrete members. p. 43.
- Vertical and horizontal transportation of heat-insulating materials on multiple steep roofs of industrial buildings. p. 43.
- Automatic operation of surface discharge devices when mining vertical shafts. p. 44.
- In the Ministry of Construction of Heavy Industry Establishments of the USSR. p. 44.
- PUTI PUT'YON KHODYATVO RAILROAD TRACKS AND ROADWAY MAINTENANCE.** Organ of Ministry of Railways. Moscow, 1964, vol. 11, no. 12, p. 12.
- Table of contents translated
- Pashchuk, S. A. - Preparations for winter track maintenance should be done on time. p. 1.
- Bozhanov, A. A., et al. - Network planning is being introduced. p. 6.
- Vishinskiy, K. P. - Achievements are being consolidated. p. 7.
- Krasovskiy, I. A. - Mechanisms replace manual labor. p. 9.
- Strachov, A. A., et al. - Frogs will have longer life. p. 10.
- Kagan, M. G., et al. - Performance of defectoscope cars is being improved. p. 11.
- Plakotskiy, V. I. - New rail length sorting machine in the regional track machinery station No. 27. p. 12.
- Gorvish, A. K., et al. - UED-NUM-44 ultrasonic defectoscope. p. 16.
- Shchegolev, I. G. - Wall watches in design. p. 18.
- Shchegolev, V. A. - Portable automatic block signaling device in action. p. 20.
- Myrdik, P. F. - Gages for checking reinforced concrete bars. p. 21.
- Perkhin, S. P. - How to install and regulate joint gages. p. 22.
- Bashchinskii, M. P. - Laying of ties top side down proved unsatisfactory. p. 26.
- Vasyuk, E. R. - What crushed stones should be like. p. 27.
- Kryazev, I. G. - Tolerance between the wheel flange and the rail. p. 31.
- Gerasimov, K. I. - Overhaul of electrical equipment on the TD-4 track maintenance car. p. 33.
- Kholodkov, M. P. - A precursor of engineers. p. 34.
- Shchegolev, M. M., et al. - Timely repair of cracks. p. 34.
- Kashov, P. S. - Classification of sectors subject to sand drifts. p. 41.

STROYTEL' [THE BUILDER]. Organ of Gosstroyizdat. Moscow, 1964, vol. 13, no. 8 (194), Aug. 1964.

STROYTEL' MAIA MEKHANIKA I RASCHET SOORUZHENIY [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Gosstroyizdat. Moscow, 1964, vol. 10, no. 10 (194), 1964.

- Table of contents translated
- Mosin, M. I., et al. - Condition of walls of draining steel buildings in the Krivoy Rog No. 10000 Mining and Concentration Kombinat as affected by operation. p. 1.
- Dryden, G. A., et al. - Application of the queuing theory to the organization of scraper operations. p. 1.
- Plakotskiy, A. A., et al. - Constructing a cinder hole with the use of sliding forms. p. 8.
- Bedchik, K. - Self-setting suspension system for working platforms used for lining blast-furnace shaft. p. 8.
- Kragliak, B. - Polymeric floorings in industrial construction. p. 9.
- Kushchinskii, O. I., et al. - Sliding on surface of concrete with thixotropic coating. p. 11.
- Tikhonov, A. A., et al. - Breakdowns of steel members in special structures. p. 13.
- Sheludko, L. - Deformation characteristics of sand around the piles driven into heating holes. p. 18.
- Dzundzundz, A. A., et al. - Water-tight membranes made from polymeric films as a protection for settling foundation beds against water penetration. p. 21.
- Kushchinskii, O. I., et al. - Steel reinforced-concrete members for roof single-floor industrial buildings. p. 23.
- Chibrikova, A. - Corrosion protection of concrete and reinforced-concrete structures. p. 23.
- Orlov, V. - Vibrations-proof large basement base. p. 27.
- Ishchenko, A. A., et al. - Design of short roof shells with skylight apertures for industrial buildings. p. 28.
- Kashov, A. - Design of evenly strong optimal gey roofs with hemispherical structure pattern. p. 31.
- Assembly for flashing outside walls of a building. p. 31.
- Unit for heating frozen ground. p. 33.
- New welding materials. p. 40.
- Sevskiy, A. A., et al. - Electrode welding with hollow electrode. p. 41.
- Vibratory electric-arc facing. p. 41.
- Mechanized production of mesh-reinforced concrete members. p. 43.
- Vertical and horizontal transportation of heat-insulating materials on multiple steep roofs of industrial buildings. p. 43.
- Automatic operation of surface discharge devices when mining vertical shafts. p. 44.
- In the Ministry of Construction of Heavy Industry Establishments of the USSR. p. 44.
- STROYTEL' STVO TUBOPROVODOV [PIPELINE CONSTRUCTION].** Issued by Gosstroyizdat. Moscow, 1964, vol. 11, no. 12, p. 12.
- Table of contents translated
- Pashchuk, S. A. - Preparations for winter track maintenance should be done on time. p. 1.
- Bozhanov, A. A., et al. - Network planning is being introduced. p. 6.
- Vishinskiy, K. P. - Achievements are being consolidated. p. 7.
- Krasovskiy, I. A. - Mechanisms replace manual labor. p. 9.
- Strachov, A. A., et al. - Frogs will have longer life. p. 10.
- Kagan, M. G., et al. - Performance of defectoscope cars is being improved. p. 11.
- Plakotskiy, V. I. - New rail length sorting machine in the regional track machinery station No. 27. p. 12.
- Gorvish, A. K., et al. - UED-NUM-44 ultrasonic defectoscope. p. 16.
- Shchegolev, I. G. - Wall watches in design. p. 18.
- Shchegolev, V. A. - Portable automatic block signaling device in action. p. 20.
- Myrdik, P. F. - Gages for checking reinforced concrete bars. p. 21.
- Perkhin, S. P. - How to install and regulate joint gages. p. 22.
- Bashchinskii, M. P. - Laying of ties top side down proved unsatisfactory. p. 26.
- Vasyuk, E. R. - What crushed stones should be like. p. 27.
- Kryazev, I. G. - Tolerance between the wheel flange and the rail. p. 31.
- Gerasimov, K. I. - Overhaul of electrical equipment on the TD-4 track maintenance car. p. 33.
- Kholodkov, M. P. - A precursor of engineers. p. 34.
- Shchegolev, M. M., et al. - Timely repair of cracks. p. 34.
- Kashov, P. S. - Classification of sectors subject to sand drifts. p. 41.

STROYTEL' STVO TUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Gosstroyizdat. Moscow, 1964, vol. 11, no. 12, p. 12.

TRANSPORTNOE STROYTEL' STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministry of Transportation. Moscow, 1964, vol. 13, no. 12, Dec. 1964.

- Table of contents translated
- Working condition of transportation construction workers should be constantly improved. p. 1.
- Krasovskiy, K. V. - New regulation concerning the participation in the realization of achievements of the National Economy of the U. S. S. R. and their awards. p. 2.
- Alakshin, A. A., et al. - Network schedule graphs in the stage of a proposed assignment. p. 4.
- Krasovskiy, A. A., et al. - Adequate profiles of a roadbed in districts subject to snowdrifts. p. 6.
- Mosin, M. I., et al. - Use of automatic booklets with in-process control for working frozen soils. p. 6.
- Golovinskiy, V. S., et al. - Construction of a highway bridge crossing the Marya River. p. 8.
- Tuzakov, P. B. - Construction of a bridge beyond the Arctic Circle. p. 12.
- Mitrofanov, I. M., et al. - Oblique bridge spans at low temperatures. p. 12.
- Kozin, V. P., et al. - Overall mechanization of putting through a transportation tunnel. p. 14.
- Kashchikov, A. I. - Experience in waterproofing of operating tunnels should be taken into consideration in tunnel design. p. 14.
- Alakshin, A. A., et al. - Use of reinforced concrete thin-walled shells of large diameter. p. 20.
- Tavriskiy, V. M. - Use of control houses in hydro-mechanization. p. 23.
- Alakshin, A. A., et al. - Layout of pile foundations in high temperature permanently frozen silences. p. 24.
- Lyskov, V. G., et al. - New mechanisms for raising and straightening the track. p. 26.
- Bogorodskiy, A. A., et al. - Cost of construction and assembly operations and potentials of further decreases. p. 26.
- All-Union Seminar for Achieving Further Economies. p. 23.

- Mosin, M. I., et al. - Condition of walls of draining steel buildings in the Krivoy Rog No. 10000 Mining and Concentration Kombinat as affected by operation. p. 1.
- Dryden, G. A., et al. - Application of the queuing theory to the organization of scraper operations. p. 1.
- Plakotskiy, A. A., et al. - Constructing a cinder hole with the use of sliding forms. p. 8.
- Bedchik, K. - Self-setting suspension system for working platforms used for lining blast-furnace shaft. p. 8.
- Kragliak, B. - Polymeric floorings in industrial construction. p. 9.
- Kushchinskii, O. I., et al. - Sliding on surface of concrete with thixotropic coating. p. 11.
- Tikhonov, A. A., et al. - Breakdowns of steel members in special structures. p. 13.
- Sheludko, L. - Deformation characteristics of sand around the piles driven into heating holes. p. 18.
- Dzundzundz, A. A., et al. - Water-tight membranes made from polymeric films as a protection for settling foundation beds against water penetration. p. 21.
- Kushchinskii, O. I., et al. - Steel reinforced-concrete members for roof single-floor industrial buildings. p. 23.
- Chibrikova, A. - Corrosion protection of concrete and reinforced-concrete structures. p. 23.
- Orlov, V. - Vibrations-proof large basement base. p. 27.
- Ishchenko, A. A., et al. - Design of short roof shells with skylight apertures for industrial buildings. p. 28.
- Kashov, A. - Design of evenly strong optimal gey roofs with hemispherical structure pattern. p. 31.
- Assembly for flashing outside walls of a building. p. 31.
- Unit for heating frozen ground. p. 33.
- New welding materials. p. 40.
- Sevskiy, A. A., et al. - Electrode welding with hollow electrode. p. 41.
- Vibratory electric-arc facing. p. 41.
- Mechanized production of mesh-reinforced concrete members. p. 43.
- Vertical and horizontal transportation of heat-insulating materials on multiple steep roofs of industrial buildings. p. 43.
- Automatic operation of surface discharge devices when mining vertical shafts. p. 44.
- In the Ministry of Construction of Heavy Industry Establishments of the USSR. p. 44.
- STROYTEL' STVO TUBOPROVODOV [PIPELINE CONSTRUCTION].** Issued by Gosstroyizdat. Moscow, 1964, vol. 11, no. 12, p. 12.
- Table of contents translated
- Pashchuk, S. A. - Preparations for winter track maintenance should be done on time. p. 1.
- Bozhanov, A. A., et al. - Network planning is being introduced. p. 6.
- Vishinskiy, K. P. - Achievements are being consolidated. p. 7.
- Krasovskiy, I. A. - Mechanisms replace manual labor. p. 9.
- Strachov, A. A., et al. - Frogs will have longer life. p. 10.
- Kagan, M. G., et al. - Performance of defectoscope cars is being improved. p. 11.
- Plakotskiy, V. I. - New rail length sorting machine in the regional track machinery station No. 27. p. 12.
- Gorvish, A. K., et al. - UED-NUM-44 ultrasonic defectoscope. p. 16.
- Shchegolev, I. G. - Wall watches in design. p. 18.
- Shchegolev, V. A. - Portable automatic block signaling device in action. p. 20.
- Myrdik, P. F. - Gages for checking reinforced concrete bars. p. 21.
- Perkhin, S. P. - How to install and regulate joint gages. p. 22.
- Bashchinskii, M. P. - Laying of ties top side down proved unsatisfactory. p. 26.
- Vasyuk, E. R. - What crushed stones should be like. p. 27.
- Kryazev, I. G. - Tolerance between the wheel flange and the rail. p. 31.
- Gerasimov, K. I. - Overhaul of electrical equipment on the TD-4 track maintenance car. p. 33.
- Kholodkov, M. P. - A precursor of engineers. p. 34.
- Shchegolev, M. M., et al. - Timely repair of cracks. p. 34.
- Kashov, P. S. - Classification of sectors subject to sand drifts. p. 41.

TRUDY KOORDINATSIONNYKH SOYUZOV KHODYATVO PO DROZHNOMU (TRANSACTIONS OF COORDINATION UNIONS ON RAILROADS). Issued by Gosstroyizdat. Moscow, 1964, vol. 11, no. 12, p. 12.

- Table of contents translated
- Pashchuk, S. A. - Preparations for winter track maintenance should be done on time. p. 1.
- Bozhanov, A. A., et al. - Network planning is being introduced. p. 6.
- Vishinskiy, K. P. - Achievements are being consolidated. p. 7.
- Krasovskiy, I. A. - Mechanisms replace manual labor. p. 9.
- Strachov, A. A., et al. - Frogs will have longer life. p. 10.
- Kagan, M. G., et al. - Performance of defectoscope cars is being improved. p. 11.
- Plakotskiy, V. I. - New rail length sorting machine in the regional track machinery station No. 27. p. 12.
- Gorvish, A. K., et al. - UED-NUM-44 ultrasonic defectoscope. p. 16.
- Shchegolev, I. G. - Wall watches in design. p. 18.
- Shchegolev, V. A. - Portable automatic block signaling device in action. p. 20.
- Myrdik, P. F. - Gages for checking reinforced concrete bars. p. 21.
- Perkhin, S. P. - How to install and regulate joint gages. p. 22.
- Bashchinskii, M. P. - Laying of ties top side down proved unsatisfactory. p. 26.
- Vasyuk, E. R. - What crushed stones should be like. p. 27.
- Kryazev, I. G. - Tolerance between the wheel flange and the rail. p. 31.
- Gerasimov, K. I. - Overhaul of electrical equipment on the TD-4 track maintenance car. p. 33.
- Kholodkov, M. P. - A precursor of engineers. p. 34.
- Shchegolev, M. M., et al. - Timely repair of cracks. p. 34.
- Kashov, P. S. - Classification of sectors subject to sand drifts. p. 41.
- TRUDY KOORDINATSIONNYKH SOYUZOV KHODYATVO PO DROZHNOMU (TRANSACTIONS OF COORDINATION UNIONS ON RAILROADS).** Issued by Gosstroyizdat. Moscow, 1964, vol. 11, no. 12, p. 12.
- Table of contents translated
- Pashchuk, S. A. - Preparations for winter track maintenance should be done on time. p. 1.
- Bozhanov, A. A., et al. - Network planning is being introduced. p. 6.
- Vishinskiy, K. P. - Achievements are being consolidated. p. 7.
- Krasovskiy, I. A. - Mechanisms replace manual labor. p. 9.
- Strachov, A. A., et al. - Frogs will have longer life. p. 10.
- Kagan, M. G., et al. - Performance of defectoscope cars is being improved. p. 11.
- Plakotskiy, V. I. - New rail length sorting machine in the regional track machinery station No. 27. p. 12.
- Gorvish, A. K., et al. - UED-NUM-44 ultrasonic defectoscope. p. 16.
- Shchegolev, I. G. - Wall watches in design. p. 18.
- Shchegolev, V. A. - Portable automatic block signaling device in action. p. 20.
- Myrdik, P. F. - Gages for checking reinforced concrete bars. p. 21.
- Perkhin, S. P. - How to install and regulate joint gages. p. 22.
- Bashchinskii, M. P. - Laying of ties top side down proved unsatisfactory. p. 26.
- Vasyuk, E. R. - What crushed stones should be like. p. 27.
- Kryazev, I. G. - Tolerance between the wheel flange and the rail. p. 31.
- Gerasimov, K. I. - Overhaul of electrical equipment on the TD-4 track maintenance car. p. 33.
- Kholodkov, M. P. - A precursor of engineers. p. 34.
- Shchegolev, M. M., et al. - Timely repair of cracks. p. 34.
- Kashov, P. S. - Classification of sectors subject to sand drifts. p. 41.

TECEMENT (CEMENT). Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry for the Building Materials Industry of the U. S. S. R.], Moscow, vol. 34, no. 8, Nov.-Dec. 1968.

Table of contents translated:
Krasovskiy, I. V., Kozlov, M. B., Kozlov, M. G. - Proper use of cement in construction work. p. 1.
Savitskiy, V. I., Vorobeyshnikov, L. T., Kostinetskiy, M. P. - Reducing fuel consumption in oil burner firing. p. 3.
Volkovskiy, B. V., Khodolovskaya, M. B. - Investigating the microstructure of Portland cement clinker. p. 4.
Gol'dperin, T. I. A., Gal'perin, A. M. - Evaluating quality of regulating raw-material slurry. p. 6.
Bazargin, M. M., Alkinova, T. G. - Rapid volumetric determination of sulfate ion in cement and gypsum. p. 7.
Tikhonov, L. I., Chernyak, I. B. - Effective method for analysis of metal gases in rotary kilns. p. 8.
Toropov, M. A., Ligutskiy, I. G., Ligutskiy, A. M. - Chemical mechanism of alkali halides. p. 9.
Bachur, P. P. - Slag Portland cement from the waste of electrothermal processing of phosphorus. p. 10.
Litvin, M. V., Shadrina, M. M. - Stability of rotary kiln linings. p. 11.
Specialists from the member countries of the Council for Mutual Economic Aid discuss the problems of the cement industry. p. 14.
Kharin, A. B., Anisimov, I. V. - Systems of production without defects in operation. p. 15.
Abramov, V. K. - Lenin's labor shift of Ulyanovsk cement workers. p. 16.
Krishtenko, I. U. K., Krasovskaya, M. I., Terebin, A. P. - Device for metering and controlling the flow of cement in a pipe. p. 17.
Kobrin, M. G., Molodtsov, A. A. - Machine for loading packaged cement on railroad cars. p. 18.
Ginsburg, M. M. - Cold formation in furnaces and preventive measures. p. 19.
Mikhailov, B. A. - Improving production efficiency. p. 21.
Makarov, I. U. M., Mirzayev, I. U., Metropolit'skiy, M. K. - Anticorrosive coating of electrostatic precipitators. p. 22.

STROITEL'NOYE STROYENIYE (HOUSING CONSTRUCTION). Organ of Gosstroyveniy Rossiya po gradostroyeniye i arkhitektura pri Gosstroo SSSR and Stroitel'noye promyshlennosti i arkhitektura (State Committee for Civil Engineering and Architecture, Attached to the State Committee for Construction in the U. S. S. R., and the Central Administration of the Scientific Technological Society of the Building Industry), Moscow, vol. 12, no. 3, 1968.

Table of contents translated:
Lisitskiy, V. - Calculating wind load resistance of high-rise buildings. p. 2.
Krasovskiy, I. - Evaluating the quality of apartment beyond planning. p. 4.
Mikhailov, I. L., Mironov, A. - Automated management systems. p. 7.
Lazarevich, S., Sorokina, S. - Economy of cubic wall construction of houses. p. 8.
Ludskinskiy, L. - Walking distances and architectural beyond organization of a territory. p. 10.
Gerasimov, A. - Housing construction in Sverdlovsk. p. 16.
Building stores. p. 18.
Berkov, A., Kozlov, A., Pashin, S. - New methods for fastening plumbing fixtures. p. 21.
Tsvetkov, V. - Rural housebuilding. p. 22.
Berezinskiy, M. - Flexible technology of large panel construction abroad. p. 23.
Vysotskiy, V., Tugayev, L. - Housing construction in Bulgaria. p. 24.
Alkassova, L., and others. - Highly adhesive carboxymethylcellulose as wallpaper glue. p. 31.

ELECTRICAL ENGINEERING

AVTOMATIZIRANNAYA KONTROL' I REGULIROVANIYA V KABEL'NOY PROMYSHLENNOSTI (AUTOMATIC CONTROL AND REGULATION IN CABLE MANUFACTURE). Issued by Kharkovskiy nauchno-issledovatel'skiy institut elektropromyshlennosti (Kharkov Research Institute for the Manufacture of Electrical Equipment), Kharkov, no. 3, 1968.

Table of contents translated:
Balashov, A. M., and others. - Check of the straightness of metal sheathings of cables during their manufacture. p. 2.
Balashov, A. M. - Control of nonferromagnetic metal using ferrite probe methods. p. 3.
Balashov, A. M., Sholikhin, I. A. - Results of experiments in controlling the aluminum sheathings of MFC/Al cables using ferrite probe methods. p. 10.
Skolderman, V. I. - Indicator gases for checking straightness of cables. p. 21.
Balashov, A. M., and others. - Pneumatic control units for checking straightness of equipment during its manufacture. p. 29.
Skolderman, V. I. - Calculation of pneumatic control devices for hermetic sealings in a production process. p. 30.

Moskalev, Z. I., Skolderman, V. I. - Some results of experiments in pneumatic control methods for control of the hermetic seal of cable sheathings. p. 37.
Skolderman, V. I. - Decreasing the time of control of straightness of cable sheathings. p. 44.
Grishanov, Z. I., Chernyak, L. G. - Experimental study of the control of straightness of a cable sheathing using a superposed coil. p. 48.
Martyushev, V. G. - Use of the diffraction effect in controlling the straightness of metal pipes and cable sheathings. p. 54.
Krivonos, A. A., Martyushev, V. G. - Study of transducers and the topography of a field in a diffraction method for controlling straightness. p. 61.
Martyushev, V. G., Sholikhin, I. A. - Method for controlling items using ferrite probe traps. p. 72.
Bazargin, P. A. - Control of continuous defects in a weld seam of aluminum sheathings of cables using β -radiation. p. 75.
Bazargin, P. A. - Method for controlling lead and aluminum sheathings of cables. p. 80.
Berkov, I. U. A., Zaitsev, M. V., Bazargin, P. A. - RIT device for controlling radial dimensions of the insulation of copper enameled wires with 0.41 to 3.44 mm diameter. p. 108.
Bazargin, P. A. - Control of the thickness of copper enameled wires with rectangular cross section during their manufacture. p. 114.
Korotkiy, I. P., and others. - The AETP-12 small-sized unit for the automatic control of point damages in the insulation of enameled wires. p. 124.
Korotkiy, I. P., Skolderman, V. I., Tsvetkov, K. M. - Effect of wet indicators of point damages on the quality of enameled winding wires. p. 130.
Vladimirov, B. A., Dolmatov, I. U. A., Polyakov, O. F. - System for controlling the diameter of a wire with speeds of up to 1800 m/min. p. 136.
Gerasimov, I. M., Sholikhin, I. A., Pashin, N. I. - Equipment for continuous control of the temperature of moving wire. p. 140.
Filimonov, M. M. - Analysis of the operation of a device for controlling the diameter thickness of insulation of enameled wires using water as a current conducting liquid in a capacitive transducer. p. 148.
Filimonov, M. M. - Multichannel automatic device for controlling point damages during the enameled of STP-12-type wires. p. 154.
Dobitskiy, S. P., Moskatovskiy, I. A. - Substituting tank of the temperature regulator of a casting unit for obtaining aluminum wires from a metal solution. p. 157.
Dobitskiy, S. P., and others. - Automation of a system for deriving aluminum wire from a metal solution. p. 170.
Kalogin, I. U. P., and others. - Automatic regulation of the level of a melt in deriving a wire from a liquid phase of aluminum. p. 186.
Kalogin, I. U. P., Fomchenko, A. B. - Passage of β -particles through glass condensers. p. 194.
Belov, S. P., and others. - Vibrators for stabilizing the diameter of a cast aluminum wire during its derivation from a liquid phase. p. 200.
Skolderman, V. I., Berkov, I. U. A. - Automatic regulators of the thickness of cast rubber during the calendaring process. p. 202.
Skolderman, V. I., Sholikhin, I. A. - Use of X-ray television camera tubes in cable production control. p. 208.
Berkov, I. U. A. - Device for measuring the diameter of a thin wire. p. 218.

BRUSH-LESS ELECTRIC MACHINERY (BRUSH-LESS ELECTRIC MACHINERY). Issued by Vsesoyuznyy nauchno-issledovatel'skiy institut L'vovskiy nauchno-issledovatel'skiy institut fiziki i energetiki (Physics and Power Institute of the Academy of Sciences of the U. S. S. R.), L'vov, no. 9, 1967.

Table of contents translated:
Apelt, V. V. - Scalar magnetic potential of the armature peak of a synchronous machine with claw-type poles. p. 6.
Katsenel'son, V. M. - Equivalent circuits and parameters of solid ferromagnetic conductors during sudden magnetization of the surface effect. p. 27.
Pugachev, V. A. - Magnetic field of a toothed air gap. p. 36.
Shteyn, K. K. - Permeance of the interpolar distribution of a claw-type inductor with T-shaped poles. p. 42.
Shteyn, K. K. - Calculation of the parameters of a three-phase inductor machine with two gear steps of the stator. p. 56.
Khlobov, I. R. - Special features and characteristics of a brushless synchronous motor generator with claw-like poles and an exterior rotor. p. 103.
Apelt, V. V., Dvornik, L. E., Perets, I. A. M. - Features of using inductor-type generators in electric welding. p. 112.
Vishniy, I. A. A., Strelkov, M. E. - Characteristics of the SO T-4 type brushless synchronous motor. p. 122.
Strelkov, M. E. - Some general characteristics of three-winding transformers with dual feed. p. 131.
Gladkov, V. P., Bolshakov, L. V. - Transfer of active power between the windings of a transformer with dual feed. p. 144.

B 14d-14a

Gladkov, V. P., Strelkov, M. E. - Transfer of active power between two control channels of a system of phase compensating with a three-winding transformer with dual feed. p. 157.
Gladkov, V. P., Tsvetkov, G. P. - Physical modeling and its use in studying autotransformers oscillations in electrical circuits with steel. p. 161.
Sviridov, A. A. - Experimental study of frequency speed control of a brushless synchronous electric motor. p. 201.
Sviridov, A. A. - Noncontact indicator of rotor position. p. 211.

BIBLIOTEKA ELEKTRONIKI (ELECTRONIC LIBRARY). Moscow, no. 208, 1968.

ELEKTRICHESKIE STANTSII (ELECTRIC POWER STATIONS). Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-issledovatel'skiy institut energeticheskoy promyshlennosti (Ministry of Power and Electrification of the U. S. S. R. and the Scientific Technological Society of the Power Industry), Moscow, vol. 10, no. 1, Jan. 1968.

Table of contents translated:
Gerasimov, S. M. - Fuel supply of electric power plants with seasonal fluctuations of fuel consumption. p. 3.
Karaminov, S. I., and others. - Warming-up of the equipment of a 300 mw. block. p. 8.
Zaralevskiy, S. I., Shleifer, B. M. - Analysis of the operation of the air heaters of the TPP-300 boiler of an 800 Mw. block. p. 9.
Krol', L. B., and others. - Characteristics of reliability of the lower radiational portion of the PK-41 gas-turbine fired boiler by means of reconstruction of gases. p. 12.
Rabinov, A. V., Balashov, I. U. V. - Operational check of automatic temperature stresses in the elements of circuits of power systems. p. 18.
In the condensate cleaning of a 300 Mw. block. p. 18.
Korn, L. I., Gershberg, Z. L. - Systems for automatic optimization of combustion processes with discrete cinematographic correction. p. 24.
Abrahamson, Sh. G., Gershberg, Z. L., Malin, A. P. - Automatic regulation of the operation of a hydroelectric power station according to frequency and active power with restriction of interstation flows. p. 32.
Mergel, E. I., Orlov, V. G. - Experimental and calculational determination of the regulatory effect of a load according to frequency and voltage. p. 32.
Polovnikov, N. P. - Testing and adjustment of hydraulic equipment of high-pressure hydroelectric power stations. p. 36.
Popov, V. M. - Layout of standard 35-110 kv. step-down substations. p. 38.
Antonov, B. M. - Graphical method for calculating the dynamic strength of members. p. 40.
Nortekhnov, V. A., Krasovskiy, A. P. - Locating of short-circuits to ground in 6-10 kv. overhead power distribution networks using the "Polak-1" device. p. 43.
Vishniy, I. A. M. - Consideration of the relative susceptibility of lines to heating damages. p. 49.
Gleizer, M. D. - Suppressed faults from insulator shanks. p. 51.
Zaitsev, M. D., Balashov, M. I. - Principal features of relay protection and electric automatic equipment in power systems for 1943-1963. p. 56.
Shapiro, V. M. - Determination of optimal parameters of automatic shaped current transformers. p. 64.
Alkonfeld, A. I., Volkovskiy, V. V., Radtsev, A. A. - Protection against using buses in the protection of NDM-28 voltage transformers. p. 69.
Organization of the operation of 0.4 kv. rural power distribution networks. p. 71.
Pavlenko, L. I., and others. - Present chemical cleaning of a 300 Mw. block. p. 73.
Korotkiy, I. I. - Machine for drilling oil rivets from turbine cases. p. 74.
Korotkiy, I. I., Krasovskiy, V. I. - Device for determining the sizes of air bubbles in turbine oil. p. 77.
Novoschilov, I. U. N. - Method for regulating pressure with correction of the expenditure of a media. p. 78.
Volgin, M. A. - Calculation of conditions for blowing out generators. p. 78.
Lisitskiy, I. U. A., Gerasimov, V. M. - Improvement of equipment for proper phase switching. p. 80.
Rabinov, V. I. - Experience in operating systems without tubular discharges with 35 kv. railings and higher. p. 80.
Amperov meter for checking the lower of the conductors of air-blown systems. p. 81.
Chernogorov, A. D. - Improved AY-128 automatic switch. p. 81.
Lagler, A. B. - Redesigning of distance-type protection relays with KRS-12 relays. p. 84.
Aliev, A. A., Kozlov, I. A. M. - Telemonitoring of the tap positions of a transformer with automatic voltage regulation. p. 85.
Lobastov, S. A. - Rates on electric energy. p. 84.
Sviridov, V. P. - Brightening and economic indices of the conversion of existing cables of 8 kv. networks to 10 kv. operation. p. 84.
Abrahamson, Sh. G., Krasovskiy, V. I. - Concerning V. P. Volkovskiy's article "Some results of work practices in preventive maintenance tests of electrical equipment." p. 85.
Trub, I. I. - Increasing the reliability of municipal electric power distribution networks. p. 86.
Akhmedov, M. M., Kozlovskiy, A. I. - Damages of rural 0-10 kv. lines during ice crust formations and high winds. p. 86.

- Buzman, A. B. - Use of reliability theory criteria in relay protection techniques. p. 87.
Through the pages of "Bull. Akad. Nauk SSSR, Tekhn. Kibernetika" p. 80.
Improving the operational reliability of air-blast switches. p. 81.
Limitations to the use of VVN-35 (1000 kV) air-blast switches. p. 82.

ELEKTRICHESVO [ELECTRICITY]. Organ of Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 12, Dec. 1968.

- Table of contents translated
Bakalov, N. N., and others. - Study of overvoltage during start tests of the 400 kv "Mir" electric power transmission system. p. 1.
Bykhovskii, I. A., and others. - Experimental study of high-frequency parameters of a 750 kv power transmission line. p. 8.
Atokanov, G. M., Shcherbakova, G. A. - Characterization of a corona discharge during switching surges. p. 15.
Uvarov, G. I. - Electrical parameters of surface pipelines in permafrost regions. p. 31.
Ostapenko, V. N., Kolesnik, V. V. - Calculation of the protective difference of potentials for pipelines located in nonuniform media. p. 25.
Berkov, A. I., and others. - Calculation of the principal dimensions of a synchronous generator operating with a pulsating load. p. 38.
Orlovskii, V. M. - Contribution to the theory of approximate similarity of d.c. electromagnets. p. 34.
Liberman, R. P., Korotkiy, M. P. - Engineering method for calculating transients of current transformers. p. 35.
Chernov, E. I. - Optimal field regulation of a rolling mill motor. p. 44.
Krylov, M. B., Ugodnikov, V. P. - Reversing of a three-phase converter with symmetrical thyristors. p. 50.
Kalinin, S. M. - Effectiveness of using thyristors in autonomous inverters with increased frequency. p. 54.
Tshai, A. L. - Arc current density in a slit-type arc-quenching chamber. p. 63.
Uditskiy, A. M., Tsygankov, G. G. - Arcless commutation of a high-voltage power circuit. p. 62.
Ostrovskiy, G. A. - Calculation of the inductance of cylindrical condensers. p. 64.
Vatnik, V. I., Zaitseva, V. S. - Consideration of initial conditions in the study of linear automatic control systems using an operator method. p. 67.
Korotkiy, T. S., Tsvetkov, V. S., Rukhovich, V. I. - Study of means for increasing the stability of a vacuum arc during switching. p. 70.
Kavalerova, L. A., Livshits, B. G. - Aging of alloys for permanent magnets in the 540-700°C range. p. 74.
Ovka, A. B., Deltarov, A. G. - Simplified calculation of resistances and contact potentials of grounding grids. p. 76.
Lokshina, A. K., Ivanova, N. S. - Relationships between the rated parameters of an impulse wave. p. 80.
Makarov, V. I., Gavrilov, G. M. - Features of the impulse discharge of a storage battery. p. 82.
Professor Viktor Iul'evich Gerasimov on his 60th birthday. p. 84.
Professor Vladimir Evstaf'evich Maslov on his 60th birthday. p. 84.

ELEKTROSVYAZ' [TELECOMMUNICATION]. Organ of Ministerstvo svyazi SSSR and Vsesoyuzno-telekommunikatsionnoye obshchestvo radioelektroniki i elektrosvyazi im. A. S. Popova [Ministry of Communications of the U.S.S.R. and the A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunication]. Moscow, vol. 12, no. 9, Sep. 1968.

- Table of contents translated
Tsheslov, V. I. - Interference rejection of optimal methods for the reception of amplitude-modulated radio signals. p. 1.
Lvovich, A. A. - Method for analyzing the selectivity of nonlinear circuits of communication apparatus. p. 13.
Kvashin, S. I., Sazonova, V. K. - Determination of the look trap band of automatic phase adjustment by an asymptotic method. p. 22.
Vasilevich, M. D., Muscarevich, S. A. - Distortions of signals in the coincidences of impulses in asynchronous address communication systems. p. 28.
Nashchitina, L. M. - Optimal parameters of kinematic filters in frequency telegraphy systems with predetection integration. p. 38.
Ginsberg, L. M., Rumov, B. B. - Regular connections of noisy four-terminal networks. p. 45.
Popov, V. A. - Error probability in correct reception and erasure in channels with absorbing fading. p. 53.
Khagin, L. E. - Calculation of the parameters of phase-difference networks. p. 60.
Ivanov, S. M., Ilasov, I. P. - Synthesis of hybrid junctions. p. 81.
Bystritskiy, V. E. - Gain control of a low-frequency transfer amplifier by additional variable oscillations. p. 84.
Moskvina, V. D. - Statistical relationship between the frequency characteristics of attenuation and the phase constants of communication channels. p. 74.
Pavlovskaya, A. L. - Interference rejection of frequency telegraphy in nonuniform channels. p. 78.
Molodtsov, G. S., Karashevskiy, G. V. - Analogy between the recording of a pulse-modulated signal and the recording of a modulated signal with continuous carrier. p. 79.

Vol. 12, no. 11, Nov. 1968.

- Table of contents translated
Pirogov, A. A. - Optimal keying speed and carrying capacity of time and frequency disturbed communication channels. p. 1.
Chirkov, B. L. - Effect of resynchronization on the interference stability of relative phase telegraphy receivers with detector integration. p. 8.
Maur, A. A. - Effect of the earth on the correlation of signals in diversity reception of ultrashort waves. p. 12.
Aksenberg, G. Z., and others. - Rotatable radio broadcast antenna. p. 18.
Kuznetsov, V. D., Parusov, V. K. - Wideband device for balancing and matching. p. 22.
Glasman, E. S. - Formation of the frequency characteristics of a television transmitter. p. 35.
Korobov, I. U. - Interference stability of a microwave communication channel in relative phase telegraphy. p. 42.
Rybnik, E. I. A. - Analysis of nonlinear distortions originating during the passage of an FM signal in a nonlinear media. p. 51.
Lobanov, B. M. - Automatic separation of noise from clipped speech. p. 60.
Kopylov, B. M. - Comparative analysis of the effectiveness of phase regulatory elements in a corrector of nonlinear distortions. p. 65.
Belokobyl, I. U., Belokobyl, A. G. - Circuit of a quartz FM oscillator. p. 70.
Belov, L. A. - Effect of automatic phase adjustment on the characteristics of transient processes in a tuned amplifier with random jumps in the phase of the input signal. p. 74.
Maslovskiy, K. A. - Why we should reject the concept of "signal volume in communication." p. 78.

ELEKTROTEKHNIKA [ELECTRICAL ENGINEERING]. Organ of Ministerstvo elektrotekhnicheskoy promyshlennosti SSSR [Ministry of the Electrical Engineering Industry of the U.S.S.R.] and others. Moscow, vol. 29, no. 10, Oct. 1968.

- Table of contents translated
Klimovskiy, G. M., Voronov, G. G. - Six-phase windings of turbogenerators. p. 1.
Skul'dinov, L. M. - Increasing the rated power of turbogenerators. p. 8.
Dul'kina, A. I. - Effect of damper winding on the losses and the magnetic field of a synchronous machine. p. 8.
Kirkin, B. I. - Experimental determination of the parameters of the equivalent circuit of a synchronous machine. p. 15.
Sharipov, A. M., Tuller, M. Z. - Indirect tests of squirrel-cage induction motors. p. 13.
Derevskiy, D. P., Bogushevskiy, I. Z. - Calculation of principal losses in the teeth of electrical machines using integral curves. p. 14.
Zimakov, V. G. - Transfer function of the automatic excitation control system of a synchronous motor. p. 18.
Arty, A. M., and others. - New series of metal exciters with fixed outflow spot. p. 20.
Dedits, B. I., Duditskiy, L. P. - Microcircuit control relay of pulse mode operating cold-cathode thyristors. p. 22.
Ostrovskiy, I. U., Shkolnikov, I. G. - Protection of large semiconductor power converters. p. 28.
Kargovskiy, V. T. - Rated power of the thyristors of direct power converters. p. 37.
Abramov, A. M. - Special features of thermal characteristics of thyristors. p. 39.
Vedenev, G. M. - Stabilization of the output voltage of static transistorized converters. p. 34.
Kosov, V. V. - Operation of a saturated transistor with a pulsed load current. p. 39.
Lapshin, V. A., Oshchuk, S. G., Sidorov, V. P. - Switching processes in thyristor converters with condenser commutation. p. 42.
Moln, V. S., Laptev, M. M. - Rated power of the power components of transistorized current inverters. p. 45.
Rozhnov, V. V., Krashev, I. U. M. - Methods for calculating the electrical resistances of a storage battery. p. 50.
Kobakov, F. A., Rabchinskii, A. V. - Analysis of errors in the measurement of vacuum. p. 52.
Beygim, T. I., Verbitskiy, I. A., Sergeev, V. V. - Study of the temperature stability of permanent magnets in the interval from -80 to +100°C. p. 54.
Sazonova, N. G., Shkolnikov, I. P. - Methodological errors of one method for integrating a direct current. p. 57.
Sidorov, I. U. M., Sedukhin, B. S. - Concerning the article "Protection of low power motors." p. 60.
Maslovskiy, F. K. - Concerning the article "Testing of industrial equipment for solar radiation effects." p. 61.

Vol. 30, no. 11, Nov. 1968.

- Table of contents translated
Aleksandrov, M. V., Troshchakov, S. G. - "Menoff"-type insulation for the stator windings of high-voltage generators. p. 1.
Baklan, G. K., Savchenko, P. A., Medvedev, I. G. - New method for insulating the poles of electrical machines. p. 8.
Rohk, A. I., Lakovskiy, A. I. - Electrical machines with magnetodielectric wedges. p. 7.
Hilshberg, V. A., Bol'shakov, A. A. - Current drying and life of the insulation of electrical machines. p. 8.
Gelfman, M. K., Marovitch, V. L., Popov, I. U. V. - Electrical strength of an epoxy compound subject to d.c. action. p. 11.

- Mishakov, A. G., Dubovik, V. M., Mal'tuk, I. I. A. - High-voltage insulators from slag steel. p. 1.
Mazurov, N. I. - Electrical strength of a lamella condenser dielectric. p. 10.
Shcherbakova, L. A., Kariakina, M. I. - Study of characteristics of lacquer paints at negative temperatures. p. 19.
Oganesyan, G. Z. - Synchronous motor with auto excitation control. p. 22.
Dinkel', A. D., Petrenko, V. I. - Linear excitation voltage generator for the ignition system of regulated rectifiers. p. 28.
Sidorov, A. B., Babitskiy, V. P. - Designing of rectifiers using thyristors with a.c. line voltage. p. 37.
Kalinin, I. S., Dolnik, R. P., Chernogolov, V. M. - Protection of the control winding of a autotransformer. p. 39.
Chernov, I. U. - Hydraulic systems for high-voltage switches. p. 41.
Kasprinsk, G. M., Shkolnikov, R. I. - Calculation of parameters of power supplies for multipoint welding in a media of protective gases. p. 44.
Agaf, I. A. - Distribution of polarization along the width of a porous electrode. p. 50.
Vasilevskiy, D. S. - Effect of thermal vacuum treatment on the behavior of insulating oil in local atmosphere. p. 58.
Valenskiy, B. Z. - Study of the reliability of the traction equipment of VL-8 series electric locomotives. p. 65.
Lyov, M. K., Godshello, A. G., Deglar', V. G. - Behavior of helium in a rotating liquid metal contact. p. 68.
Kvashin, V. S., Kravtsov, K. S. - Dielectric properties of polyester plastics and composites their thermal stabilization. p. 69.
Zhitkov, D. V. - Ultrasonic flaw detection in r-type standoff insulators. p. 81.
Zin'ko, E. I., Svetlova, I. A. - Study of arc roots materials for switches with a magnetic blow. p. 86.
Libits, I. Sh., Varfolomeev, L. P. - Use of dielectric fluids for measuring the parameters of high-voltage motors. p. 87.
Mazurov, O. P., Byrd'vitskiy, E. K. - Calculation of parametric tolerances of asynchronous motor. p. 88.
Mefedova, S. B., Mrochovskiy, M. M. - Origin of use of analogies in the calculation of polymeric converters. p. 87.
Korotkiy, V. S., Chernovskiy, A. K. - Determination of rated power coefficient of regulated rectifier with rotating magnetic field. p. 89.
The 60th birthday of Pavel Mikhailovich Ipatov. p. 90.

ENERGETICHESKOE STROITEL'STVO [POWER ENGINEERING AND ELECTRIFICATION]. Organ of Ministerstvo energeticheskoy promyshlennosti SSSR [Ministry of the Electrical Engineering Industry of the U.S.S.R.] and others. Moscow, no. 11 (60)-12 (60), 1968.

ENERGETIKA I ELEKTROIFIKATSIA [POWER ENGINEERING AND ELECTRIFICATION]. Organ of Ministerstvo energeticheskoy promyshlennosti SSSR [Ministry of the Electrical Engineering Industry of the U.S.S.R.] and others. Moscow, no. 11 (60)-12 (60), 1968.

- Table of contents translated
Electric power engineering in the Ukrainian S.S.R. in 1967. p. 3.
Ponomarev, O. V. - Automation of thermal power and prospects for its development. p. 7.
Sobushchikov, G. G., and others. - Improvement of terminal part of the TGV-300 turbogenerator. p. 10.
Likhachev, G. M., Litovskiy, V. V., Fedorov, R. Sobushchikov, G. M. - Calculation of labor organs in the preparation for the start of a 300 MW. p. 10.
Sigal, I. A. - Purity of flue gases of boilers operating on gaseous fuel. p. 12.
Sviridov, S. I. A. - Ratio voltage of busbars during a following a split reactor. p. 15.
Khristov, V. A., and others. - Use of jet-stabilized burners in GTU-8 KTG gas turbine combustion chambers. p. 16.
Khopta, G. M. - Calorimetric methods for measuring temperatures. p. 17.
Karp, I. M., Shkolnikov, B. I., Mal'tukov, V. I. - Increasing the concentration of carbon dioxide in the flue gases of a fire-tube boiler. p. 18.
Sidorov, V. I. A., Sazonov, R. P., Barilov, I. - Increasing the reliability of RLK-18 disconnector switches. p. 19.
Kosov, D. M., Sazonov, G. G. - Results of tests of devices for automatic combination control of equipment with a power flow regulator. p. 21.
Voznov, A. P. - Universal system for the remote control of the position of components of thermal power generating units. p. 22.
Fedotkin, I. M., Kozalla, S. A. - Heat exchange of different directions of free and forced convection in vertical pipes. p. 24.
Iurovskiy, I. U. M. - Planning of sequential operation in rural electrification. p. 26.
Tsvetkov, V. M., Vasserman, G. I., Kravtsov, K. S. - Disconnections in rural electric power distribution networks. p. 29.
Maslovskiy, I. U. A. - MASH-10 power supply of recovers. p. 30.
Rukhovich, I. P. - Consideration of the life of induction motors in their engineering and economic analysis. p. 33.

- Neboschanko, T. M., Gvozdevskii, M. K. - Scientific organization of labor in power engineering. p. 35.
- Ratnikov, M. M. - Scientific organization of work and protection of labor in power engineering. p. 36.
- Solomin, V. M. - Information needs in power generating enterprises. p. 40.
- Komarykova, S. V., Madolen, A. A., Dukin, G. I. - Power engineering in Great Britain. p. 47.
- Klimenko, G. A. - Power engineering in France. p. 48.
- Markovskii, F. T., Malinikov, T. M. - Peak load power plants in present day electric power engineering. p. 51.
- Sigoraki, V. P. - Accuracy of the calculation of poly-symmetrical factors in the analysis of electrical networks using electronic digital computers. p. 53.
- Maslov, V. I., Simborski, A. I. - Gas turbine systems with 85 Mw. rating. p. 54.
- MATERIALS K BIOBIBLIOGRAFI UCHENYKH SERII**
Seria "tekhnicheskii nauki. Elektrotehnika" [MATERIALS RELATED TO THE BIOBIBLIOGRAPHY OF SCIENTISTS OF THE U. S. S. R. Technological Sciences Series. Electrical Engineering]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1968.
- NOVOYE V KHIMII, NAUKI, TEKHNIKE** Seria "Tekhnicheskii nauki" [NEW IN CHEMISTRY, SCIENCE, TECHNOLOGY. "Technological Sciences" Series]. Moscow, no. 11, 1968.
- POLUPROVODNIKOVAYA TEKHNIKA I MIKROELEKTRONIKA** [SEMICONDUCTOR AND MICROELECTRONICS]. Issued by Akademiya Nauk Ukrainy SSSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 2, 1967.
- Table of contents translated:
- Mukh, M. P., and others. - Electron-beam detectors with CdS single-crystal base. p. 8.
- Vasilevskii, V. M. - Germanium resistance thermometers for 20-77° K temperature range. p. 13.
- Bandakova, A. V., and others. - Study of the operation of silicon a.c. silicon strain gauges in static and dynamic modes. p. 23.
- Strizha, V. I. - Effect of surface states on the straight branch of the volt-ampere characteristic of a metal-semiconductor junction (case of high injection levels). p. 30.
- Shumak, D. L., Strizha, V. I. - Determination of the volt-ampere characteristic of a semiconductor diode with a small contact area. p. 39.
- Grotche, A. M. - Phenomenon of delay of the leading front of an impulse in a double-base diode. p. 43.
- Shchegolev, A. V., Tarasova, A. S. - Effect of the diffusion of the carriers in the base region of semiconductor devices on the spectral density of the noise current. p. 50.
- Oshchepko, L. I., Tarasova, A. S., Madrenko, M. L. - Spectrum of low-frequency noise in electron-hole junctions. p. 64.
- Prokhorov, E. D., Shchegolev, M. A. - Transient processes during forward and reverse connection of p-n-p-n junctions. p. 68.
- Prokhorov, E. D., Shchegolev, M. A. - Measurement of the speed of recombination of n-p-n type semiconductor contacts. p. 80.
- Melnyakov, M. M., Bogdan, G. I. - Nonlinear negative impedances based on thin dielectric films in oscillator circuits. p. 86.
- Prasporo, V. I., Pleschinskii, V. M. - Analysis of tolerances in the transmission factor of a transistor amplifier with feedback. p. 90.
- Strizha, V. I. - Equivalent circuit of a metal-semiconductor contact taking into account the surface condition. p. 104.
- Melnyakov, M. M., Bakushev, A. V. - Control of the density of the surface charge of thermally oxidized silicon by the polarization of an oxide film. p. 122.
- Aspykidi, B. A., Popov, I. M. - Electrical properties of barium titanate crystals. p. 127.
- Maslovskii, V. M., and others. - Silicon microdiode matrices. p. 134.
- Klatchevskii, L. I., Gusevskii, M. S. - Microdiode matrices. p. 143.
- Melnyakov, M. M., Gusev, V. A. - Rational choice of initial material for basic crystals of solid state devices realized by planary means. p. 148.
- PRIBORY I SISTEMY UPRAVLЕНИЯ** [INSTRUMENTS AND SYSTEMS OF CONTROL]. Organ of Ministerstvo Prirodoisshledeniya, sredstv avtomatizatsii i sistem upravleniya i Teoriya i prikladnye aspekty tekhnicheskikh obshchestvennykh prirodoisshledeniya i promyshlennosti [Ministry of Instrument Manufacture, Means of Automation, and Control Systems, and Central Administration of the Scientific and Technological Society of the Instrument Industry]. Moscow, no. 8, Sep. 1967.
- Table of contents translated:
- Blonovskii, G. A. - Development of analytical instruments as an important condition of technological progress. p. 1.
- Bokov, V. V., and others. - Some problems of automatic instrumental analysis of liquids. p. 9.
- Kashchik, M. A., and others. - Study of a magneto-optical analyzer of liquid mixtures for controlling benzol under industrial conditions. p. 8.
- Belokobyl'skii, A. A., and others. - Analysis of errors in measuring the pH factor based on the detection error of standard buffer solutions. p. 18.
- Kutikov, A. F., Brelchikov, A. L. - Design of a ring counter using four-layer switching diodes. p. 18.
- Tsvetov, I. U. - Dividing and multiplying device using sawtooth carrier signals. p. 14.
- Lebedev, A. V., Tolchinskii, E. M. - ERA high-speed measuring equipment. p. 17.
- Zaidenberg, E. D., Maslov, S. A., Urakov, R. F. - Equipment of the readout of programs from punched tapes in automatic control and regulation systems (brief survey of Russian developments). p. 20.
- Vorob'eva, T. M., Malinikov, A. I., Kravtsov, V. M. - New digital counting devices. p. 23.
- Mikhailov, E. V. - Noiseproof digitizer for sensitive spectroscopy. p. 25.
- Shchegolev, I. U., Gusev, V. I. - Effect of material and technology of the treatment of coatings on the characteristics of thin magnetic films. p. 27.
- Kolomo, E. A., and others. - Automatic thermoelectric test chamber. p. 30.
- Dezhelev, V. I., Malinikov, A. L. - Equipment for locating short-circuited turns. p. 38.
- Kogin, E. L. - Experience in technological grouping of cold-chamber components using a punched-card machine. p. 30.
- Tamolskii, G. A., Chernob, D. D. - New materials for instruments. p. 32.
- Mosin, V. M. - Effectiveness of the operation of enterprises under new conditions of planning and economic stimulation. p. 34.
- Nikol'skii, G. A. - New analytical instruments designed by the Special Design Office for Analytical Instrument Making. p. 36.
- Vasilevskii, G. I., Grotche, A. M. - AT-120 automatic direction meter for determining the concentration of sulfuric acid and copper sulfide in a multicomponent solution. p. 37.
- Gubina, I. U., Lashin, K. B. - Some types of electrical substance composition indicators. p. 38.
- Kremer, V. A., Kiselev, V. L., Zaitseva, L. A. - Automatic photoelectric concentration meter of xanthoproteic solutions. p. 38.
- Solov'yevskaya, I. M., Brykova, L. E. - Equipment for polarographic analysis. p. 41.
- Kotli, M. M., Abay, G. M., Taktarov, P. K. - Devices for the analysis of small additions of moisture. p. 43.
- Donskikh, L. K., Shchegolev, M. A. - Automatic pulse bridge. p. 48.
- Protasik, V. V., Fedorov, A. L. - Positional control device using MPShokPr-84 and LPr-83 instruments. p. 48.
- Rudnik, A. I., Gubinskii, M. I., Komarova, Z. I. - Photoelectric pyrometer. p. 48.
- Phetko, A. P. - Improving the operational quality of the MPPCh-4 electrocardiograph. p. 49.
- Polov, A. P. - Laboratory rotometer. p. 49.
- Barinov, I. V., and others. - Device for digital indication of the relative speed of two rotating shafts. p. 50.
- Korotkov, M. I. - High-frequency transistor trigger circuits. p. 51.
- Prokhorov, E. D. - Mounting of instrument parts using machine-tool units and jig boring machines. p. 51.
- New equipment developed by the British concern BIMA. p. 52.
- Index of new instruments. p. 57.
- Mo, H. Dec. 1968.
- Table of contents translated:
- Donskikh, L. K., Zograf, I. A., Shchegolev, S. A. - Converter of direct current to frequency based on the principle of nuclear magnetic resonance. p. 1.
- Lavrenko, M. A., and others. - Study of the storage of high-frequency impulses in electrodynamic logographs. p. 1.
- Grotche, V. I., Donskikh, V. M., Kogin, E. L. - Calculation of pressure in the intake channel of a turbojet jet amplifier. p. 4.
- Grigorov, A. B., and others. - Experimental study and evaluation of the reliability of elements and assemblies of analytical instruments. p. 9.
- Korotkov, V. P. - Calculation of the toroidal windings of low-power transformers using nomograms. p. 14.
- Pylyashin, V. A., and others. - Multifunctional devices based on a pulse-width modulator. p. 17.
- Vilner, G. A., Kalina, L. I. - Transistor self-oscillator with stabilized amplitude. p. 20.
- Rudnik, M. M., Kirichenko, I. U., Zaitseva, E. M. - Device for controlling the flow of free-flowing materials. p. 21.
- Aves, G. L. - Operation of computers in automated control systems. p. 24.
- Zerkov, V. V., Bakorov, E. L. - Comparison of common algorithms of filtration of measured signals. p. 28.
- Orlov, V. A., Tikhonov, P. K. - Industrial model of a divergent industrial complex. p. 34.
- Konopchuk, V. M. - Method for multiple-readout registration of information transmissions in automated systems of industrial management. p. 35.
- Asatryan, B. I., and others. - Experiences in the operation of a converter melting control system using a control computer. p. 38.
- Gavrilov, A. M., Gerasimov, L. M., Bogdan, M. G. - Determination of forces in metal rolling using synchro coordinates. p. 38.
- Bochkova, M. P., Tsurina, M. S. - Multilayer printed plates. p. 44.
- Ovchinnikov, I. U., Fridland, I. U., Shukolov, P. M. - Establishing of rational economic conditions in the administrative structure of an enterprise. p. 43.
- Strizha, I. U. A. - Use of an automatic electronic potentiometer in the division of two voltages. p. 48.
- "Nondestructive memory" logical elements with retention of information during power supply interruptions. p. 49.
- Bochkova, M. P., Pavlova, T. I., Gavrilov, I. I. - Silicon diode temperature sensor and its characterization. p. 47.
- Klimov, V. V. - Method for deriving dynamic characteristics of measuring devices. p. 48.
- Parshchikov, V. A. - Continuous digital integrator using ferrite-transistor elements. p. 48.
- Lavrenko, L. I., Malinikov, V. A., Grotche, G. M. - Control of the surface temperature of an ingot in a bathing roll. p. 50.
- Levin, G. I., Mikov, M. P. - Expansion of the delay range of the RVN motor time relay. p. 51.
- Lashchinskii, V. G. - Time relay using multivibrators. p. 53.
- Barduk, A. P. I. - Method for measuring the e.m.f. of a standard thermocouple. p. 54.
- Finkov, A. I. - Method for assigning a program of the change of a regulated quantity. p. 54.
- Trishko, N. K., Pristavko, M. A. - Multiscale automatic potentiometer for measuring low temperatures in a wide range using the EPP-0512 device. p. 56.
- Index of new instruments. p. 57.
- RABOTY PO TEKHNIKE I ELEKTRONIKE** [WORKS ON TECHNICAL CYBERNETICS]. Issued by Vychislitel'nyi tsentr Akademiya Nauk SSSR [Computation Center of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, 1968.
- Table of contents translated:
- Vysotskii, G. I. A., and others. - Algorithms for the cognition of 40 words by the BESM-2M digital computer. p. 3.
- Artamonov, I. A., and others. - Data display from an operational memory unit of a digital computer on the screen of an electron-beam tube. p. 34.
- Kolobinski, M. B., Shchegolev, S. A. - Experiments with the BESM-6 digital computer in simulation treatment and automatic translation of Japanese patent texts. p. 40.
- Shchegolev, S. A. - Study of possibilities for automatic text reading from the Japanese patent journal "Tokio Kokbo". p. 58.
- Hellman, D. M., V. I. - Geometrical method for pattern cognition. p. 62.
- RADYOTEKHNIKA I ELEKTRONIKA** [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 13, no. 11, Nov. 1968.
- Table of contents translated:
- Gur'yov, A. B. - Effect of absorption on the fluctuations of the level of a signal propagating in the atmosphere. p. 182.
- Bedin, V. A., Taganov, R. M., Savostianov, T. D. - Decomposition of the field of waveguides with random cross section using models with a quasi-static field. p. 183.
- Minkovskii, B. M. - Diffraction diagrams of the directivity of a round aperture with an asymmetric amplitude distribution. p. 191.
- Shchegolev, O. E. - Quasi-optical transmission line from periodic corrugations. p. 194.
- Papchenko, B. A. - Interaction of radiators in multiplexed lattices with consideration of fringe effects. p. 198.
- Teplov, V. A., Stepanov, V. B. - Study of an H-resonator. p. 198.
- Il'ichev, M. E. - Phenomena of polarization plane resonance turn in a round waveguide with a ferrite resonator. p. 198.
- Avorobchik, M. E., Vasilev, L. V. - Contribution to the theory of a two-helix coaxial line with longitudinally magnetized ferrite core. p. 198.
- Korotkov, V. V., Tikhonov, M. M. - Statistical characterization of errors in the measurement of parameters using noisy devices with discrete scales. p. 198.
- Mikhailov, M. B. - Converter of n-type conductivity with internal compensation of parasitic effects. p. 198.
- Vil'minov, G. F., Bobrovskii, I. U. M., Gubinskii, S. V. - Influence of the localization effect on the operation of a traveling-wave tube. p. 200.
- Logachev, V. A., and others. - Characterization of a resonator in a magnetic field. p. 201.
- Shchegolev, I. A. L. - Utilization of the special features of transients in the protection of quantum parametric amplifiers in pulsed radar stations. p. 203.
- Lashin, P. S., Lashchikov, E. G., Chernobrovkin, G. A. - Study of some properties of a ring laser using electro-optic modeling. p. 203.
- Baryshin, A. A. - Use of the coupled wave theory in the calculation of the interaction of carrier drift currents with acoustic waves in piezoelectric semiconductor. p. 204.
- Kozlov, V. P., and others. - Combustion of ZnO oriented layers alloyed by carbon. p. 204.
- Tishchenko, V. D. - Cathode scattering of silver and tungsten by slow ions of inert gases. p. 204.
- Pospelov, L. A. - Operating a electron in a nonuniform drift field. p. 204.
- Maslov, L. M. - Extraction of a current-carrying filament over an antireflective conductive plane in a flat waveguide. p. 204.
- Kosychev, I. U. G. - Calculation of the constants of propagation of waveguides with gyrotropic filling. p. 204.
- Shchegolev, V. I. A. - Calculation of a two-rod two-valued sector section of the dispersion characteristics of a round waveguide with a dielectric rod. p. 204.
- Diachonko, A. A., Shchegolev, O. E. - Use of holograms in the analysis of wave beams in quasi-optical transmission lines. p. 204.
- Bobrovskii, V. I., Potapova, I. V. - Methods for increasing volume depth in the calculation of a hologram. p. 204.
- Zholozhnikov, M. M., Kuznetsov, V. A. - Optimization of the directive gain of an antenna array with additional conditions. p. 204.
- Deringin, L. A., Shulin, P. G., Shchegolev, V. I. - Effect of the wall of a waveguide on magnetostatic modes excited in a ferrite sphere. p. 204.
- Shchegolev, I. A. D., Golikov, V. M. - Contribution to the theory of the drift of the effective center of secondary excitation. p. 207.
- Bedinskii, A. M. - Integral equations for the synthesis of signals according to functions of intermediate. p. 207.
- Dashkevich, S. M. - Derivation of a signal copy with time scale change. p. 208.

- Gerasimovich, M. E., Bolotov, L. G. - Noise matrix and dissipation matrix of the two multiterminal network couplings. p. 2062.
- Belov, M. M. - Calculation of active and reactive conductance introduced by a tubular beam into a resonator at large space charge density. p. 2065.
- Oravits, B. A., Lopukhin, V. M., Mitin, B. K. - Prospect for reducing the noise factor of an electron beam parametric amplifier. p. 2068.
- Boskovich, V. A., Shumakov, I. U. A. - Nonlinear distortions of a signal with high modulation by means of electrooptical modulators based on Pockels effect. p. 2069.
- Basarav, H. M., and others. - Short-term frequency stability of a laser operating on Rb^{87} vapors. p. 2070.
- Geprikh, V. L., Kh. L. - Forced radiation of active filaments. p. 2074.
- Balim, G. M. - Analysis of complex semiconductor structures with p-n junctions. p. 2080.
- Krasov, P. A. - Selective receiver of radiation based on the photogalvanic effect of cadmium telluride. p. 2184.
- Serbakov, L. A., Shkarov, V. L. - Method for evaluating the potential of charged spots on a dielectric. p. 2186.
- Baranova, L. A., Finkova, T. I. A., Lavrov, S. I. A. - Some types of electrostatic quadrupole-octapole lenses. p. 2192.
- Vol. 13, no. 12, Dec. 1988.
- Table of contents translated:
- Shchelavskiy, A. V. - Refraction of electromagnetic waves in the earth's atmosphere with presence of laminated anisotropies. p. 2118.
- Pylov, I. U. A. - Radiation of a thin metal antenna in a randomly nonuniform media. p. 2122.
- Marinaj, V. V. - Measurement of electrodynamic parameters of an antenna using a synthesized aperture measurement technique. p. 2128.
- Tikhon, V. E. - Measurement of the parameters of highly directional mirror antennas using a focusing technique over a finite distance. p. 2132.
- Nikit, A. B. - Forced electrical oscillations of two-dimensional periodic impedance structures. p. 2148.
- Orb, Kh. L., Lavinson, I. B., Fridberg, P. M. - Consideration of the thickness of the wall in slot problems of electrodynamic. p. 2152.
- Klaser, B. M., Sazonova, S. S., Tikhon, V. E. - Methods for the design of collimator lenses. p. 2152.
- Mel'nik, V. V., Kozlovskiy, D. L., Nikit, L. P. - Calculation of the dissipation matrix of a waveguide transformer with ferrite. Transverse magnetization. p. 2172.
- Kobzarov, G. I. U. - Analysis of a two-frequency regenerative parametric amplifier using dissipation matrices. p. 2179.
- Orlovskiy, V. V. - Method for measuring the population of a metastable level of active material of a laser. p. 2184.
- Prokha, B. V. - System for controlling the phase difference of high-frequency oscillations using a modulated light beam. p. 2186.
- Vysotskiy, D. M. - Determination of relative probabilities of cross relaxation in a ruby using laser factor oscillation values. p. 2188.
- Vallor, R. A., and others. - Study of QCM oscillator based pulse generators. p. 2192.
- Vititskiy, A. I. A., Trunov, V. V. - Spread of the range of absorbed and reflected electrons in thin solid films. p. 2198.
- Devilov, M. M., Shchurikhin, V. F. - Effect of the nonhomogeneity of the coating on the spectral noise density of the speed of electrons in a beam emitted by an oxide cathode. p. 2211.
- Devilov, M. M., Shchurikhin, V. F. - Photoelectric detector with a virtual cathode. p. 2217.
- Dezhnevskiy, G. V., Kullikov, I. U. V. - Third-order aberration of cathode lenses with disturbed axial symmetry. p. 2222.
- Lopukhin, V. V. - Optical separation of plane waves by a linear antenna with presence of plane errors. p. 2228.
- Mishchenko, B. M. - Optimization of the transconductance of antenna array directivity difference diagrams. p. 2232.
- Kashkin, M. A., Branda, B. V. - Prospects for the adjustment of two-mirror antennas in the nearest zone. p. 2234.
- Kashchenko, M. L., Rogozin, V. V. - Some forms of the solution of a problem on the field of a rectangular cavity resonator. p. 2238.
- Polotskaya, S. M. - Connections of Galerkin-Ritz equations for volumetric and two-dimensional hermitization of a problem on free waves of a waveguide. p. 2242.
- Dzhalilov, A. M., Korotko, V. A. - Characteristics of the detection of a coherent peak of impulses with a random initial phase in the background of Gaussian noise with unknown intensity. p. 2248.
- Krolev, I. U. M. - Establishment of the mode of operation of a delayed parametric generator. p. 2247.
- Gurber, I. B. - Synthesis of RC circuits with distributed parameters. p. 2250.
- Kulikov, B. I., Trifanov, A. P. - Some properties of a signal at the output of an optical receiver. p. 2254.
- Vorobeychikov, A. M. - Determination of the correlational function of nonstationary noises in detector and superheterodyne chambers. p. 2257.
- Vlasov, A. D. - Dispersion dependences in the nonlinear theory of space charge waves. p. 2258.
- Bakhar, I. K., and others. - Features of the thermodynamic approach to molecular laser design. p. 2262.
- Mishchenko, I. V., Sazonov, S. A., Kishina, M. M. - Electrooptical effect in GaAs crystals on $\lambda = 10.8 \mu\text{m}$. p. 2264.

- Zilberman, P. E., Isakov, S. M., Masalskiy, O. D. - Excitation of ultrasonic waves near the surface of conductors. p. 2267.
- Aderikhin, V. I., Zilgal'tsi, G. P., Potemkin, V. V. - Study of the statistics of the phase in a thin-film parametric with transverse pumping. p. 2268.
- Zilgal'tsi, G. P., Potemkin, V. V. - Fluctuations in a thin-film parametric with transverse pumping. p. 2270.
- Kozlov, V. F., Lashchenko, G. A. - Prospects for increasing the efficiency of film-type tunnel diodes. p. 2271.
- Pikus, G. I. A., Mikhov, V. F. - Effect of small-dispersion additions of some metals on the physical and chemical emission characteristics of oxide cathodes. p. 2272.
- Gvozdev, R. S., and others. - Observation of piezoelectric fields in a microscopic electron mirror microscope. p. 2274.
- Sedov, B. M., and others. - Quantitative studies of electrical and magnetic microfields in raster electron microscopy. p. 2278.
- Kon'kov, I. D., and others. - Effect of longitudinal varying magnetic field on generation in ionized argon. p. 2282.

REFRATIVNYI ZHURNAL: AVTOMATIKA, TEHNIKA I VYCHISLITEL'NAYA TEKHNIKA (JOURNAL OF AUTOMATIC CONTROL, REMOTE CONTROL, AND COMPUTER TECHNOLOGY). Issued by Vsesoyuznyi Institut avtomaticheskoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12, Dec. 1988.

REFRATIVNYI ZHURNAL: ELEKTROFIZIKA (Officialnyi izdanie 64) (JOURNAL OF ELECTROPHYSICS (Official Issue 64)). Issued by Vsesoyuznyi Institut avtomaticheskoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 1, 1988.

RUSSIA (USSR) (Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya, Rossiya vysshaya shkola i srednyaya spetsial'naya shkola [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning: Electrical Machinery and Apparatus]. Moscow, no. 8, May 1988.

- Table of contents translated:
- Kovtun, I. U. A. - Radiation conditions of a ferromagnetic body in the cavity of a magnet. p. 478.
- Lomskiy, A. M., Loboda, V. M., Fabrika, L. P. - Electrostatic modeling of systems with input interactions. p. 484.
- Bron, G. B., Epekhina, V. P. - Pressure on a cylindrical part in magnetic inhomogeneous treatment of metals. p. 484.
- Bondarenko, G. S. - Pressure field of shock waves with large submerged charges. p. 503.
- Rogachev, I. S., Lashchenko, L. I. - Plasma contacts in vacuum machines. p. 508.
- Gorshkov, A. F., Kirpichnikov, Y. M. - Description and analysis of the structure of information input devices using the graph theory technique. p. 514.
- Idchababekov, V. D. - Limit angles of control of an electronic converter in the structure of a motor of an electronically excited drive with reversing field. p. 521.
- Belikov, K. V., Prizis, I. M. - Methods for the approximation of a sinusoidal voltage of autonomous inverters. p. 524.
- Bratukhin, V. E., Shchurikhin, L. I., Sirochenko, Kh. G. - Operation of semiconductor rectifiers on different frequencies. p. 532.
- Lomskiy, I. I. - Principal problems of a single-phase frequency converter using thyristors. p. 541.
- Avilov-Krasnoshchikov, B. M. - Principal energy characteristics of coal mines. p. 548.
- Lavitskiy, V. M., Tuzanov, A. I. - Determination of rated current in the selection of transformer power by the year of installation with given random load graph. p. 550.
- Obel'fats, S. M. - Selection of condenser voltage in the compensation of reactive loads of industrial enterprises. p. 555.
- Mishchenko, V. K., Burakov, V. V. - Device for the automatic control of percentage content of the binder in a glass plastic. p. 557.
- Shalygin, I. V., Sazonov, S. V. - Calculation of dynamic characteristics of serial detectors. p. 559.
- Ardeev, V. P. - Universal device for measuring the level of liquid and viscous media. p. 563.
- Masarskiy, S. I. - System for interrupting the "Deeper" control computer manufactured in 1984. p. 565.

Mo. 12, Dec. 1988.

- Table of contents translated:
- Tokoni, G. V. - Calculation of three-dimensional fields in piezoelectric homogeneous media. p. 1994.
- Vorobeychikov, A. A., and others. - Efficiency of the charge of a capacitive storage device. p. 1998.
- Dolmat, B. P., Chalka, L. M. - Overvoltages in the control winding of an electronic converter. p. 2011.
- Bekhorova, B. A., Benkov, I. U. I. - Study of a transverse plasma jet as an object of optimizing control. p. 2017.
- Obel'fats, S. V., Opyshko, I. A. - Determination of optimal transfer functions of automatic control systems of the speed of electric drives of rotating cages of thin-sheet hot rolling mills. p. 2024.
- Zagorodnitskiy, V. T., Lashchenko, V. A. - Use of mathe-

- matical modeling in studying a system set to optimal operation of a drilling machine.
- Shchurikhin, L. P. - Problems of the statics of a drive with electrodynamic slide of and multispeed induction motors. p. 2038.
- Kamov, B. L., Fursov, M. M. - Optimization of mechanical characteristics of the drive of a mining machine using a digital computer in Monte Carlo method. p. 2045.
- Bogdanov, B. A. - Pulse duration modulator Khavrov, K. L. - Converter generators of square waves. p. 2044.
- Polakov, V. M., Shadrin, I. U. K. - Conditions for the realization of threshold logical functions in automatic systems. p. 2061.
- Vorobeychikov, I. E., Gerasimov, V. B. - Simple voltage sources for the power supply of three elements of automatic and remote control. p. 2067.
- Davlov, A. A., Lashchenko, G. M. - Use of positive feedback in the linearization of a servomechanism. p. 2071.
- Krasnikov, L. P., Goldshchik, I. A., Kuznetsov, V. I. Methodology for determining optimal position of the parameters of electrical devices. p. 1.
- Krasnikov, L. P., Chislov, L. A., Goltsov, G. M. - Phase asymmetrical partially controlled rectifier circuit. p. 2077.
- Isvakov, G. M. - Transition control in cord process machines. p. 1980.
- Tikhon, S. A., and others. - Three-dimensional solid power circuit of a three-phase silicon diode. p. 2086.
- Sorokov, A. A., Vasil'ev, G. A., Shchurikhin, V. Study of the distribution of eddy currents in cast shells of traction motors. p. 2088.

SEMINAR "METODY MATEMATICHESKOGO MODELIROVANIYA I TEORIYA ELEKTRONICHESKIH TSEPI" (SEMINAR "METHODS OF MATHEMATICAL MODELING AND THEORY OF ELECTRONIC CIRCUITS"). Sponsored by Nauchnyi sovets po kibernetike Akademiya nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 1, 1988.

- Table of contents translated:
- Krasnikov, I. U. P., Sazonov, V. D. - Realistic methods for the search of a solution in mod with varying structure. p. 2.
- Magorov, L. I. A., Kishina, V. M., Krasnikov, I. Solution of a problem in hydrodynamic mesh log and digital units. p. 12.
- Magorov, L. I. A., Kishina, V. M., Krasnikov, I. Automated electrical analog model for solid diffusion equation using the Laplace method. p. 27.
- Shchurikhin, L. I. A., Bolotov, A. A. - Related sets of a functional converter. p. 33.
- Volkov, M. A. - Analysis of an analog balance out of a frequency converter. p. 48.
- Shchurikhin, V. P., and others. - Conversion of all code to a proportional current. p. 70.
- Volkov, M. A. - Method for analyzing a passive order frequency multiplier. p. 83.

SEMINAR "PROBLEMY PROBLEMY PROBLEMY PROBLEMY" (SEMINAR "PROBLEMS OF PROBLEMS OF PROBLEMS OF PROBLEMS"). Sponsored by Nauchnyi sovets po kibernetike Akademiya nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 1, 1988.

- Table of contents translated:
- Galko, D. M. - Modeling of social relationship small groups. p. 3.
- Popov, A. A., and others. - Organization of steel treatment and analysis of data in a medical information system. p. 20.
- Kulikov, M. A., Korotkov, M. M. - Correlational relationships between principal hemodynamic data. p. 33.
- Gorodkov, M. I., and others. - Experimental steel thermal diffusion technique of the scheme value the heart. p. 48.
- Ivanov-Mironovskiy, K. A. - Psychological and physiological premises in the modeling of the human city. p. 50.
- Agapov, K. G. - Coding of visual information layer net structures. p. 52.
- Lashchenko, V. A., Baranovskiy, B. A., Paley, B. Active systems. p. 58.
- Tikhon, V. V. - Dependence of the effectiveness group problem solving on the group size. p. 60.
- Parabov, A. M. - Coordination processes in active models of conception. p. 68.

Mo. 3, 1988.

Contents: Anonov, M. M., and others. [5] blood therapeutic history of a cardiologist. Standardizirovannaya tarapevicheskaya istoriya bolnoy kardiologicheskogo profilja. 118 p.

SEMINAR "SPEITSIALIZIROVANNYE ELEKTRONNIYE MODELIROVANIYE MAHINY I USTROISTVA" (SEMINAR "SPECIALIZED ELECTRONIC MODELING MACHINES AND APPARATUS"). Sponsored by Nauchnyi sovets po kibernetike Akademiya nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 1, 1988.

- Table of contents translated:
- Kleshchov, A. M. - Control system of a special-

- electric modeling unit for calculating network schedule graphs. p. 3.
- Dodson, A. G. - Operational elements of a digitalizing computer for calculating network schedule graphs. p. 10.
- Kuz'michev, A. I. - Dynamic modeling of network optimization problems. p. 18.
- Alais, G. B., and others. - Method for determining numbers whose sums don't coincide. p. 27.
- Kuz'michev, A. I. - Dynamic modeling of stochastic processes. p. 33.
- Timoshenko, A. G. - Improvement of the operation of extreme voltage indicators. p. 43.
- Kuz'michev, A. I., Chernov, V. A., Drebakov, V. V. - Study of the operation of extreme signal indicators using d.c. amplifiers. p. 53.
- Shadrinskii, G. K. - Diode indicators of extreme signals. p. 60.
- Kaganets, A. S., Krasenko, V. A. - Automatic digit printer. p. 73.
- SEMINAR "TEKHNIČESKIE SREDSTVA SISTEM OBSLUGIVANIYA DANNYKH, UPRAVLENIA I IZMERENIYA."** Trudy [SEMINAR "TECHNICAL EQUIPMENT OF DATA PROCESSING, CONTROL AND MEASUREMENT SYSTEMS." Transactions]. Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1968.
- Table of contents translated:
- Vladimirov, B. S. - Equipment for parallel data transmission through telephone cables. p. 3.
- Kalinin, D. I. - Transmitting subassembly of a frequency phase system for digital data transmission. p. 20.
- Chernik, R. I., and others. - Evaluation of prospects for constructing a standard set of equipment for collecting and storing information using magnetic cards. p. 23.
- Tarasenko, A. M. - Use of the amplitude modulation of the synchronization signal of generators for converting the parameters of electrical circuits to a time interval. p. 34.
- Tarasenko, A. M. - Device for converting small deviations in resistance to a digital code. p. 41.
- Velikikh, M. P., and others. - Multichannel systems for processing signals of frequency transducers. p. 46.
- Bortsevo, V. D., Litynskiy, M. I. - Design of an inverter using field-effect transistors. p. 51.
- Litynskiy, M. I., Bortsevo, V. D. - Algorithm and program for statistical calculation of a universal logical element using field-effect transistors. p. 70.
- Bortsevo, V. D., Levchenko, M. A., Litynskiy, M. I. - Selection of electrical parameters in the construction of complex switching circuits using metal-dielectric-semiconductor structures. p. 73.
- Danilov, M. A. - Electronic digital DF-3 phase meter. p. 81.
- SEMINAR "TEORIYA AVTOMATICHESKOGO UPRAVLENIYA."** Trudy [SEMINAR "THEORY OF AUTOMATIC CONTROL." Transactions]. Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1968.
- Table of contents translated:
- Vodoch, V. P. - IIR method in the theory of linear differential equations with periodic coefficients. p. 3.
- Dell, V. I. - Determination of spectral characteristics of nonlinear systems using the canonical expansion method. p. 14.
- Bratunenko, A. G., Pavlov, A. A., Stepanenko, V. M. - Algorithms for stochastic approximation from the viewpoint of the theory of optimal filtration. p. 27.
- Chukhrov, I. M. - Absolute stability of sampled-data control systems with frequency and pulse-width modulation. p. 43.
- Shevlev, A. G. - Stability of linear automatic systems with variable parameters. p. 64.
- Shevlev, A. G. - Stability of sampled-data systems with variable parameters. p. 84.
- SEMINAR "TEORIYA AVTOMATOV I METODY FORMALIZOVANNOGO ROPRAVLYENIYA VYCHISLITEL'NYKH MASHIN I SISTEM."** Trudy [SEMINAR "THEORY OF AUTOMATA AND METHODS OF FORMALIZED SYNTHESIS OF COMPUTERS AND COMPUTATION SYSTEMS." Transactions]. Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1968.
- Contents: Bodurovskiy, V. G., and others.
- "Avalitika" language for describing calculational processes using analytic transformations. "Avalitika" (syst. dlya opisaniya vyvichislitel'nykh protsessov s primeneniem analiticheskikh preobrazovaniy). 166 p.

No. 6, 1968.

Contents: Gerasimov, V. M. [Problems of machine theory and artificial intelligence] Nekotoryye problemy teorii avtomatov i iskusstvennogo intellekta. 31 p.

- SEMINAR "VOPROSY TEORII ELEKTRONNYKH TELFONNYKH MATEMATICHESKIH MASHIN."** Trudy [SEMINAR "PROBLEMS RELATED TO THE THEORY OF ELECTRONIC DIGITAL MATHEMATICAL MACHINES." Transactions]. Sponsored by Nauchnyi soviet po kibernetike Akademii nauk Ukrainy [Research Council on Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1968.
- Table of contents translated:
- Gerasimov, V. I., Goltvitskiy, V. K., Ivanitskiy, V. I. - Complexity of networks using the C_2 code. p. 3.
- Koval, V. N. - Evaluation of the complexity of networks with logical elements realizing the Meffer stroke function. p. 18.
- Alaevskiy, M. A., Popov, E. V. - Method for increasing the efficiency of memory distribution of control computers. p. 21.
- Donskiy, I. - Error detecting and error correcting codes. p. 24.
- Dubashov, E. P., Potanov, D. V., Sidorov, V. M. - Multilevel magnetic memory elements. p. 43.
- Omel, V. V. - Use of ternary logic in the synthesis of binary logical circuits. p. 51.
- Baranov, S. I., Romashov, V. V. - Use of algorithm graphs in the synthesis of discrete devices. p. 77.
- Stepanov, A. A., Arkhangelskiy, S. V. - Simple method for the synthesis of threshold elements. p. 84.

- V POMOSH' RADIOTELEKSTU (A GUIDE FOR RADIO AMATEURS)** Issued by Vsesoyuznoye dobrovol'noye obshchestvo sotsialisticheskikh volent'erskiy [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 30, 1968.

- VESTNIK SVYAZI [COMMUNICATION REVIEW]** Issued by Ministerstvo svyazi SSSR and Tsentral'nyy nauchno-issledovatel'skiy institut radioelektroniki [Ministry of Communications of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automobile Transportation and Highways]. Moscow, vol. 24, no. 12(300), Dec. 1968; vol. 24, no. 1(31), June 1968.

- VYCHISLITEL'NAYA TEKHNIKA I MASHINOSTROENIYE [COMPUTERS IN MACHINE-BUILDING]** Issued by Institut tekhnicheskikh kiberneticheskikh issledovaniy [Institute of Cybernetics in Engineering of Academy of Sciences of the White Russian S.S.R.]. Minsk, July, 1967.

- Table of contents translated:
- Tyupa, E. Kh. - Language for the input of machinery design information into electronic computers. p. 3.
- Prilevskiy, A. L. - Synthesis of (Q,K)-broadband switching networks using electronic computers. p. 10.
- Fedorov, V. I. - Concept of translation in algorithmic languages. p. 14.
- Larshin, L. M., Pavlova, M. A. - Algorithmization of strip (coil) breakdown of stamperes. p. 30.
- Maklakov, L. P., Taney, V. S. - Program generators of periodic schedules. p. 33.
- Maklakov, G. V., Rakovskiy, A. G. - Algorithmic determination of the location of flat supports in the design of machine tool devices. p. 48.
- Konoplinik, A. A., Rakovskiy, A. G., Turevskiy, E. A. - Special features of the determination of maximal permissible error magnitudes of systems in algorithmic design of drilling attachments. p. 57.
- Alasovskiy, S. I., Dobrotubov, A. I. - Engineering method for the synthesis of control networks of automated machine tools. p. 63.
- Kheiko, S. V. - Synthesis of one class of multistage networks. p. 76.
- Gerasimov, G. K. - Universal method for the synthesis of dimensional circuits of structures in automated design. p. 87.
- Gerasimov, G. K., Lavin, G. M., Tikhonov, G. I. - Algorithmization of the planning of standard layouts for aggregate machine tools. p. 100.
- Gerasimov, G. K., Rosolov, P. I. - Choice of principal dimensions with standardized elements in the automation of design operations using digital computers. p. 122.
- Khalid, E. S., Litvinik, E. G. - Calculation of statistical endothermic shifts using digital computers. p. 134.
- Dubashov, I. U. K., Karginov, B. I. - Apparatus method for calculating function $\arcsin y$ and $\arcsin y^2$ using electronic digital computers. p. 139.
- Karlaya, I. V., Yarovskiy, S. I. - Structural variant of a nonaddress type (NAYM) computer. p. 144.
- Karlaya, I. V., Yarovskiy, S. I. - Principles of the organization of a stack memory. p. 150.
- Lyskov, V. T., Khuzinskiy, E. M., Barmakov, O. I. - Method for redundancy in the MOCU unit. p. 154.
- Dneprovskiy, B. V., Iodo, L. V., Pod'akov, B. A. - Control system of a graph drawing unit. p. 172.
- Chaplin, P. M. - Potentiometric method for the reading of graphical information. p. 182.

1. INDUSTRIES & TRADES

- AKADEMIYA NAUK UKRAINY, Institut elektromekhaniki, Avtomaticheskaya svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding, Automatic Welding]** Kiev, vol. 21, no. 1(118), Nov. 1968.
- Table of contents translated:
- Malars, A. M., Protosel, N. E., Barabovskiy, V. A. - Characteristics of the electron-beam welding of especially high-strength steel. p. 1.
- Prokhorov, N. N., Prokhorov, N. N. - Time during which the weld metal fusion zone remains in the brittle temperature range. p. 7.
- Frolova, I. I., and others. - Microscopic optical heterogeneity of hard-faced metal. p. 13.
- Kabanov, M. S., and others. - Flash butt welding of thin strips. p. 16.
- Khorov, V. P., and others. - Influence of some technological parameters on the welding and brazing process. p. 23.
- Artamonov, V. V., and others. - Possibility of using powder metallurgy methods for welding of metals. p. 26.
- Podkovyazov, A. M., Kaldovskiy, M. I., Lakobashvili, S. A. - Separability of slag crust in welding high-chromium heat-resistant steels. p. 30.
- Mamonov, A. L., Karak, G. M. - Electromagnetic method of evaluating stresses in ferromagnetic weld joints. p. 33.
- Zaruba, I. I., and others. - Welding with a modulated current. p. 35.
- Dubavaga, I. I., and others. - Mechanized welding of brass with the Br. Ahtab-2 wire. p. 41.
- Afonasov, I. V., Sidorov, N. G. - Diffusion welding of copper with copper, nickel, and Al-Mg and Ni-Cu alloys. p. 44.
- Vornik, V. S., Veronikhin, T. I., Bocharova, T. G. - Heat treatment of parts in KHMOT steel, hard-faced with a high-carbon chromium-cobalt alloy. p. 48.
- Kasabidin, B. S., Volkov, V. V., Labanov, L. M. - Method of measuring welding deformations with the aid of pneumatic strain gauges. p. 51.
- Smolchuk-Mikushenko, I. I., and others. - Obtaining exact dimensions of large beds for electric slag welding. p. 53.
- Kryukov, G. B., Eroshenko, N. A. - High-voltage 60 - 200 kV, 4.2 kV power supply for microwelding and microtreating. p. 58.
- Pesonen, A. E., Fedor, E. B. - Thyristor power supply for welding in carbon dioxide. p. 67.
- Kuf, L. B., Eroshin, A. A. - Increasing the resistance to pore formation in welding with powder wire. p. 68.
- Rizskiy, E. T., Ullasov, V. I. - Semi-automatic welding of low carbon steels. p. 67.
- Il'masov, V. M., Kostikov, A. F. - Argon-arc hard facing of aluminum alloys with a fused electrode. p. 68.
- Ignatov, V. G., Rukhin, D. M. - Testpiece of the "fish skeleton" type for testing filler wires. p. 68.
- Nesarenko, O. K., and others. - A simple modulator for pulsed electron beam welding. p. 69.
- Raevskiy, G. V., Melnikov, M. P., Popovskiy, B. V. - At the plants for welded structures of Poland. p. 70.
- Frolova, I. I., Sokolov, I. U. - Congress of the International Welding Institute. p. 74.
- DEREVOOBRABATYVAYUSHCHAYA PROMYSLLENNOST' [WOODWORKING INDUSTRY]** Issued by Obshchestvennyy komitet po lesam, tsifrovomuyushchey, derzavodnykh vyvichislitel'nykh mashin i sistem [Public Committee for Forest, Digitalizing, and State Industrial Enterprises of the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 16, no. 12, Dec. 1967.
- Table of contents translated:
- Fabritskiy, I. B. - Scientific labor organization in lumber mills. p. 1.
- Krotov, L. N., Oskovskiy, V. N. - High-temperature drying of hardwood lumber. p. 4.
- Krotov, L. N., Volchanskoy, V. V. - Effect of the design and precision standard of PR-6 and PR-4A presses on the changeability of kilnboard thickness. p. 6.
- Turashov, V. G. - Method for efficient sorting of thick lumber. p. 8.
- Shalimov, G. L. - MK-8-type grinding machine. p. 11.
- Maslovskiy, V. P. - Determination of the critical radius of veneer layers. p. 13.
- Moisin, B. B. - Effect of pine wood moisture on the coefficient of continuous strength and the coefficient of continuous modulus of deformation in a static flexure. p. 14.
- Glebov, A. S. - Conference on practice exchange concerning work under new economic conditions. p. 16.
- Bolgov, P. V., Kharitonov, G. M. - Modernized "Mikar-LTA"-type wood-drying chambers. p. 17.
- Shestakova, A. P. - Modernization of a pneumatic conveying system. p. 20.
- Bortsev, I. U. - Practice in working by a system of defective product manufacturing. p. 23.
- Dubashov, I. G. - Adjustment and operation of the K-673-type press. p. 23.

- Shvedchenko, A. I., Kuchakov, L. K. - Unit for the repair of saws equipped with hard alloy blades. p. 25.
 Livinskaya, G. A. - Ornamental films based on combined resins. p. 26.
 Novak, L. P. - Papers on the work done in 1958 by the Experimental Design Office of the Ministry of Leather and Paper Industries of White Russia. p. 27.
 Uspalev, B. N. - International Scientific Conference. p. 28.

МЛЕКОПЕКАРНАЯ И КОНДИТЕРСКАЯ ПРОМЫШЛЕННОСТЬ (BAKING AND CONFECTIONERY INDUSTRY). Organ of Gosudarstvennyi komitet po planirovaniyu promyshlennosti pri Gosplane SSSR and Tsentrall'noye pravitel'stvo Mashino-strukturnoego obshchestva planovogo proizvodstva (State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry). Moscow, vol. 12, no. 11, Nov 1958.

- Table of contents translated:
 Chaplin, M. A. - Progressive workers in the enterprises of the R. S. F. S. R. in confectionery industry. p. 2.
 Nuzhik, M. B., Dvortsov, M. M. - Permeability losses in baking chambers. p. 4.
 Belskaya, S. L., Tikhonova, G. P. - Polarographic method for the determination of vitamin B₁. p. 8.
 Moroz, N. R. - Flow sheets for and technological parameters of pneumatic conveying units in the food industry. p. 10.
 Shchegolev, S. D., and others. - Studying the compactness and adhesion of molded fruit-paste candies and the mechanization of their removal from molding forms. p. 12.
 Astasov, B. M., and others. - Straightening of the flow during molding of candy masses by extrusion. p. 14.
 Korobkova, A. A. - Studying the vibrations of mixing conveyors and feeders. p. 16.
 Novotitskaya, M. I. A., Gaiduk, L. A., Agay, L. M. - Use of thin-layer chromatography for the study of organic acids composition in industrial solutions of citric acid. p. 22.
 Markova, M. A., Konchikova, L. M. - Determination of the physical properties of nascent dough. p. 23.
 Zepina, E. M., Belykh, L. M. - Amino acid composition of raisins delivered to yeast factories of the Ukraine. p. 25.
 Kozlov, M. D., Stetsko, F. V. - Profitability of enterprises under new economic conditions. p. 28.
 Vashchenko, A. F. - Labor productivity increase on continuous lines of the confectionery industry. p. 30.
 Garkina, L. A. - Efficiency promotion in the Kirovskiy Bread Manufacturing Combine. p. 32.
 Kiselev, I. P. - Use of the ultrasonic method to prevent scale formation in steam boilers. p. 33.
 Orlovskiy, V. K. - Continuous action proportioning device for liquid components. p. 34.
 Babushkin, M. A. - Efficiency promotion in the Novosibirsk Bread Manufacturing Combine. p. 37.
 Shchegolev, A. V. - Unit for the lubrication of baking forms. p. 38.
 Tikhonova, G. P. - Ultrasonic treatment of the chocolate mass. p. 40.
 Derzh, P. D., Alekseyev, I. A. - Mechanized line for the production of figure-shaped candy. p. 41.
 Confectionery products granted a "High Quality Sign." p. 42.
 Iurii Kharantsovich Moshkov; obituary. p. 43.

ЛЕНКА ПРОМЫСЛОВИТ (LIGHT INDUSTRY). Issued by Gosplan (State Planning Committee) Dershavskoy komitetu planirovaniyu promyshlennosti pri Gosplane SSSR and Tsentrall'noye pravitel'stvo Mashino-strukturnoego obshchestva planovogo proizvodstva (State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Light Industry). Kiev, vol. 9, no. 4(4), Sep.-Oct. 1958.

- Table of contents translated:
 Kozlov, M. D. - Results of the socialist competition of light industry collective enterprises for the second quarter of 1958. p. 3.
 Dvortsov, M. I. A. - In the Ministry of Light Industry of the Ukrainian SSR. p. 4.
 Maslennikov, I. U. L. - Bulkiness of knit fabrics. p. 4.
 Orlov, V. O., Cherdashev, M. V., Burdakov, V. M. - Kinematic analysis of the related mechanism of knitting machines. p. 6.
 Zakharenko, E. H. - Equation for the calculation of drawing of a flat knitting machine. p. 8.
 Dotyarskiy, F. V. - Determining strains in looms studied by the method of photoelasticity. p. 10.
 Rodionov, V. M. - Designing a continuous framework of the surface model of a human body. p. 12.
 Gerasimov, M. A. - Dependence of the shrinkage of a knit-stitched porous fabric on some parameters of its structure. p. 14.
 Belykh, A. M., Tyranov, V. I., Malyukov, P. V. - Effect of oriented stretching on the deformational properties of rayon fiber. p. 17.
 Kravtsov, L. I., Shchegolev, I. T., Petrov, V. O. - Aging of tanning solutions during chrome tanning by the counterflow method. p. 18.
 Ponomarev, M. O. - Pathways of fur for footwear designs. p. 20.
 Kozlov, I. M., Adzhova, K. A. - Methodology of the

- analysis of possibilities for the full use of fabrics in the clothing industry. p. 22.
 Chumakov, V. D. - Experience in the scientific organization of labor at the Vasil'kov Leather Factory. p. 26.
 Il'icheva, A. I., Shchegolev, H. A. - Increasing the production of porcelain and faience products. p. 28.
 Korotkiy, V. P., Molodtsov, P. A. - Dependence of the loop structure of warp-knit fabrics in the knit-knit structure on the deformation of the loop lengths. p. 30.
 Red'ko, I. U. F., Melnikova, V. A. - Measuring of air moisture in drying machines. p. 31.
 Artyukhin, N. I., Bessonov, I. B. - Some characteristics of the technological process for the manufacture of glass-reinforced fabrics on looms. p. 33.
 Lebedev, M. P., Subbotin, V. D., Deryabin, V. D. - Dyeing of bulky braided rayon yarn. p. 34.
 Kravtsov, M. B., Ponomarev, I. A., Kharitonenko, O. O. - Use of epoxy compounds for the crease-proofing of fabrics made of cellulose fibers. p. 35.
 Bessonov, V. F., Ponomarev, I. A. - Methodology for the determination of optimum conditions for the use of automatic machinery operators. p. 37.
 Kravtsov, M. A. - Studying the method of remote control of tanning bath covers. p. 40.
 Kolytsov, I. B., Shchegolev, L. P. - Pattern attacks for double-knit fabrics. p. 44.
 Kravtsov, I. P., Trofimov, I. L., Dornova, M. I. A. - Improving the quality of ready-made clothing by staking. Centralization of finishing operations. p. 47.
 Kopylov, V. V. - Performance of double-reinforced for shoe making. p. 48.
 Kalitayev, L. B., and others. - Interlayering of tape in armholes during the sewing in of sleeves. p. 51.
 Kozlov, K. M., Ponomarev, I. B. - Production of semi-woolen knit-stitched rayon fabrics. p. 54.
 Kravtsov, I. B., Lyubimov, H. M. - Suggestions by efficiency promoters in porcelain and pottery plants of the Ukrainian SSR. p. 57.
 Bessonov, M. P., Shchegolev, T. I. A. - Developing the shape-holding property of products of the clothing industry. p. 58.

ЛЕСНОПРОМЫШЛЕННАЯ АКАДЕМИЯ. Труды (ACADEMY OF WOOD TECHNOLOGY. Transactions). No. 108, 1957. Mechanics and strength.

- Table of contents translated:
 Ter-Mikheev, L. M. - Modulus relations of the tensor of strain for anisotropic media. p. 2.
 Ter-Mikheev, L. M. - Strains in wood and rocky masses stressed by gravitational forces. p. 10.
 Gol'dberg, A. M. - Effect of a circular hole near the straight face of a half-plane. p. 14.
 Gol'dberg, A. M. - Solution of a problem for an infinite wedge loaded on a portion of a straight face. p. 22.
 Smirnov, L. V. - Flexure of a sectional girder which has a butt joint (fitting one of the composing beams). p. 41.
 Rappoport, R. M. - Equilibrium of a half-space composed of stress inhomogeneous with depth. (Three-dimensional problem). p. 48.
 Boroditskiy, A. M. - Equilibrium of a two-layer elastic half-space under the action of tangential forces uniformly distributed over a rectangular surface. p. 54.
 Boroditskiy, A. M. - Equilibrium of a two-layer transversely isotropic elastic half-space under the action of surface forces. (Three-dimensional problem). p. 61.
 L'vov, A. V. - Stressed state of thick three-layer ring-shaped and circular plates. p. 67.
 Braginskaya, N. L. - Equilibrium of a thick arc of variable cross section under arbitrary load. p. 73.
 Mikhlin, I. A. M. - Use of the method of functions of complex variables in Kirskii's problem for a curved beam. p. 80.
 Rodionov, S. E. - Shear of an infinite circular cylinder by a normal load applied to a part of its lateral surface. p. 88.

ЛЕСНОПРОМЫШЛЕННАЯ АКАДЕМИЯ. Труды (ACADEMY OF WOOD TECHNOLOGY. Transactions). Issued by Ministerstvo lesnogo khozyaystva narodnaya Rossiya (Ministry of Forestry of the U.S.S.R.) and Tsentrall'noye pravitel'stvo Mashino-strukturnoego obshchestva planovogo proizvodstva (State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R.). Moscow, vol. 8, no. 13, Dec. 1958.

- Table of contents translated:
 Technological creativity of youth on the eve of the 15th Anniversary of the All-Union Lenin Young Communist League. p. 1.
 Kravtsov, P. - Commemorative are leading. p. 3.
 Bessonov, P. - Five-year planned grain procurement quota has been exceeded in the Latvianian S.S.R. p. 3.
 Trofimov, A. - Planned capacity of the reconstructed Berdskiy Flour Mill has been reached in a short time. p. 3.
 Besson, A., Dmitriyenko, V. - Planned capacities of the Moldavian combined fodder enterprises have been reached. p. 4.

- Tartakovskiy, M. - High-speed installation of equipment by large components. p. 6.
 Bronshteyn, G. - Scientific organization of the Sovietist and Ukrainian Communist Komsomol organizations. p. 8.
 Ukolov, V. - Temperature control of seed in compartment dryers. p. 10.
 Alekseyev, V., Zhukov, V., Spiridonova, M. - Conditions and methods of heating grain in drying. p. 12.
 Likhachev, V., Golik, E. - Effect of moisture heating and cooling on the crack formation in grain. p. 13.
 Tsybulovskiy, I. U. - Separating malt from seed on pneumatic tables. p. 14.
 Rukosuev, A., Silakova, A. - Hydroscopic action of rye grain, break and stored for paramein. p. 15.
 Triviatitskiy, L. A., Golenkov, V. F. - At the Assembly of the International Society on Chemistry. p. 16.
 Disasters on storage and processing of grain. p. 17.
 Chernovskiy, M. - On the implementation of economic reform. p. 18.
 Kostikov, T. - Conditions for decreasing in the expenses of enterprises in Rostov. p. 19.
 Kopylov, V., Bulkovskiy, V. - Automation of grain dehydration process at the Moscow "Pobeda" Mill. p. 24.
 Lissar, V., Varkhishskiy, A. - Accelerating moisture determination in grain. p. 25.
 Bel'man, A. - Heated air stream in the sifting of the mill. p. 27.
 Alabin, E. - Twisting vibration of box-type hop and reduction of their amplitudes. p. 28.
 Melnikov, A. - At enterprises of the Associated Agricultural Flour Mills in the Bashkir A.S.S.R. p. 29.
 Ivanov, I. - Commemorative production sector of the Chernovskiy Grain Products Combine. p. 30.
 Gaiduk, L. A., Timofeyev, S. P., Mangel, I. - Rice processing machinery made German Democratic Republic. p. 31.

ВАРОЧНОЕ ПРОИЗВОДСТВО (WELDING). Organ of Gosudarstvennyi komitet po planirovaniyu promyshlennosti pri Gosplane SSSR and Tsentrall'noye pravitel'stvo Mashino-strukturnoego obshchestva planovogo proizvodstva (State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Welding). Moscow, no. 8(400), 1958.

- Table of contents translated:
 Mamontov, N. K., Bogdan, S. A. - Strength section joints of S. S. steel, arc-spot carbon dioxide. p. 1.
 Zhabov, M. B. - Residual deformations in weld metal structures in martensitic steel. p. 3.
 Petrov, G. L., and others. - Influence of air moisture on hydrogen content in the metal of carbon dioxide-arc welded electrodes. p. 6.
 Stetsko, F. V. - Influence of atmospheric conditions on hydrogen saturation of weld metal. p. 8.
 Babov, V. A., Duplak, V. D. - Mechanisms of layer formation in coloring steel before welding. p. 10.
 Babov, F. B. - Efficient laying out of sheet for with an intricate geometry. p. 12.
 Shchegolev, M. A., Gerasimov, M. M. - Economic incentives for the quality of welding operations the efficiency of production. p. 14.
 Maslennikov, G. A. - Automatic and semiautomatic merged-arc welding of bridge elements. p. 16.
 Babovskiy, L. L., Shchegolev, R. G. - Welded units of an aluminum job on BK-1000 cranes. p. 18.
 Kuznetsov, L. N., Garbuz, A. F., Kozlov, I. U. - Investigation and development of technological processes in construction arc welding. p. 21.
 Kuznetsov, I. P., Ostrov, D. D., Ponomarev, E. V. - Welding of transformer steels with a three-arc. p. 23.
 Shchegolev, M. K., Tsvetkov, E. L. - Influence of heat treatment on a tendency of welded joint S.S. steel to brittle failure. p. 24.
 Kozlov, V. M. - Butt welding of pipes by heat with high-frequency currents. p. 26.
 Alekseyev, A. L., and others. - Welding of cracked parts with metallized aluminum coatings. p. 28.
 Kozlov, M. V., and others. - Improving the quality of welded joints in crystallization under pressure. p. 31.
 Kozlov, G. N., Basilev, M. L. - Methods of on powder wire. p. 34.
 Derzhavskiy, M. G. - Intensity of the wear resist on electrode in the plasma arc cutting with stabilization of the arc. p. 37.
 Spector, O. Sh., Anisimovskiy, G. A., Gerasimov, I. S. - Causes of crack formation in the mouth S.S. steel. p. 38.
 Kuznetsov, B. M., Babov, M. A. - Influence of sequence of superposition of welds on the distortion and residual stresses in a jointed butt of beam columns. p. 40.
 Tikhonov, N. M., Kostikov, A. L. - Influence of the cost on the quality of welds. p. 41.
 Valov, S. A., Tikhonov, V. A., Oskobinnikov, I. - Semiautomatic welding of aluminum parts in aluminum alloys. p. 43.
 Kozlov, B. A., Brodskiy, G. M. - Masses from asbestos paste. p. 44.
 Mamontov, V. I., Tsvetkov, V. M., Brodskiy, G. M. - Modernization of semiautomatic machines for V. T. - Soviet innovations in welding techniques. p. 45.
 Kuznetsov, A. L., Tsvetkov, I. U. - Series of weld rectifiers with drooping characteristics. p. 46.

Shestakov, V. A. - Two-position semi-automatic machines for electric arc welding in carbon dioxide. p. 48.
 Shestakov, V. A., and others. - Using thermocouples as feedback transducers in the formation of welds. p. 48.
 Kabanov, M. S., Plakunov, A. V. - Some remarks on the article "Automatic Air-Arc Cutting of Metal with Rotary Disks" by A. B. Vildin. p. 41.
 Vasil'ev, K. V. - First All-Union Conference on Cutting, Welding, Hard Facing, and Metal Spraying with Compressed Air. p. 34.
 Rykova, V. V. - Meeting on problems of raising the organizational and efficiency level of welding. p. 48.
 Popovkin, M. M. - Thirteenth Scientific Technical Conference of Moscow Welders. p. 60.

TEKSTIL'NAYA PROMYSHLENNOST' (TEXTILE INDUSTRY). Organ of Ministerstvo legkoj promyshlennosti SSSR and Tekstil'noe pravleniye Nauchno-tekhnicheskogo obshchestva legkoj promyshlennosti [Ministry of Light Industry of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 13, no. 12, Dec. 1968. Table of contents translated:

Seminar for party members and economic workers of the textile industry. p. 3.
 Dezhnev, N. - Preparations for the anniversary of Lenin's birth. p. 4.
 Topic outline for 1969 of the "Textile Industry" periodical. p. 8.
 Vasyukhin, I. U. M. - Operational experience of the textile and knit goods industry in the Eastern S. S. R. p. 7.
 Bagdasaryan, B. G. - Light Industry of Azerbaijan. p. 10.
 Tikhonov, R. M. - Increasing the economic effect of payments for production funds in the textile industry. p. 12.
 Pichukov, F. M. - Experience of a collective enterprise in the increase of labor productivity. p. 14.
 Vostokov, A. V. - Built-up of planned capacities. p. 18.
 Urozhnikov, M. K. - Example of using the correlation method in economic analysis. p. 17.
 Martynova, V. P. - Developing the assortment for the textile and knit goods industry. p. 18.
 Vorobiev, V. G. - New fabrics of the Kirzhak Silk Plant. p. 21.
 Danchikova, E. S. - French fashion for the 1968-1969 winter season. p. 24.
 Gusev, V. E., Abramov, V. V. - Centrifugal method for the production of coarse twisted yarn from synthetic tow fiber. p. 26.
 Vladimirov, B. M., Molitvina, V. A., Dobrov, A. A. - Experience in the modernization of the opening and wadding machine. p. 30.
 Kabanov, L. M., Agadjanova, K. D. - Closeness of pins in combs of drawing frames for processing of synthetic yarn. p. 32.
 Tretyachenko, B. I. A., and others. - Auxiliary parts for machines of the continuous cotton-spinning line. p. 32.
 Vorobiev, G. A., Zharikova, N. K. - Experience in using new machinery at the preparation department of a weaving plant. p. 34.
 Gusev, V. E., Abramov, V. V. - Automatic AT-340 loom. p. 37.
 Pichukova, G. V., Korotkov, V. M., Solov'ev, S. A. - Ways to eliminate stripes and patterns made by threads in a knit fabric. p. 38.
 Dolashenko, M. G. - Way leading to high production. p. 38.
 The "Rizha selja" factory produces high quality products. p. 42.
 Pospelov, R. P. - Use of disk-type pattern-forming mechanisms. p. 44.
 Melnikova, Z. A., Ovcharenko, M. G. - Effect of the surface treatment of synthetic fibers on some properties of felt boots. p. 47.
 Tikhonov, V. R. - Nonwoven textile fabrics produced by wet-laid technology. p. 50.
 Danilov, I. U. L. - New unit for dyeing of yarn on bobbin. p. 52.
 Kuz'menkov, V. A. - New technology for printing of woven fabrics. p. 53.
 Ilarionov, V. I. - Elimination of woff thread misalignment in a fabric. p. 54.
 Dvortskiy, L. V., Kozlovskiy, A. R., Byrskiy, R. D. - Methods for the production of permeable folds in nonwoven fabrics. p. 54.
 Staryi, A. M. and others. - Light and weather-proofing of textile fabrics. p. 57.
 Nizovskiy, A., Resolovskiy, G. - Finishing of knitted nonwoven fabrics manufactured from cellulosic fibers. p. 58.
 Mikhailenko, V. I. - "Leo", the moisture-measuring device. p. 59.
 Ushakov, I. A. M. - Moisture measuring device for continuously moving fibers. p. 62.
 Gelfer, P. L., Ozerov, O. M. - Dispersion of electrostatic charges on textile fabrics. p. 63.
 Zhdanovich, A. I., Iakovlev, M. Z. - Devices for the qualitative evaluation of auxiliary articles and parts of textile machinery. p. 64.
 Luvshin, L. A., Hramova, E. L. - Need for the calculation of textile fabrics by dry weight. p. 71.
 Pustel, B. E. - Modern artistic finishing of fabrics. p. 74.
 Works of Professor M. A. Vasil'ev 1870-1958. p. 74.

AVTOMETRIYA [AUTOMETRY]. Issued by Sibirskoe otdeleniye Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.]. Novosibirsk, no. 4, July-Aug. 1968. Table of contents translated:

Gubarev, V. V. - Errors of direct and identification methods for measuring correlation by restricted data. p. 3.
 Kharin, I. U. L., Iakovlev, B. M. - Information scope

of statistical communications in systems of regulation and control. p. 19.
 Astaf'ev, T. R., Zverev, G. I. A. - Integral evaluation in the control of the technological state of a plant. p. 24.
 Shapovalov, A. A. - Mathematical models of three processes in circuit elements of radio measuring equipment. p. 29.
 Zakharenko, V. I., Shumakov, V. I. - Microinstrumentation in the manufacture of instruments with utilization of miniature drives and glass insulation. p. 30.
 Belov, V. M., Sobolev, G. M. - Effect of residual parameters of elements on the operation of voltage to pulse frequency converters. p. 46.
 Bortin, I. I., Furman, B. A. - Analysis of the dynamic accuracy of a "frequency to d. c. voltage" converter. p. 51.
 Bobovskiy, K. M. - Determination of the coefficients of characteristic functions of electric measuring circuits of balances. p. 59.
 Bely, V. E., Pashov, B. M., Bobovskiy, K. M. - Errors of transformer-type measuring bridges with auxiliary voltage or current transformers. p. 67.
 Skripka, I. U. A. - Computational three-terminal devices for measuring and computing operations. p. 78.
 Karandeev, K. B., Shumakov, G. A. - Measurement of correlation coefficients and correlation functions using a null method. p. 82.
 Avramov, I. A. - Errors of solving comparison dependent upon a random component of a transformed signal. p. 86.
 Martynov, M. G., Melik-Shahmurov, A. M., Shala, I. I. - Effect of the sensitivity of a threshold device on the errors of digital rectangular crossbar comparators. p. 92.
 Degtyarev, G. M. - One group of code rings for binary-decimal displacement digitizers. p. 94.
 Bolchakov, A. D. - A posteriori probabilities of emergency conditions of a controlled process. p. 106.
 Balashov, I. A. E. - Programmed nonRichardson distribution. p. 108.
 Alekshin, V. M. - Method for constructing functional voltage generators. p. 110.
 Kuz'menkov, K. L., Rostov-Zade, G. P. - Method for compensating the mechanical moment of the stretchers of the sensitive element of a galvanometer amplifier. p. 112.
 Tverdokhlebov, P. E., Umanov, G. D., Tshapko, M. P. - Interference stable differential servosystems of spatial signals. p. 116.
 Morozov, B. A. - Fourth International Congress on Measuring Equipment and Instrument Manufacture. p. 118.
 Novaya Rossiyskaya Kharchevaya obshchina. p. 122.

MECHANICAL ENGINEERING

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseyskikh dorog SSSR and Tekstil'nyy nauchno-tekhnicheskoye obshchestvo avtomobil'nogo transporta i shosseyskikh dorog [Ministry of Automotive Transport and Highways of the U. S. S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 46, no. 10, 1968. Table of contents translated:

Martynov, A. - Transportation and computing services for the population should be developed. p. 1.
 Avtomobilye i on ostannoye kolektivnoye. p. 3.
 Ilyin, M. - Progressive work means better work. p. 4.
 Komyshev, B. - Technical equipment should be constantly improved. p. 6.
 Ostrov, L. - New interrelationship with motor vehicle transportation enterprises. p. 8.
 Gerasimov, M. - Scientific organization of labor in a taxi servicing enterprise. p. 9.
 Tsvetkovskiy, I. U. - Seminar on the scientific organization of labor. p. 11.
 Let us add up the results. p. 13.
 Shapovalov, G. - Pedagogical potential of transportation costs in industrial enterprises. p. 14.
 Baev, M., Kuz'mov, G. - The subject of cooperation is a multiday route schedule. p. 16.
 Tunobov, L. - Record keeping should be mechanized. p. 18.
 Medved', P. - Primary documentation should be shortened. p. 19.
 Kozlov, M. - Specialized tractor-trailers at construction projects in the Urals. p. 23.
 Markin, A., Babitskiy, B. - Organization of transportation of construction materials. p. 23.
 Kuz'menkov, M., Sosenskii, B. - Unusual potential should be better utilized. p. 24.
 Kharin, V., Pavlov, M. - Stabilizing device for skidless paved slipstreams of brick and stone. p. 26.
 Gerasimov, V. - Atlas express buses. p. 27.
 VT-2000 register machine. p. 27.
 Kozlov, K. - Member of workers at servicing stations. p. 31.
 Gubarev, A. - Garage equipment should be more utilized. p. 30.
 Ploshch, V., Solov'ev, L. - Technical servicing on a conveyor. p. 31.
 Koshchik, A. and others - Motor vehicle painting shop. p. 33.

B 14/1-10g
 Zharinov, A., Ushakov, V. - Stands of an assembly line for rear assemblies. p. 34.
 Tokarev, V., Kholodovskiy, V. - Equipment for dismantling hydraulic jacks. p. 38.
 Obednikov, A. - A device for setting gaps in a contact breaker. p. 37.
 Kuz'min, N. - Modernization of the electrical equipment in ZIL-130 motor vehicle. p. 38.
 G-250 no generator. p. 40.
 Mikhailovskiy, I. - Experience of operating transistorized ignition systems. p. 42.
 Chukovskiy, V., Tondilov, B. - Public-at-large and traffic safety. p. 44.
 Kikitskiy, A. - Standard design should provide a traffic safety study room. p. 44.
 Urozhnikov, A., Gusev, G. - Dynamometer steering wheel. p. 47.
 Tsvetkov, L. - New stands on instruction procedure and raising qualifications of motor vehicle drivers. p. 48.
 Koshchik, A. - Device for increasing cross-country qualities of a motor vehicle. p. 51.
 Garage and repair equipment at the Exhibition of Achievements of National Economy of the U. S. S. R. p. 53.
 At the board meeting of the Ministry. p. 54.
 Lenev, I., Koshchikov, V. - Central Scientific and Research Institute for Automobiles and Automobile Engines. p. 55.
 Kadykov, N. - Exhibition of creative work of young people. p. 57.
 Children's automobile race track in the Moscow area. p. 58.
 Awards to the best. p. 58.
 Bokanov, V. - Carburetors of forced combustion engines. p. 59.
 New developments in foreign technology. p. 61.

GEODEZIYA I KARTOGRAFIYA [GEODESY AND CARTOGRAPHY]. Organ of Gosplan upravleniya geodesii i kartografiy Gosudarstvennogo geologicheskogo komiteta SSSR [State Administration of Geodesy and Cartography of the State Geological Committee of the U. S. S. R.]. Moscow, no. 8, May 1968. Table of contents translated:

Gubarev, V. V. - Errors of direct and identification methods for measuring correlation by restricted data. p. 3.
 Kharin, I. U. L., Iakovlev, B. M. - Information scope of statistical communications in systems of regulation and control. p. 19.
 Astaf'ev, T. R., Zverev, G. I. A. - Integral evaluation in the control of the technological state of a plant. p. 24.
 Shapovalov, A. A. - Mathematical models of three processes in circuit elements of radio measuring equipment. p. 29.
 Zakharenko, V. I., Shumakov, V. I. - Microinstrumentation in the manufacture of instruments with utilization of miniature drives and glass insulation. p. 30.
 Belov, V. M., Sobolev, G. M. - Effect of residual parameters of elements on the operation of voltage to pulse frequency converters. p. 46.
 Bortin, I. I., Furman, B. A. - Analysis of the dynamic accuracy of a "frequency to d. c. voltage" converter. p. 51.
 Bobovskiy, K. M. - Determination of the coefficients of characteristic functions of electric measuring circuits of balances. p. 59.
 Bely, V. E., Pashov, B. M., Bobovskiy, K. M. - Errors of transformer-type measuring bridges with auxiliary voltage or current transformers. p. 67.
 Skripka, I. U. A. - Computational three-terminal devices for measuring and computing operations. p. 78.
 Karandeev, K. B., Shumakov, G. A. - Measurement of correlation coefficients and correlation functions using a null method. p. 82.
 Avramov, I. A. - Errors of solving comparison dependent upon a random component of a transformed signal. p. 86.
 Martynov, M. G., Melik-Shahmurov, A. M., Shala, I. I. - Effect of the sensitivity of a threshold device on the errors of digital rectangular crossbar comparators. p. 92.
 Degtyarev, G. M. - One group of code rings for binary-decimal displacement digitizers. p. 94.
 Bolchakov, A. D. - A posteriori probabilities of emergency conditions of a controlled process. p. 106.
 Balashov, I. A. E. - Programmed nonRichardson distribution. p. 108.
 Alekshin, V. M. - Method for constructing functional voltage generators. p. 110.
 Kuz'menkov, K. L., Rostov-Zade, G. P. - Method for compensating the mechanical moment of the stretchers of the sensitive element of a galvanometer amplifier. p. 112.
 Tverdokhlebov, P. E., Umanov, G. D., Tshapko, M. P. - Interference stable differential servosystems of spatial signals. p. 116.
 Morozov, B. A. - Fourth International Congress on Measuring Equipment and Instrument Manufacture. p. 118.
 Novaya Rossiyskaya Kharchevaya obshchina. p. 122.

- Kol'chenko, A. V., Ostrozhuk, E. P. - Measuring contact pressure in elast-rigid couplings. p.178.
 Ostrozhuk, V. A. - Selecting parameters of vibration percussion units for demolishing terraces in open-pit mines. p.184.
 Yashin, I. A. - Investigating the stability motion of a vibration transport system. p.183.
 Kondra, A. E. - Investigating soil stickiness and suggestions for its elimination. p.204.
 Luk, L. A. - Mathematical modeling of a machine yard servicing by a mobile workshop. p.22.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Mashino-budchestevo obshchestvo mashinostroitel'noi promyshlennosti [Soviet Machine-Building Society of the Machinery Manufacturing Industry]. Moscow, no. 10, Oct. 1968.

- Table of contents translated:
 In Lenin's path. p.1.
 Pozdnyakov, L. N., Agayev, L. V. - Scientific organization of labor in heavy machinery construction. p.2.
 Zorochkin, A. A. - Social problems of engineering and technical work. p.4.
 Gnedil, V. I. - Patent engineer. p.8.
 Zaslavskii, A. S. - Maintaining the operating reliability of automatic lines. p.9.
 Anisimovskii, M. A. - Card index for the manager. p.11.
 Fedotkin, M., Karolovskii, K. - Benchmark-conferences on exchange of working experience. p.12.
 Kravtsov, V. P., Tarasov, M. A., Ereter, N. M. - Attachment for sharpening milling cutters. p.15.
 Didenko, V. P. - Attachment for drawing graduation lines. p.16.
 Shchegolev, K. I. - Primary organization of the Scientific-Technical Society of the Institute. p.18.
 Parshovskii, E. L. - Automation in marking. p.19.
 Miller, I. P., Egorov, N. D. - Resolving and stacking mechanisms for a shearing press. p.20.
 Bakul, V. N., Baragda, A. A., Orlov, A. A. - Particularities of diamond-strengthened coatings. p.21.
 Shapovalov, B. G., Oskolkov, A. L. - Friction roller rollers. p.22.
 Mishchenkov, A. S., Panteleev, V. A. - Innovations of the Soviet machine-tool construction specialists. p.23.
 Chernyshev, P. G. - Cutting multiple screw threads. p.24.
 Pajet, L. A., and others. - Methods for a dynamic balancing of machinery during assembly. p.25.
 This can be adopted in your enterprise. p.26.
 Melnyar, K. V. - Wet dust collectors. p.28.
 Gashin, F. A. - Three-turn vice. p.29.
 Medvedev, L. D. - Anti-friction bearings. p.30.
 Murasov, A. Sh., Karyshev, I. L., Shchegolev, V. K. - Measuring tubular machine parts. p.31.
 Likhachev, V. A. - Increasing the efficiency of equipment repair. p.32.
 Kharin, A. L. - System of preventive maintenance and current equipment repair. p.33.
 Kozlov, I. U. - Equipment for centralized manufacturing. p.34.
 Orlovskii, G. N. - Universal dividing head. p.36.
 Shcherba, N. - New standards. p.37.
 Shchegolev, M. D. - Interlytograph-68. p.38.
 Plavnik, M. L. - Device for opening cans. p.41.
 Antropov, A. V. - New tools for boring holes. p.42.
 Obodovskii, B. A., and others. - Universal assemble-able freight lifting systems. p.43.
 Shul'zhenko, P. A., and others. - New packing for cutting tools. p.44.
 Hudov, L. G., Kalyagin, P. E. - New design of chucks. p.44.

**MEKHANIZATSIYA I AVTOMATIZATSIYA PROIZVO-
 DSTVA [MECHANIZATION AND AUTOMATION OF
 PRODUCTION].** Organ of Gosudarstvennyi komitet po
 mekhanizatsii i avtomatizatsii [State Committee
 for Machinery Mechanization, Attached to the State
 Planning Committee of the U. S. S. R.]. Moscow,
 vol. 22, no. 8, 1968.

- Table of contents translated:
 Belousov, E. A. - Mechanization and automation of
 ring packing. p.1.
 Evdokimov, V. V., Pochinov, V. M. - Mechanization of
 transfer of viscous masses. p.3.
 Zorochkin, V. K., Shchegolev, I. A. - Mechanization of
 production of complicated plastic articles. p.8.
 Shchegolev, M. M. - Mechanization of blanking at
 white rolling points. p.7.
 Kravtsov, M. M., Sukhov, G. V. - Mechanization of
 transportation of yarn and fabric. p.9.
 Ostrov, V. K. - Semi-automatic device for frame
 bending. p.11.
 Spivak, F. I., Kristoforovskii, V. I., Iankovskii, L. B. -
 Feeder for a high-pressure pneumatic transporta-
 tion system. p.12.
 Tsvetkov, L. I. - Calculating the adjustment of governors
 in continuous-action batch scales. p.13.
 Kravtsov, A. F., Kufchinskii, V. A. - Automatic
 warning, signaling the stoppage of a rolling mill.
 p.14.
 Tsvetkov, M. B. - Improvement of speed charac-
 teristics of hydraulic servomechanisms. p.14.
 Belykh, R. P. - Methods and circuits for increased
 reliability of automatic reversible current units.
 p.20.
 Belokobyl'skii, A. A. - Magnetic recording for control
 and safety apparatus of multibeam hotelling
 machines. p.22.
 Gorodetskii, A. I., Maslovskii, A. G., Klyuz, E. G. -

- Improving the reliability of switching circuits in
 automation. p.23.
 Alekseyev, V. N., Pashin, A. V., Tishchenko, V. P. -
 Noncontact position control transducer of mecha-
 nisms with a 100 mm working gap. p.24.
 Bogis, V. E., and others. - Thyristor regulator of
 the productivity of electromagnetic vibrational
 feeders. p.27.
 Abkhilov, A. A., and others. - Noncontact liquid flow
 signaling device. p.28.
 Kuznetsov, A. P., Trofimenko, I. P. - Amplifier-
 sensitive voltage relay with pulse-interference
 protection. p.30.
 Fridman, B. P. - Noncontact classifier. p.31.
 Popov, A. L. - Electromagnetic frequency converter
 for automatic hotelling installations. p.32.
 There are up-to-date instruments on the stands. p.33.
 Kuznetsov, A. L. - Electrophysical and electrochemi-
 cal methods of machining. p.37.
 Moisey, V. M., Mikhlin, V. F., Raptov, I. A. - Efficiency
 in operations of enterprises under new economic
 conditions. p.39.
 Prokofiev, I. I., Semenov, S. N., Efimov, A. N. -
 Analysis of the economic efficiency at enterprises
 of Saratov Province. p.41.
 Kuznetsov, A. A., and others. - Using electronic
 digital computers in ore averaging at open-pit
 mines. p.42.
 Mikhlin, V. F. - Automation of grinding machine tools.
 p.44.
 Edis, L. S. - Effectiveness in using computers at
 heat and electric power plants. p.48.
 At the Ministry of Machine-tool and Cutting-tool
 Industry. p.49.
 Transfer lines. p.50.
 Liberman, V. B. - Generalizing the experience of
 designing and introducing information systems of
 enterprises control. p.54.
 Kravtsov, B. P. - Foundations of the theory of auto-
 matic control. p.54.

**МОСКОВ. ВЕДОМОСТИ МАШИНО-ИНЖЕНЕРОВАТЕ-
 ЛЕСКОГО ИНСТИТУТА ИХИЛЕНОДОРОЖНОГО ТРАНСПОРТА.**
 Труды [A Leningrad Scientific Research
 Institute of Railroad Transportation.
 Transactions]. No. 244, 1967.
 Contents: Churikhin, M. S., and others. [Accelerated
 methods of controlling the quality of petroleum
 products]. Otkrytye metody kontrolya kachestva
 nefteproduktov. 71 p.

No. 244, 1968. Improving labor conditions in the railroad
 transportation industry.

- Table of contents translated:
 Kuznetsov, A. A. - Ventilator for vacuum cleaner
 installations. p.4.
 Kuznetsov, A. A. - Loss of pressure at T-joint
 mergers of streams. p.12.
 Kuznetsov, A. A. - Further modernization of slotted
 vacuum cleaner nozzles. p.17.
 Shchegolev, I. S. - Investigating some aerodynamic
 problems of the interaction between a grating fur-
 shaped jet and a deflating counter current. p.20.
 Cherenkov, M. G. - Railroad station lighting. p.27.
 Levitskii, A. I. - Analyzing the causes of and pre-
 ventive measures against serious occupational
 injuries in the railroad transportation field. p.27.
 Radtsig, A. P., Shchegolev, P. A., Khol'shchov, V. M. -
 Designing thermal clothing for railroad workers
 taking into account body energy output and climatic
 conditions. p.32.
 Radtsig, A. P. - Hygienic determination of the
 amount of air pumped into passenger cars under
 conditions of high temperatures and gas polluted
 media. p.184.

No. 264, 1968. Investigations of the designs and perfor-
 mance of continuous rail tracks.

- Table of contents translated:
 Bronsberg, E. M., Krasov, M. B. - Continuous rail
 track on curves. p.2.
 Chirkov, M. S. - Experimental investigation of the
 stability of a continuous rail track during repair
 work. p.11.
 Chirkov, M. S. - Calculating the stability of a contin-
 uous rail track during its raising by jacks. p.54.
 Krasov, M. B. - Stability of a continuous rail track
 in the case of an equalizing sector. p.77.
 Bronsberg, E. M. - Stability of a continuous rail
 track over adhesive ballast. p.98.
 Krasov, M. B. - Special features of temperature condi-
 tions in the equalizing sector of a continuous rail
 track. p.116.

No. 287, 1968.

Contents: [Protection of semiconductor rectifiers
 of electric railroad rolling stock against overloads
 and overtemperatures]. Zashchita poluprovodnikovykh
 vypryamitel'nykh elektropriborov protiv peregruzok
 i peregreva. Pod. red. V. D. Radtsig. 131 p.

No. 288, 1968.

Contents: Shcherba, V. V. [Transportation of long
 loads on coupled cars]. Perovskaya dlinnosostnykh
 grezov na skopkakh vagonov. 160 p.

**ОПТИКО-МЕХАНИЧЕСКАЯ ПРОМЫШЛЕННОСТЬ
 [OPTICAL INSTRUMENTS INDUSTRY].** Organ of
 Gosudarstvennyi opticheskii komitet [State Com-
 mittee for Optics]. Leningrad, no. 8, Jan. 1969.

Table of contents translated:

- Parkov, D. T. - Methods for adjusting automatic
 limitation systems to control errors in the
 cal surfaces of revolution. p.1.
 Maivert, A. V. - Calculating performance of
 for multibeam regenerative laser systems. p.5.
 Anan'ev, I. U. A., Kalinin, V. P., and others. -
 Parallel coupling of pulsed resonators. p.11.
 Kuznetsov, A. S., and others. - (a) Calculating the
 direction finding characteristics of an optical
 tronic gonimeter system. p.14.
 Aifirovskii, A. A., Gerling, V. N., and others. -
 Method for removing the charge of a photocon-
 ductive specimen in X-ray microscopy. p.17.
 Saltikov, D. K. - Characterization of the spectrum
 of radiation through a fiber optical cable. p.21.
 Blaga, I. U. A. - Effect of spectral line broadening
 measuring accuracy. p.24.
 Smolkin, M. N., Gilevich, I. G., Zakharenko, S. I.,
 and others. - Integral power and visual characteris-
 tics of DMR-1000B and DMR-8000 series photo-
 meters. p.28.
 Kuznetsov, K. A. - Particularities of optical
 braking devices of control photomicroscopes. p.32.
 Khar'kovskii, A. N., and others. - Micro-
 interference microprofilometer. p.37.
 Podolskii, E. V., Zakharenko, S. I., and others. -
 Changes in glass of a light microscope
 silicate system during etching. p.41.
 Vovodskii, A. S., and others. - Photoresist
 of microstructuring glass photolithography with
 chrome coatings. p.48.
 Vronskii, L. A., Sussel, A. M., and others. -
 Improving the reliability of modern electronic
 training equipment on the computer. p.53.
 New standards, norms and packing instructions for
 optical machine industry. p.57.
 Tsvetkov, L. S. - Production level of 1968-1969
 year of solids. p.58.
 Kuznetsov, M. S. - Some peculiarities of optical
 parts with apertures. p.63.

Vol. 35, no. 9, Sep. 1968.

Table of contents translated:

- Optimization of contrast optical filters. p.1.
 Saltikov, D. K. - Spectral characteristics of
 equal radiation components in fiber optic systems.
 p.2.
 Saltikov, D. K. - Studying the running characteristics
 frequency-contrast characteristics of a
 graphic converter. p.5.
 Litvinov, L. N., Shcherba, M. A. - Changes in
 in glass containing terbium oxide. p.11.
 Davydov, V. D., Markin, V. A. - Spectral
 of narrow-band photoresistor - amplifiers
 with feedback stabilization. p.14.
 Orlov, B. I. - Calculating the potential of
 optical systems with diaphragms. p.18.
 Kuznetsov, I. U. P., Kuznetsov, A. A., and others. -
 Twin-wave high-precision optical systems.
 p.24.
 Anan'ev, I. U. A., and others. - A high-precision
 aerodynamic-glass laser. p.28.
 Parkov, D. T., Kuznetsov, V. N. - High-precision
 tube amplifier for cooled semiconductor laser
 systems. p.30.
 Pokushin, V. N. - Glass for fiber optics. p.38.
 Dolgopis, V. B., Radtsig, M. K. - Spectral
 and low-temperature properties of
 quality of optical parts. p.39.
 Radtsig, L. V. - New materials for micro-
 optical parts. p.41.
 Kuznetsov, M. K., Churikhin, M. S. - Particularities
 vibrations of a high-speed small-size
 and the photographic recording method. p.47.
 Fomina, Sh. A. - Modern dielectric structures -
 interference filters. p.60.
 Arshakov, A. P. - Technological conference
 in the optomechanical industry. p.63.
 Toporov, A. S. - Efficiency of reflection
 p.66.
 Sergei Mikhailovich Nikolayev on his 70th birthday.
 p.67.

ПРИБОРОСТРОЕНИЕ [INSTRUMENT MANUFACTURE]

Organ of Gosudarstvennyi komitet po priborostroyeni-
 yu [State Committee for Instrument Manufacture].
 Gosplan USSR and Tsentr'noye pravleniye
 tekhnicheskogo obshchestva priborostroyeniya
 myshlennosti [State Committee for Instrument Manu-
 facture, Means of Automation, and Control
 Attached to the State Planning Committee and
 U. S. S. R., and the Central Administration of
 Machine and Technological Society of the Machine
 Industry]. Moscow, no. 8, 12, Aug., Dec. 1968.

PRILADNAIA MEKHANIKA [APPLIED MECHANICS]
Issued by Odesk'skii nauchnyi tsentr i kibernetiki Akademi nauk Ukrain'skoi SSR [Department of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.] Kiev, vol. 4, no. 11, 1968.

- Table of contents translated:
Prasakov A. P. - Finite stresses of elastic three-layered shells at high temperatures. p. 1.
Prasakovskii, I. M. - Elastic stability of multilayer orthotropic conical shells. p. 9.
Burg, I. A., Levin, G. A., Efrik, I. A. - Stability of thin cylindrical shells. p. 17.
Vorot'eva, E. M. - Orthogonality of natural vibration modes for shells within the engineering moment theory. p. 23.
Olgorenko, I. A., Bodavtsova, G. K., Shishov, A. I. - Use of an electronic digital computer in solving problems involving the asymptotical strained state of systems of shells of revolution. p. 29.
Akhie, L. A. - Variational principles for dynamic problems in nonlinear elasticity theory. p. 35.
Gus', A. M., Tsurup, I. A. - Solution of two-dimensional physically nonlinear problems in elasticity theory for multiply connected regions. p. 41.
Vajner, K. G., Rukhovich, I. V. - Use of difference methods of numerical integration in constructing regions of stability. p. 49.
Kupin, I. I. - Vibrations of cylindrical shells, allowance made for contour deformations. p. 57.
Bender, M. G. - Stability and vibrations of nonelastic beams in a magnetic field. p. 65.
Chernov, M. L., Raditsky, D. D. - Elastoplastic deformations of thin-walled rods under movable loads. p. 73.
Lofes, B. D. - Proper motion and critical parameters of elastic rods under nonconservative load. p. 85.
Khammetdi, A. A. - Kinetics of crack propagation in polymer materials. p. 87.
Dokshovich, A. I. - Integrable cases for the problem of motion of a heavy solid body about a fixed point. p. 91.
Rifshovich, E. M. - Theory of oscillations of elastic bodies involving thermoelastic effects. p. 101.
Kushnerev, A. K. - Study of the type of time dependence of a force arising in the dynamic compression of a cylindrical specimen. p. 107.
Aleksandrov, V. P., Gurnatov, V. D., Sholokha, O. B. - Use of an explosion pulse to excite the frequency spectrum of structures. p. 114.
Kozlov, V. T. - Twisting stresses in shaped wires of cables of closed and semi-closed structures. p. 118.
Berkov, V. A., Karasik, V. A. - Anisotropic stresses in cylindrical shells reinforced by longitudinal ribs. p. 126.
Mikryukov, A. A., Kirichenko, M. P. - Comments on M. G. Chetaev's theory of the stability of steady motion within a given time interval. p. 130.
Bergert, S. T., Skalski, V. K. - Sixth scientific and technical seminar on problems of strength, reliability, and durability of steel cables, held in Odessa on 12-16 May, 1968. p. 134.
Shvachko, I. I. M. - Sixth scientific conference on thermal stresses in construction elements. p. 137.
Aleksandr Mikhailovich Par'kov; obituary. p. 140.

REFERATIVNYI KHURNAL: AVTOMOBIL'NYI GOROD-SKOE TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOBILE AND CITY TRANSPORTATION] Issued by Vsesoyuznyi nauchnyi i tekhnicheskii informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 11, Nov. 1968.

REFERATIVNYI KHURNAL: KOMMUNAL'NOE, BYTOVOE I TORGOVYE OBORUDOVANIE (Doklady vy-pusk 11) [JOURNAL OF ABSTRACTS: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT (Reports Issue 11)] Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 11, Dec. 1968.

REFERATIVNYI KHURNAL: PROMYSLLEN'NYI TRANSPORT [JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION] Issued by Vsesoyuznyi nauchnyi i tekhnicheskii informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 11, Nov. 1968.

REFERATIVNYI KHURNAL: KHELIKHOZHOBOKHEN'NYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION] Issued by Vsesoyuznyi nauchnyi i tekhnicheskii informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 11, Nov. 1968.

BORTOV-ON-DON INSTITUT INZHNEROV ZHELEZNODOZHNOGO TRANSPORTA. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 59, 1967.

- Electrical systems, their design and use.
Table of contents translated:
Papko, V. V. - Calculating transient processes in a circuit with power transformers. p. 5.

- Papko, V. V., Gertsyk, I. R. - Hydrodynamic investigations of power transformers. p. 11.
Safir, L. V. - Spatial nets. p. 21.
Dolgovskii, B. S. - Optimal parameters of a traction substation filter when increasing the voltage to 6.4 kv. p. 27.
Dolgovskii, B. S. - Determining short-circuit coefficients for physical modeling of electric reactors. p. 32.
Korday, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of a single cycle additional load. p. 43.
Korday, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of zero sequence filters. p. 48.
Korday, O. L. - Measuring average temperatures of windings of single phase electric machines by means of a single cycle additional load and a divided capacitance. p. 53.
Papko, V. V., Popovskii, V. V. - Contact devices of power transformers. p. 60.
Popovskii, V. V. - Investigation of contact devices of power transformers. p. 73.
Gurkachi, M. P. - Special features of electrodynamic forces in the windings of small reactors. p. 78.
Dorogovskii, M. P. - Calculation of circuits with alternating parameters by means of successive intervals. p. 83.
Dorogovskii, M. P., Kravtseva, M. L. - Designing a circuit with a capacitor reactor by means of the successive interval method. p. 87.
Dolgovskii, V. A. - Parameter devices in railroad automation. p. 91.
Dolgovskii, V. A. - Automatic block system using parameter devices with a 90-degree phase difference in signals of adjacent block sections. p. 97.

No. 63, 1967.

Contents: [Lengthening the life of rails and wheels] Povysheniya proka shchity rail'ov i kolos. Pod. Fed. V. A. Khlebn. 171 p.

No. 71, 1967. Electronic relay and measuring devices for the railroad transportation industry.

- Table of contents translated:
Figurow, M. P. - Theory of semiconductor time relays with cumulative capacitance. p. 4.
Figurow, M. P. - Minimizing the errors of indicator systems showing locations of damage in traction a.c. overhead networks. p. 20.
Figurow, M. P. - Transistorized networks for voltage comparison. p. 44.
Polubinski, M. W. - Semiconductor current relays. p. 50.
Boshev, A. S. - Inductive-capacitive converters for transistor relays. p. 54.
Boshev, A. S. - Use of transistors for pretesting current transformers against idling operation. p. 60.
Figurow, M. P. - Effect of a load of an electric locomotive with static converters on the relay protection of transmission lines. p. 63.
Kobarkin, A. V. - Graphical-analytical method for determining a non-combustion pulse in an a.c. electric locomotive. p. 88.
Figurow, M. P., Kobarkin, A. V., Kishko, V. P. - Oscillographic representation of transient processes in VLSO electric locomotives during short circuits in the overhead contact network. p. 94.
Krushchik, V. P. - Protecting supports on an overhead contact network against electrocorrosion. p. 98.
Rybkov, A. L. - Determining regeneration currents in systems with boosters on the transmission lines of a.c. traction substations. p. 99.

RUSSKA (1963- U.S.S.R.) Khimicheskoe vyznaghe [Chemical Engineering Abstracts]. Issued in English and Russian by the American Chemical Society, Division of Chemical Engineering, 1155 Rockwood Drive, New York, N.Y. 10020.

- Table of contents translated:
Bodribin, I. K. - Plotting the lines of intersection of elliptic paraboloids with some second-order surfaces of general type. p. 1.
Mullachov, A. A. - Study of mechanisms with two connected pistons. p. 10.
Pleschakov, I. D. - Dynamics of jamming in a free-running roller mechanism. p. 14.
Khramovskii, V. A. - Analytical investigation of properties of jointly operating surfaces of helical grooves of ball screw and nut. p. 24.
Belosereva, T. V. - Investigating the undercut and strength of reducing gears with planetary meshing transmission according to MN 4044-63 specifications. p. 32.
Mikheev, V. V., Chernikov, S. M. - Experimental transmission of a concentrated moment to a spherical shell through a rigid circular flange. p. 36.
Trefimov, V. V. - Stability of a cylindrical shell under exterior pressure varying along its length. p. 38.
Krasov, V. V. - Stability of a variable thickness cylindrical shell under a local load. p. 48.
Balkov, R. A. - Effect of lowered temperatures on the strength of fastening screws. p. 49.
Balkov, R. A. - Frictional natural vibrations in systems with a finite number of degrees of freedom. p. 64.
Guslov, V. I. - Error characteristics of the system engine-variable speed drive-working machine. p. 68.
Bashetov, D. M., Urinbasov, M. F. - Investigating the effect of defect nonuniformity on static strength of gear wheels operating at low temperatures (down to minus 60° C). p. 83.

B 184

- Konakhtin, I. R., Mitroshinov, B. P., Makhov, V. L. - Elastic preliminary shift during a proportional variation of compressing and shearing forces. p. 66.
Darschik, V. P. - Studying the fatigue strength of motorcycle chains. p. 78.
Kilashkin, M. L. - Calculating power pipes in internal combustion engines. p. 73.
Groz, V. F., Gurevitski-Gordon, A. I., Sharapov, I. M. - Experimental determination of stresses in frames of cable-twisting machines. p. 89.
Makoshin, V. M., Nguyen Van Khung. - Critical values of certain loads during loss of stability of the plane-shaped flange in the beams. p. 93.
Chichay, V. F., Shestov, M. G. - Effect of concentrated forces on a thin-walled spherical shell through a bulkhead frame. p. 91.
Mikritunov, E. A. - Calculating the compression coefficient of throttling weathers with a small diameter orifice installed at the end of a pipeline. p. 103.
Korolev, V. A. - Hydraulic characteristics of certain types of safety valves. p. 107.
Botay, D. A., Karanov, A. N. - Experimental investigation of inlet chambers of hydraulic turbines. p. 111.
Gavrilenko, M. A., Pashkin, A. E. - Method of determining the interior characteristics of a torque converter on the basis of its external characteristics. p. 118.
Zakharov, I. U., Rassokorov, L. A. - Analytical and experimental investigation of dynamic processes in an electromechanical transducer. p. 121.
Kashev, G. M., Korshagin, V. A. - Problems of the nonuniformity of the charge temperature in an evaporating fuel tongue. p. 127.
Lyschinski, A. S., Vailin, I. U. - Effect of volumes in a pressure fuel line on cylinder feed. p. 130.
Leonov, O. B., Maslov, M. N. - "Highly" of run of internal combustion engines. p. 132.
Arkharov, A. M. - Temperature variation of the working body in a generalized cycle of a volumetric type expanding machine. p. 144.
Dorobov, D. F., Makhov, V. L., Novikov, V. P. - Thermal stability of diphenyl. p. 150.
Prolov, M. S., Leonov, I. B. - Role of evaporation and the degree of pressure increase by a turbine molecular vacuum pump turbine. p. 154.
Peshkov, S. I., Smolov, G. A. - Experimental investigation of loading of machine parts used in the steering system front-wheel drive motor vehicles. p. 158.
Demokritov, V. M. - Synthesis of optimum crane trusses under observation of strength. p. 163.
Orlovskii, M. B., Belikov, A. I. - Effect of sulfur on antifreeze properties of automobile coolants. p. 168.
Pashkov, V. M. - Studying the effect of different factors on specific stresses and deformations of guide tail spindles in a power pump. p. 172.
Umanov, P. S., Doroshov, V. G. - Investigating free grinding parameters of surfaces of complex profiles. p. 178.
Makarov, E. S. - Upper limits of specific stresses occurring during the extrusion of a strip with a nonuniform plasticity in thickness. p. 183.
Bogdanov, V. M., Vereshchagin, A. V. - Calculation of residual stresses in circular welds in plates. p. 188.
Kharin, L. A., Basov, K. I., Karpov, M. V. - Unit for measuring shrinkage in individual sections of a casting during cooling in the mold. p. 194.
Gavrilov, P. I. - Effect of cast iron graphitization on the shrinkage of weld during cooling in acetylene and natural gas welding. p. 197.
Meyner, A. D. - Limits of plastic deformation in a cylindrical shell with a variable thickness wall in hydrostatic pressure tension. p. 201.

No. 7, 1968.

- Table of contents translated:
Mikrov, P. G. - A three-dimensional shell work. p. 5.
Pleschakov, I. D. - Determining the jamming time of a free-running roller mechanism. p. 9.
Kashtina, V. S. - Prediction of straight-tooth bevel gears with point contact. p. 12.
Guslov, V. I. - Synthesis of a mechanical system with a variable according to a preset motion of a known link. p. 17.
Khramovskii, V. A. - Relative axial shift of surfaces of helical grooves of a ball screw and nut. p. 20.
Kozov, A. I., Bulikova, M. A. - Compression of a solid cylinder with fixed ends. p. 24.
Telarikov, A. E., Tarasov, I. I. - Unilateral polariscope of a cantilever type for the study of stresses by the method of photoelastic coatings. p. 32.
Nguyen van Khung. - Using an improved power method in studying the stability of a plane shape of a strip flexure. p. 34.
Trofimov, V. V. - Stability of a cylindrical shell under a radial pressure alternating along its length. p. 43.
Vereshchagin, A. M. - Calculation of critical rpm curves of a flexible shaft with nonlinear bearings. p. 48.
Artemov, M. A. - Calculating the pliability of elastic bearings in turbine engines. p. 66.
Berkov, I. V. - Structural disturbances in linear systems with a finite number of degrees of freedom. p. 64.
Doroshin, D. A. - Dynamic deformations of anisotropic cylindrical shells loaded in the direction of the cylinder axis. p. 69.

- Perevoshchikov, S. M., Kornilova, T. M., Rakhmanov, E. L. - Studying the damping properties of multiple-mode frictional vibration dampers. p. 64.
- Tsvetkov, A. L. - Experimental investigation of sliding bearings with floating elements. p. 67.
- Investigating the flexural (static and fatigue) strength of teeth in gear wheels and their susceptibility to plastic deformation at low temperatures (down to minus 60° C). p. 70.
- Usakov, V. S., Tarasov, V. L., Astashev, L. L. - Effect of elasticity of the striking lever of the STB boom on the shackle speed. p. 75.
- Orlin, A. S., Zarembo, V. G. - Studying the gas flow through an annular gap of high-speed internal combustion engines. p. 80.
- Porofanov, R. G. - Calculating the pressure in the collision of drops against a plane. p. 84.
- Plastina, P. I., Orlov, V. P. - Studying the bypass process in piston vacuum pumps. p. 90.
- Lavrov, I. U., Pylov, B. A., Gailarov, G. A. - Torque distribution along the axis of multiple-drive motor vehicles with hydraulic positive displacement transmission. p. 94.
- Konstantinov, M. T., Solov'ev, V. K., Prudnikov, A. N. - Possibility of a compensated estimate of the effect of the shape of a controlling throttle valve on the magnitude of a hydrodynamic torque. p. 101.
- Logov, L. M., Logov, I. L. - Model of "KBL-8" crank-piston compressor. p. 104.
- Rodionov, A. Kh., Strumskov, B. P. - Approximation method for calculating electric characteristics of an electric discharge pump. p. 109.
- Melnyuk, A. P. - Studying the vacuum holding device without a packing ring. p. 113.
- Budov, A. D. - Methodology of determining heat inflows in flasks. p. 116.
- Borkin, D. F., and others. - Effect of residual moments on the temperature field in a plate subjected to gas blow with internal heat sources. p. 123.
- Shul'f, A. A., and others. - Investigating combined front devices in angular combustion chambers. p. 131.
- Pavlov, O. M. - Design of aerodynamic angular intakes for small-size multistage axial compressors. p. 134.
- Pavlov, S. A., Grishin, D. K., Lazarev, V. M. - High-frequency vibrations induced by friction in the drives of cone crushers. p. 134.
- Klimova, E. V. - Synthesis of a double-crank mechanism in a vibratory conveyor. p. 141.
- Tarakanov, L. B., Ufimtseva, M. V. - Strain-aging of OXALON steel after a low degree of plastic deformation. p. 146.
- Klimov, M. K., Larina, V. G., Sharapov, A. A. - Studying the effect of main parameters of LAG-1 thread-cutting semi-automatic lathe on its efficiency. p. 153.
- Zhurov, L. I., Shcherbinin, V. V., Moroz, V. M. - Selecting parameters for a pump flywheel drive of a hydraulic press. p. 154.
- Strunov, G. V., Khromov, D. M. - Unmet potential for improving the stability of dies for hot forming. p. 161.
- Sokolov, L. N. - Some methods for improving the efficiency of free forging. p. 166.
- Prokopenko, V. I. - Results of experimental punching of finished parts from sheet metal. p. 168.
- Khromov, I. I., and others. - Castings made from available cast iron by utilizing cast iron in the cupola charge. p. 171.
- Bukov, K. L., Karpov, M. V. - Effect of deformation concentration on hot cracking of thin-walled large-size steel castings. p. 174.
- Begayevich, V. M. - Removal of deformations in inter-milled welds by rolling. p. 179.
- Rogov, A. P. - Calculating aaseability in automatic assembly by applying a circular motion of the conveying trough. p. 184.
- RUSSIA (1953 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Vsesoyuznaya vysshaya shkola inzhenerov i tekhnicheskikh nauchnykh rabotnikov (Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture).** Moscow, vol. II, no. II, 1954.
- Table of contents translated
- Kulikov, K. I., Lashin, V. K. - Inertial demodulator for low-frequency signals with random modulation. p. 8.
- Krylov, I. U. K. - Dependence of the magnitude and direction of an impulse on the angle of incidence of intense electromagnetic radiation. p. 11.
- Gailarov, D. V., Pavlov, A. V. - Increasing a given level normal noise in automatic selection of its parameters during the moment of readout. p. 17.
- Konstantinov, M. K., Shchegoleva, A. S. - Determination of the transfer function of a transformer converter of small nonlinear displacements. p. 21.
- Klimovskiy, I. S. - Thermal stabilization of semi-conductor converters by means of opposing self-heating of a nonlinear element. p. 25.
- Dudkov, V. G., Orlov, A. P. - Electrometric amplifier with small time constant. p. 30.
- Trifonov, P. M., Budko, V. M., Zinov, V. S. -

- Measurement of nonstationary electromagnetic fields of ultrashort radio waves under industrial noise conditions. p. 21.
- Ivchenko, M. M., Zaitseva, A. A., Khurov, V. D. - Algorithmic design of optimal systems of the 2-3 order with variable parameters. p. 27.
- Arafov, B. A., Orlov, B. M. - Experimental analytical method for studying nonlinear devices. p. 45.
- Usaty, V. I. - Linearization of some automatic control systems with pulse-frequency modulation. p. 49.
- Argast, V. I. - Measurement of the dynamic parameters of thin magnetic films during their manufacture. p. 53.
- Golovinskiy, G. M., Vashchikov, M. P. - Interchangeability of information carried on magnetic tape. p. 57.
- Koplov, P. P. - Effect of the rolling of a ship on the readings of a two-gyroscope compass with pendulum and electromagnetic correction. p. 63.
- Lazarev, I. U. N. - Ballistic deviations of a gyroscope-lens vertical damped by an astatic gyroscope. p. 70.
- Belikov, O. M. - Motion of a gyroscope integrator of linear acceleration. p. 74.
- Khoshchenko, V. M., Kozlov, V. S. - Selection of an efficient structure of a lever transducer for counting or counting. p. 79.
- Orlovskiy, K. A., Orlov, I. A., Kamenskikh, M. M. - Synthesis of an optical converter of an altimeter. p. 85.
- Maltsev, M. D. - Calculation of tolerances for the deviation of reflecting surfaces from a normal sphere. p. 90.
- Rykin, S. A., Khos, A. M., Lavrent'ev, A. I. - Aspirational psychrometer scale. p. 94.
- Mikhlin, O. V., Shokurov, A. S., Platov, V. M. - Device for registering the moment of destruction of samples in testing their heat resistance. p. 99.
- Arlov, R. M., Gashchik, A. A. - Index of the estimate of reliability and effectiveness of centralized automatic control systems of ships. p. 101.
- Tsvetkov, M. M. - Characteristics of oscillograms of instantaneous stress values of wires during winding. p. 108.
- Gilmanov, L. A., Lobov, A. F., Radin, L. E. - Increasing the wear resistance of brass components by means of size diffusion. p. 111.
- Gavrilov, A. M., Tolochkov, I. U. A. - Cleaning and blocking control in frequently reconfiguring automatic equipment in the manufacture of precision machines and instruments. p. 117.
- Vladimir Kravtchik Maslov; on his 80th birthday. p. 124.
- Vol. II, no. 12, 1955.**
- Table of contents translated:
- Karpov, I. U. B., Merlina, V. I., Panyukov, V. V. - Electrical fluctuations in low-power vacuum tubes. p. 8.
- Kashchikov, V. V. - Spectra of multiply repeated transient signals with amplitude pulse modulation. p. 12.
- Volkov, I. I., Korotkova, O. G., Burakov, A. A. - D.C. and a.c. stabilizers using ECL transistors and photodiode amplifiers. p. 17.
- Kolomoysky, F. I., Alekshin, L. M., Kondratyev, V. A. - Use of frequency characteristics stabilizing device in the determination of electrodynamic parameters of ferrites. p. 22.
- Rudin, V. L. - Principles of the construction of some circuits of optical-acoustical receivers of electromagnetic waves in the microwave band. p. 28.
- Vasylavskiy, O. G. - Method for analysis and limited synthesis of linear dynamic systems. p. 34.
- Sovetov, B. I. A. - Comparison of different methods for the protection of a code start element. p. 34.
- Dobrov, A. A., Perevoshchikov, M. M., Iakovlev, M. M. - Magnetic amplifiers for regulating DCD series motors. p. 39.
- Dobryshin, E. M., Karsenkov, G. D. - Effect of automatic control on the effectiveness of a self-adaptive system. p. 44.
- Motter, V. M. - Calculation of error of star-shaped voltage dividers. p. 54.
- Tikhonov, G. M. - Optimal sliding measurement of speed and acceleration. p. 58.
- Kogala, N. I. A. - Stability of a single-axis gyro-stabilizer with presence of dry friction in the precession axis. p. 61.
- Lazarev, I. U. P. - Angular departure of the axis of the rotor of a directional gyroscope placed on a sloping base. p. 64.
- Kovalev, M. P. - Calculation of the displacement of the center of a gyroscope rotor with purely axial load and pliable covers. p. 71.
- Burakov, I. A., Golovov, L. V., Kapler, G. M. - Measurement of axial rigidity of gyroscope flanges. p. 75.
- Amosov, G. D., Orlovskiy, L. I. U. - Effect of deviations from mutual perpendicularity of the axes of rings on the kinematic of four-ring gimbal of gyroscopes. p. 81.
- Klimova, M. V., Serebriykov, M. M. - Effect of external magnetic field on clock balance fluctuations. p. 87.
- Litvinov, L. Kh. - Problems of the design of time optimal spring mechanisms. p. 93.
- Tikhonov, S. T., Pavlov, R. D. - Effect of the air track on the accuracy of devices controlling a beam. p. 94.

- Anisimov, B. V., Savolov, A. I. A. - Effectiveness of programmed (adaptive) control systems. p. 101.
- Shaplov, I. G. - Construction of a control system for the sorting of components with a control system. p. 106.
- Volosov, S. S., Gollor, X. M., Maslov, I. I. - Regulation of the control and regulation of any operating process with random fluctuations in the control interval. p. 111.
- STANKI I INSTRUMENT (MACHINE TOOLS AND INSTRUMENTS).** Organ of Gosudarstvennoye nauchno-issledovatel'skoye i konstruktorskoye upravleniye (State Scientific Research and Design Institute) for Machine Tool Industry, Administration of the Scientific and Technical Administration of the Machine Tool Industry, Moscow, vol. II, no. 12, 1955.
- Table of contents translated:
- Tikhonov, S. T., Gollor, X. M., Maslov, I. I. - Efficient methods for developing adaptive control systems for machine tools. p. 11.
- Butler, R. V. - Rigidity equilibrium in a control system. p. 13.
- Misevich, V. S. - Designing wellhead control for metal cutting machine tools. p. 17.
- Golov, I. D., Karlovskiy, V. V. - Methods for the shaping process in grinding on free surfaces. p. 21.
- Amosov, G. M., and others. - Adjustment of friction bearings of optical heads. p. 25.
- Chern, L. N. - Cyclic defect in the drive of a screw-cut drive. p. 30.
- Melikal, A. M., Pavlov, A. G. - Vibration of asynchronous motors under special conditions in machine-tool drives. p. 37.
- Bumilina, L. V., Petrov, L. P. - Technical and economic problems in the application of a capacitor deceleration. p. 38.
- Karpyshov, B. N., Rodichenko, A. P. - Abrasive installation with a by-pass. p. 41.
- Per, A. G. - Diamond milling. p. 49.
- Krasnoshchikov, G. M. - Double tooling in cutting pipe with disk heads. p. 51.
- Zhukovskiy, O. V., Dorozhin, V. V. - Economic analysis of the grinding process in teeth of gear. p. 53.
- Gavrilov, G. M. - Coolant lubricant for turning conditions. p. 54.
- Lar'ev, G. D., Shul'f, E. V. - Active control of a part with rapid-changes. p. 57.
- Shapiro, M. M., and others. - Method of a control device for a metal machine tool. p. 58.
- Polunin, V. V., Potanin, V. I. - Two-component dynamometer. p. 59.
- Churilov, A. M. - Minimization of the error in the grinding of a part. p. 61.
- Cherny, A. P. - An internal drive for a part. p. 63.
- Prishkin, M. P. - Determining the accuracy of a fraction in electrochemical grinding. p. 64.
- Danilevich, B. P. - Cutting force during turning of magnetic steels. p. 66.
- Krasnoshchikov, V. A. - Method for calculating the cutting process. p. 67.
- Meloshnikov, M. S. - Investigating the cutting of high-manganese steels. p. 69.
- Batohin, S. I. A. - Turning of disk-type castings. p. 70.
- Krapak, A. S. - High-efficiency metal cutting. p. 71.
- Krasnoshchikov, E. I., Krasnov, D. A. - Boring cutters from electroalloy. p. 72.
- IUK, B. I. A., Shchegoleva, I. A. M. - Automation for drilling plane parts. p. 74.
- Lashin, A. I. - Thirtieth anniversary of the "Stanki i Instrument" Publishing House. p. 77.
- Vikha, A. B. - Conference on the development of machine tools. p. 78.
- Eightieth anniversary of N. G. Maslov. p. 79.
- New machine tools. p. 80.
- Vol. 30, no. 8, Aug. 1956.**
- Table of contents translated:
- Portanova, V. T., Lapshin, A. S. - Effect of depth on the longevity of alloyed tool steels in machine tools. p. 1.
- Klimov, A. A., Polin, G. W., Shchegoleva, I. A. - Effect of error in thread profile and in the screw of the screw-cut hydrostatic transmission. p. 2.
- Golovskiy, G. M., Chernyshev, B. I. - Increasing the accuracy of grinding machine tools. p. 3.
- Krasnoshchikov, V. V., Krasov, E. I. - Methods for the wear of friction surfaces. p. 4.
- Aleks, G. G. - Shaping model 30X gear with machine tools. p. 11.
- Krasnoshchikov, I. K., Begal, V. M. - Automatic regulation of a hydraulic drive in a machine tool feed systems. p. 12.
- Orlovskiy, M. M., Kopylov, I. U. P. - In-situ control of vibrations in sliding diamond bearing machine tools. p. 13.

- Ol'khovskii, N. V. - Accuracy in machining surfaces on knee-milling machines. p. 16.
- Brakavskii, V. M. - Roll-forming of shaped surfaces. p. 19.
- Mordukhai, V. M. - Electrochemical grinding of spring ends. p. 21.
- Lel'chuk, S. M. - Grinding parts produced from carbon and graphite materials. p. 23.
- Vyetskikh, V. N. - Improving thread rolling adjustment. p. 24.
- Tal'isnik, M. I. A. - Accuracy of a hole bored with a rotating cutter. p. 25.
- Troshin, M. M., Politsky, V. A. - Automatic torque stabilization during drilling of deep, small-diameter holes. p. 27.
- Dobrov, I. U. S., Nikolaev, G. S., Ter-Minasyan, S. B. M. - Surface finish during drilling with plastic drill blanks. p. 28.
- Mitruyev, K. F., Ulanov, B. M. - Machining grooves in parts made of heat-resistant alloy. p. 29.
- Dovgal', M. A., Kravchenko, L. A., Gritskov, G. P. - Calculating dimensions of die molds for production of sealing rings. p. 30.
- Astashev, V. K., Kobrin, A. E., Krasovskiy, A. I. - Sensors for experimental studies of machine tools. p. 32.
- Broda, E. M., Guseinov, M. I. A. - Compound boring bars for precision boring and reaming. p. 34.
- Lubimov, V. E. - New method for sharpening drills with curved cutting edges. p. 37.
- Charkovskii, I. U. K., Zakrytyy, A. A. - Profiling abrasive worms. p. 39.
- Korotkiy, A. M., Likhachev, V. I. A. - Resistance of cut-off tools used in automated production. p. 40.
- Shchegolev, D. I., Rubtsov, V. N. - Regrinding elements for milling straight-tooth corrugated gear wheels. p. 41.
- Ushakov, I. U. S., Kovaleva, L. M. - Heat treatment of high-speed steels in molten glass. p. 41.
- Karlov, A. K. - Electrochemical dimensional machining of forging-die impressions. p. 43.
- Dobrov, M. V. - Modification of a bench drill. p. 44.
- Selov, E. A., Smirnov, V. P. - Diamond honing of holes in housing segments. p. 45.
- New machine tools. p. 46.

Vol. 30, no. 9, Sep. 1988.

- Table of contents translated:
- Levin, Z. M. - Calculation of elastic deformations caused by the weight of shifting cutters. p. 1.
- Ternov, O. G. - Effect of the position of the feed drive axis on force of friction in precision machine slides. p. 8.
- Nabokovskiy, A. I., Ravin, A. G. - Accuracy of cylindrical grinders equipped with active control instruments. p. 7.
- Likhachev, L. M. - Face-type friction drive for work piece in castorose grinding on fixed support. p. 8.
- Adlerov, V. I., Sokolov, I. U. M. - Heat exchange between machine-tool parts and the air in the shop. p. 10.
- Nerovov, A. I. - Deceleration of powertrain drive with a resistive slide valve. p. 11.
- Dempe, V. E. - Electric spark shaping of surfaces. p. 12.
- Gol'ts, M. R., and others. - Adjustable nonreversible electric drive for feeding mechanisms of milling cutters. p. 14.
- Alekseyev, N. M. - Adjustable low-power electric drive. p. 15.
- Abol'mov, I. G., and others. - DC electric drive with pulse-width transistors converter. p. 16.
- Babinetskiy, V. R. - Damping vibrations in turning using the pneumatic cutting method. p. 21.
- Chishevskiy, A. V., Val'kovskiy, K. A. - Determining the overall error in broaching holes. p. 24.
- Khor, G. L., and others. - Increasing the efficiency of hard-alloy cutting tools. p. 24.
- Antosov, M. P. - Reducing the cutting-up radius for a threaded cutter. p. 26.
- Dobinskiy, F. S. - Shaping a tangential face cutter. p. 27.
- Orlovskiy, M. L., Tabachuk, M. I. A., Medvedevskiy, M. L. - Correcting radial profile of roughness of hobs. p. 28.
- Degilarev, M. S., Filki, M. D. - Optimum sharpening and dressing conditions for hard-alloy tools. p. 29.
- Rezko, M. F., Lopetukha, V. P. - Diamond honing of hard-to-work steels. p. 31.
- Sorochuk, B. M. - Automatic grinding machine for needle rollers. p. 33.
- Shchegolev, I. G., Tshchenko, B. S. - Instrument for controlling accumulated error and differences in the circular pitch of gear wheels. p. 34.
- Tikhov, V. A. - Calculating tolerances for fabrication of cassette devices. p. 35.
- Khalimov, V. - Machining of slides. p. 38.
- Koba, V. M. - Automatic machine for milling bosses. p. 39.
- Chernikov, V. A. - Sectional counterbores. p. 39.
- Tranov, K. K. - Device for grinding a vertical bevel guide. p. 40.
- Lash, M. I., Spatar, L. S. - Wedge-shaped device for recovering tools. p. 40.
- Adams, A. E., Kostikov, M. D. - Cup-type rotary cutting tool. p. 40.

- Trofimov, I. P. - Role of determining cutting tool elements using a cutoff milling cutter as an example. p. 41.
- New machine tools. p. 41.

Vol. 30, no. 10, Oct. 1988.

- Table of contents translated:
- Pech, V. E., Shchegolev, M. A. - Analysis of characteristics of hydrostatic bearings based on analogy. p. 1.
- Vasil'yevskiy, L. A. - Increasing the accuracy in turning nonrigid shafts. p. 4.
- Lozhnikov, V. I. - Automated control system at the "Fraser" Plant. p. 5.
- Petrov, V. P., Krivosheev, P. I. - Automatic positioning system of Model 2444 vertical boring mill. p. 7.
- Doglov, V. I. - Photoelectric switch. p. 8.
- Gria, E. A., Potomov, U. M. - Muskhelishvili type superfinishing head with pneumatic drive having an adjustable oscillating amplitude. p. 10.
- Krasov, G. F., Shchegolev, V. I. - Designing rack-type stepped transporters. p. 12.
- Adams, I. A., Gromova, G. G., Egidinov, M. M. - Cutting teeth of gear wheels with high-speed steel milling cutters. p. 13.
- Savitskiy, V. S. - Cutting gear wheels with sectioned unrelieved hobbing cutters. p. 14.
- Khoprov, G. V. - Gang machine for machining center holes in gear wheels. p. 16.
- Vilberg, I. U. R., Koval'son, G. I. - Forming chamfered edges on floor-machined gear teeth. p. 17.
- Rylov, M. A., Rylov, M. M. - Heat release on the teeth during grinding. p. 18.
- Chishevskiy, M. V. - Monitoring temperature deformations in basic machine-tool parts in the process of grinding. p. 21.
- Zinovskiy, A. V. - Machining external ring surfaces with abrasive bits using the inclusion method. p. 22.
- Darmannov, S. K. - Universal algorithm for calculating the profile of shape cutters. p. 23.
- Kosovskiy, R. G., Chisovskiy, P. S., Kuznetsov, A. I. - Forming external cylindrical surfaces with a toroidal roller. p. 24.
- Moldob, I. U. V. - Increasing the resistance of diamond tool with an organic binder. p. 26.
- Krasov, M. A., Shchegolev, B. K. - Durability of the tool in rolling deep rectilinear slots. p. 28.
- Krasov, V. D., Eder, I. G., Avdeyev, M. G. - Making hard-alloy dies and mold parts from plasticized blanks. p. 31.
- Ardelev, A. M., Tabachuk, A. M. - New instruments for checking surface roughness of machine-tool parts. p. 32.
- Polkovnikov, G. L. - Mechanization of attaching blanks to machine tools. p. 37.
- Levitich, I. P. - Cutting multiple-start trapezoidal small-diameter threads. p. 38.
- New machine tools. p. 39.

СТРОИТЕЛЬНЫЕ И ДОРОЖНЫЕ МАШИНЫ [CONSTRUCTION AND ROAD MACHINERY]. Organ of Ministerstva stroitel'nogo, dorozhnogo i kommunal'nogo stroitel'stva SSSR [Ministry of the Construction, Road, and Communal Machinery of the U. S. S. R.], Moscow, vol. 13, no. 8, June 1988.

- Table of contents translated:
- Mitrev, A. I. - 6-873 cement tank truck. p. 1.
- Plotnikov, I. A., Dushchik, R. E. - New D-902 excavator. p. 2.
- Lys, G. G., Borzov, I. E. - 8-506 pile-driving tubular diesel hammer. p. 4.
- Iskenderov, K. M. - Horizontal drilling machine for trenchless pipe laying. p. 8.
- Dolov, I. V. - Unit for filling cracks in asphalt-concrete surfaces. p. 7.
- Melnikov, B. A. - Device for cutting walls for the installation of hydroinsulation. p. 8.
- Doroshenko, V. A. - Interaction of a peaker-tractor with a self-propelled scraper. p. 9.
- Krasov, A. F. - Synthesis of a system of planetary reducers and reverse reducers. p. 11.
- Fedorov, G. D., Galkovskiy, E. A., Pukhov, I. F. - K-266 diesel-electric crane. p. 14.
- Mak, S. L., Pukhov, I. F., Koskurachiy, M. E. - Method of constructing graphs for loading crane mechanisms. p. 14.
- New AV-8 automobile crane. p. 16.
- New RDK-35 crane (GDR). p. 19.
- Manufacturers of tower cranes, construction hoists, and winches produced by enterprises of the Ministry of Construction and Road Machinery. p. 20.
- Chesnokov, L. K. - Evaluating the visibility from a cabin of a single-boom excavator. p. 22.
- Akhov, G. D., Busov, I. G., Zaitsev, F. F. - Cutting frozen soil with chains and cutters. p. 23.
- Malyukhin, A. G., Gorodov, A. I. - Dependence of the turning resistance of dual caterpillar tractors on the turning radius. p. 24.
- Stanchev, D. I. - Use of asbestos-like materials cast iron for excavator buckets. p. 27.
- Logskiy, L. I. - 8-506 jaw crusher with no auxiliary drive. p. 28.
- Polakov, A. A. - Polz-12600 refrigerator unit with dual air suction device. p. 31.
- Krashevskiy, B. V., Volobek, V. I. - Studying crushing operations in jaw crushers. p. 32.
- Krasov, M. E. - Machines for molding concrete tubes. p. 34.
- Troshchuk, A. E. - Packing shafts of centrifugal pumps in the construction industry. p. 35.
- Ostrov, Petr Ivanovich (1904-1988). p. 39.

ТЕПЛОЭНЕРГЕТИКА [HEAT ENGINEERING]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.] and others. Moscow, vol. 13, no. 10, Dec. 1988.

- Table of contents translated:
- Kozlov, I. U. F., and others. - Experience in starting K-308-840 turbines manufactured by the Khar'kov Turbogenerator Plant "B. M. Kirov" (Sage and pin heating). p. 3.
- Trubnikov, M. A., and others. - Effect of start conditions on the buckling of the cylinders of K-300-120 turbines manufactured by the Leningrad Metal Plant. p. 6.
- Filippov, G. A., Potarov, O. A. - Study of the separating capacity of a turbine runner with plates. p. 17.
- Ol'khovskiy, G. G., and others. - Experience in the first years of the operation of a gas turbine power plant in Khabarovsk in the Turbina S. S. R. p. 21.
- Konstantinov, A. L. - Operation of gas turbines with split shaft deviations of the characteristics of the composite elements. p. 23.
- Koshkin, S. I., Borokhov, L. M. - Temperature conditions of water walls of once-through type boilers during sharp drops in the load. p. 23.
- Mal't, V. I., Ivanova, I. P. - Temperature of coal particles during combustion. p. 34.
- Reznikov, A. B., Buzlov, I. P., Kurganovskiy, M. B. - Study of the burning of Ekluxur coals in a vertical cyclone furnace with liquid slag removal. p. 37.
- Brusin, M. A., Tshikhin, R. A. - Study of the main part of the MMT 1800/1918 hammer mill. p. 41.
- Abrahamov, I. V., Podolskiy, N. I., Balashin, S. A. - Effect of oxygen on the protective action of acid corrosion inhibitors in a hydrofluoric acid flow. p. 44.
- Golobokov, A. V., Hristovskiy, G. P. - Mechanism of the sorption of trace compounds by cellulose. p. 47.
- Krasovskiy, V. I. - Use of epoxy resin compounds in corrosion protection of heat pipes. p. 48.
- Dani, M. A., and others. - Calculation of engineering and economic indices of a 300 MW block using the "Kosmos" system. p. 51.
- Artyukov, B. A., Varnishnikov, I. I., Shatkovskiy, G. N. - Solution of a nonlinear problem in non-stationary thermal conductivity in solids with random form. p. 60.
- Golobokov, D. P., and others. - Threshold power of the turbines of power systems. p. 62.
- Lokshin, V. A., Koshkin, V. N. - Experimental study of the heat emission of wide shockboard tube elements in a transverse air flow. p. 68.
- Mironov, V. D., Kharin, M. I. A. - Regulation of a combustion process using a torch emission signal. p. 68.
- Rodnik, V. A., Koshkin, V. P. - Iterative algorithm of the adjustment and self-adjustment of a system for automatic control of thermal processes. p. 71.
- Rivkin, S. I., Levin, A. I., Izrael'skiy, I. B. - Experimental study of the viscosity of water vapor at temperatures up to 450°C and pressures up to 350 bar. p. 74.
- Raschikov, I. U. L., Nemov, V. G. - System for studying thermal conductivity of liquid high-temperature heat carriers. p. 76.
- Levashov, A. S. - Preparation for the conversion of large steam turbines to operation with reaction steam and slope in the Gidropark S. S. R. p. 82.
- Lavrenko, K. D. - Seventh Congress of the world Power Conference (survey of the operation of the systems of thermal and atomic power plants). p. 84.
- Iov Aleksandrovich Matkovskiy on the 60th anniversary of his birth. p. 85.

VESTNIK MASHINOSTROENIYA [MACHINERY MANUFACTURE REVIEW]. Organ of Gosudarstvennyi nauchno-poiskovyy i issledovatel'skiy tsentr SSSR [State Scientific Center for the Research in the U. S. S. R.] and others. Moscow, vol. 48, no. 11, Nov. 1988.

- Table of contents translated:
- Vladimirov, A. P. - Development of machine-tool construction and technical progress in machine building. p. 3.
- Krasov, I. I. - The law of durability distribution during fatigue testing of large machine parts. p. 6.
- Stability of shallow supporting shells with box-type cross section under pure bending. p. 10.
- Kirilenko, V. P., Belykh, V. A. - Stability of crimped walls of cross beams under shear forces. p. 14.
- Pogostin, A. K. - Modeling the external friction process of brake shoes in holding and conveying mechanisms. p. 18.
- Gorodetskiy, L. M. - Decreasing the weight of grab bucket mechanisms. p. 17.
- Sobolev, V. M., Piskunov, I. A. - Effective use of bevel guide wheels in bridge cranes. p. 18.
- Zhukov, N. M. - Effect of drive parameters on dynamic loads in chain conveyors under steady operating conditions. p. 21.
- Pal'ma, E. M. - Problem of optimization of the jumping angle for free-stroke ball connectors in engine starters. p. 24.
- Shchegolev, D. I. - Efficient designs of planetary mechanisms. p. 28.
- Pal'man, E. I. - Peculiarities of load distribution between pinions of heavy planetary gear trains. p. 30.

- Orlin, M.V. - Gear drive with a variable angle between the axis. p. 31.
- Bobrovskii, I.A., Shenderov, B.I., Shcheglov, E.A. - Geometry of gear wheels milled with gear-wheel cutters. p. 32.
- Bachvalova, M.V., Danilova, N.E., Gostar, I.M. - Durability of gear wheels in splining looms. p. 34.
- Starodubskii, V.E., Petrovskaya, M.I. - Selecting parameters of gear wheel cutter for cutting dies and internal meshing gears. p. 36.
- Spitsyn, M.A., Atlas, S.G. - Use of high-speed ball bearings. p. 38.
- Dekhtin, B.A. - Standardizing the rated life of antifriction bearings. p. 40.
- Prizhdenko, O.B., Bogdanov, O.I. - Designing rectangular hydrostatic pillow bearings. p. 42.
- Bethelin, V.L., Gorbunenko, V.A. - Determining the load on an antifriction bearing in supporting and rotating devices. p. 44.
- Gulik, V.A. - Reliable connection of supporting surfaces for bearings of antifriction bearings of optimum design. p. 46.
- Shcheglov, M.E. - Use of pressed wood as an antifriction material for sleeve bearings. p. 48.
- Shapiro, I.I. - Calculating contact strains in wood plastics. p. 49.
- Petrov, G.D., Dronov, F.M., Volod'ko, G.F. - New abrasive wheel cutting machines. p. 52.
- Bashchikov-Khramovskii, I.I., and others. - Assembly welding machines for electroslag welding of girth joints. p. 53.
- Maslov, A.A. - Effect of the technological process on the operational properties of parts. p. 55.
- Maslov, K.F. - Control of the manufacturing process with random time interval for inspection. p. 56.
- Zykin, A.S. - Optimum cutter and conditions for stripping titanium alloy ingots. p. 57.
- Kraschev, L.A., Kolesnikov, N.P. - Stress-strain on insulation in stamping shells of double curvature. p. 59.
- Beckinskii, V.V., Orlovskii, A.K. - Use of 40S17PM steel in die-casting molds for die casting aluminum alloys. p. 60.
- Korshak, B.M. - Machinability of steels in the grinding process. p. 61.
- Alacha, M.P. - Torque in rough gear-milling of 10Kh18N9T steel. p. 62.
- Beres, I.S., Ustakha, A.P., Shapiro, A.D. - Some problems in integral planning at enterprises with individual and small-lot type of production. p. 63.
- Jakobov, V. - Improving the structure of basic assets at the machinery construction plants of the Lithuanian S.S.R. p. 64.
- Bortova, S.M. - Distribution of indirect expenditures in calculating the cost of general overhead of electrical machinery. p. 65.
- Alaksiev, I.U.M. - Trends in the organization of management in large machinery construction firms of the U.S.S.R. p. 67.
- Stralov, V.S. - All-Union Scientific and Technical Conference on Statistical Methods for Determining Strength in Machinery Construction. p. 69.
- Stralov, V.S. - Dimensional electrochemical treatment of metals. p. 70.
- Kozlov, V.A. - Exploratory drilling equipment at the Exhibition of Achievements of the National Economy. p. 72.
- Second Plenary Session of the Central Administration of the Scientific and Technical Society of the Machinery Industry. p. 73.
- Soviet Inventions in the field of machinery construction. p. 74.
- In the Ministry of Machine-tool and Cutting Tool Industry. p. 75.
- Vol. 48, no. 13, Dec. 1968.
- Table of contents translated:
- Levov, D.P. - Tasks of the scientific and technical progress in machinery construction. p. 3.
- Dronov, I.U.M., Shcheglov, V.F. - Coefficient of friction and thickness of oil film in heavy-load contact. p. 9.
- Kobrin, M.M., Andreev, V.P. - Efficiency of galvanomechanical treatment of steel. p. 11.
- Gol'dstein, M.B., and others. - Porous chrome plating as a way to increase the durability of steel parts. p. 14.
- Agafonov, V.A. - Computer calculation of the vibration of flexible unbalanced rotors resting on plain bearings. p. 17.
- Gusakovskii, I.P., Patrik, A.A. - Allowances for contact steps of links of a roller chain with straight plates. p. 21.
- Prozhi, B.A., Mikryakov, V.K. - Selection of the wedge angle for pulleys of belt variations. p. 24.
- Bergov, P.V. - Synthesis of mechanisms with gradually moving cam according to parabolic profile wear. p. 27.
- Moravov, V.A. - Calculation of free-stroke couplings with eccentric rollers. p. 30.
- Viatel'd, L.R., Gusevskii, M.A. - Geometric characteristics of cross sections of shafts with involute stiffs. p. 32.

- Lovtsov, I.U.I., Danilov, A.P. - Calculating volumetric losses in the distributor of a piston hydraulic machine. p. 34.
- Baidov, I.A.A., and others. - Characteristics of a hydraulic throttle needle-valve. p. 36.
- Karvatskii, I.U.I. - Calculating pipeline dimensions in the hydraulic systems of machines. p. 42.
- Komlasev, A.V., Shcheglov, A.P., Mikolay, E.A. - Braking mode of a hydraulic servomechanism taking into account the elastic linkage between the load and the hydraulic motor. p. 43.
- Tsvetkovskii, B.M. - Effect of local roughness on the vibration of a circular cylinder in a flow. p. 45.
- Nezova-Maschukova, V.G. - Strength of bond between the matrix and fibers at different temperatures. p. 48.
- Panikhi, L.I., Hovinski, D.I.A., Fedorovskii, I.M. - 28-1 inertia stand for testing natural friction apparatus. p. 50.
- Lisich, A.A. - Unit for testing radial ball bearings at low temperatures. p. 51.
- Kapustin, M.M., Shcheglov, A.S. - Rigidity and strength of the elements of large-scale universal assembly devices. p. 54.
- Paskalov, M.F., Miklasev, V.V., Kallala, M.S. - Comparing the article "Corrections of methods for calculating the machining allowance" by V.P. Paskalov. p. 55.
- Seleznev, K.I., Kondratyev, V.G. - Stressed state and allocation of strains in electrolytic forgings during the forging process. p. 56.
- Levi, L.L., and others. - Correlation of indices of bending strength and tensile strength of gray iron. p. 58.
- Bilik, Sh.M., Botcharov, E.Kh. - Finishing conical and cylindrical surfaces (over 300 mm in dia.) of hardened-steel machine parts. p. 60.
- Panchenko, K.P. - Dynamic investigation of thread comb cutters. p. 61.
- Rosovov, L.I. - Forecasting cost dynamics as an estimated price base. p. 70.
- Kozlov, A.A. - Basic problems in improving prices for machinery industry products. p. 72.
- Ginsburg, A.A., Shcheglov, R.K. - Selecting the optimum variant of a technological process. p. 74.
- Orlin, A.S. - International Congress on International Combustion Engines. p. 76.
- Kozlov, V.A. - Exhibition of Bulgarian Machine-tool Industry. p. 77.
- Soviet Inventions in the field of machinery construction. p. 80.
- In the Ministry of Machine-tool and Cutting-tool Industry. p. 80.

KA RULIM (AT TON WHEEL). Issued by Vsesoyuznoe dopolnitel'noe obshchestvo sotsialisticheskoy armii, avistov i flota (All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy), Moscow, no. 1, Jan. 1969.

- THELEKODOR ORENTI TRANSPORT (RAILROAD TRANSPORTATION). Organ of Ministerstvo puti soobshcheniya (Ministry of Railroad Transportation of the U.S.S.R.), Moscow, vol. 48, no. 9, Sep. 1968.
- Table of contents translated:
- Orlov, I.A.F., Popov, L.A. - Actual problems of freight station operations. p. 2.
- Apsharov, B.L., Pivovarskii, D.I. - New demands made on train traffic schedules. p. 8.
- Burdakov, S.K. - Effectiveness of large closed line sectors for track repair. p. 12.
- Maslov, A.M., Maslov, S.S. - New developments in the operations of a mechanized railroad sector pertaining to loading and unloading work. p. 17.
- Moskalyuk, V.S. - Advanced technology should be put at the disposal of small railroad stations. p. 26.
- Shcheglov, P.A., Loev, A.G. - Preparation of railroad stations and railway maintenance for high speed traffic. p. 32.
- Pravda, M.V. - Overall development of interurban and urban railroad services. p. 33.
- Tulupov, L.P. - Operational planning and introduction of electronic digital computers. p. 38.
- Skorotupko, V.V. - Methods of dispatcher control at railroad stations. p. 39.
- Porokh, G.A., Sobol, E.M. - Potential for increasing speeds in railroad sectors. p. 44.
- Railroad transportation in the first half of 1968: technical and economic review. p. 57.
- Moskalyuk, A.M., Rudenko, I.A., Borovik, A.S. - Scientific organization of labor in a refrigerator car depot. p. 62.
- Cheremashina, R.G., Shipilov, A.I.A. - Results of the KZhD electric train operation. p. 68.
- Bolshakovskii, G.F., Levashin, I.A. - Combined power installation for servicing locomotives. p. 69.
- Makrasov, V.I., Chander, O.I. - Reliability of electric train auxiliary motors. p. 80.
- Filipenko, S.M., Lazarevskii, I.L. - Improving working quarters of enterprises of communication and centralized traffic control. p. 83.
- Milich, I.V. - Material incentive and quality control in car overhaul. p. 82.
- Skorotupko, O.R., Severin, I.U.F. - Improving the quality of rails. p. 84.

- Krasina, A.V. - Price determination and test method. p. 85.
- Bubel'man, V.B. - New methods of engineering road construction. p. 92.
- Klavina, A.M. - Speeding up bookkeeping work. p. 97.
- Branch laboratories of the scientific organization of labor. p. 99.
- Bashayev, V.I. - Railroad machines and cars. International exhibition. p. 98.
- Shcheglov, A.I. - Study of suburban passenger flow. p. 99.
- Testing automatic signals. p. 97.
- Alaksiev, M.P. - Scientific research work: railroad transportation (Feb.). p. 99.

L. MINING AND METALLURGY

- AKERBAIDZHANEKOS NEFTTANAK KONGRESI (AZERBAIDZHANEKOS PETROLEUM INDUSTRY). Obyekt narodnogo khozaystva Azerbaidzhanskoy i Gruzinskoy SSR po koordinatsii sotsialno-tekhnicheskogo rabota (Economic Council of the Azerbaidzhanskoy SSR and the State Committee of the Azerbaidzhanskoy SSR for the Coordination of Scientific Research). Baku, vol. 47, no. 13460, Table of contents translated.
- More than 1000 of the everyday petroleum workers insert.
- Gashiev, A.M., Guller, G.A., Salimov, T. - Technological of the water area in the Sumgait region in the light of new geological and gas data. p. 1.
- Vakhtov, B.G., Dautlyevskaya, D.M. - History, development of the Lower Kura oil and gas bearing region in the Quaternary period. Tagiev, K.A., Agalarova, D.A. - Establishing presence of the Pliocene stage in the Lower Depression. p. 8.
- Mamedov, K.D. - Effect of the bounded field a reservoir on the readings of a three-axis lateral log. p. 7.
- Shcheglov, Ch.M., Baidov, B.A. - Factors of the properties of oils and ways to increase recovery from the "open"-type Kirmak in the Baklanov-Baklanov-Pashanov field. p. 10.
- Akhmedov, M.T., Akhmedov, O.M., Zebai R.L. - Meaning of "bioglyphs" in the strata (flysch deposits). p. 11.
- Kasim-zade, D.B., Movsumov, A.A., Kula Experimentally method for determining hydrocarbons in tubing and annular space of casing of a well. p. 14.
- Abdullayev, A.M., Mamedov, O.G. - Effect of breaking the borehole bottom by cone bits in staged crows. p. 18.
- Faiziev, M.I. - Dynamics of flow and filling (solchamber) of a hydraulic brake. p. 17.
- Mamedov, A.A. - Main causes of breakdowns of tightness of casing in gas and gas condensate wells in Azerbaijan. p. 20.
- Baidov, A.M. - Some causes of gas seepage in annular space of gas wells. p. 22.
- Kadyanova, K.B. - Approximate method for determining the throughput and filling time of sand filter. p. 23.
- Mamedov, F.A. - Effect of overpressure in the space on the delivery of a subsurface pump. Kasimov, A.M. - Experimental study of displacement of oil from a porous medium by hot water: pressures and temperatures. p. 23.
- Mamedov, T.M. - Results of treating oil well zones by spent and saturated kerolene. p. 24.
- Babiev, R.M., Akhmedov, A.I.U. - Effective acidification in the Pashanov-More field as expediency of its use. p. 22.
- Mamedov, M.G., Muriev, M.B. - Establishing efficient regime of well exploitation in the case of paraffin-base crude. p. 24.
- Alakperova, S.A., Mamedov, M.D. - Study effect of the fractional composition of bank clay of Kobayev on its separating capacity. p. 27.
- Ragimov, F.R., and others. - Studying the dispersion of natural and artificial petroleum emulsions of the Oil Field Administration "Vasov". p. 28.
- Melik-zade, M.M., Bashirov, A.B. - Expert study of the effect of looking radiation of molecular weight of polymers. p. 40.
- Akhmedov, Sh.T., Aliev, D.A., Mamedov, Synthesis of alkyl acetyldiphenyl and its use into corresponding sodium and potassium diphenyl carboxylates. p. 41.
- Rust-zade, A.T., Gashiev, M.A., Pogoriat, Determining some parameters of the scale mechanism of universal preventers. p. 44.
- Kutayev, P.V., Guseinov, F.M., Mamedov, Determination of petroleum equipment. p. 44.
- Blash, G.L., Akhmedov, A.A. - Approximate for determining optimum density of well gas. p. 48.
- Dafar Mekhtievich Kulievskiy anniversary. P. insert.

INSTITUT GORNOY MOKHANIKI I TEKHNOLOGIY KIRGIZSTANU (INSTITUTE OF MINING ENGINEERING AND APPLIED CYBERNETICS). Moscow, no. 18, 1968. Applying methods and computing techniques in mining. Table of contents translated:

Shcheglov, I.U.M. - Determining optimum control to the functioning of a speed system limited input flow. p. 3.

Avramov, S. M., Grekov, S. P. - Solving differential equations for convective and diffusion transfer in regions nonadmitting the separation of variables. p. 6.

Orlov, S. M., and others. - Using electronic digital computers for the study of airflow in sloped-out areas worked by retreating with a counterflow ventilation system. p. 14.

Orlov, S. M., Grekov, S. P., Avramov, S. M. - Micrograph method of calculating necessary amounts of inert gases for preventing explosions in fire areas. p. 28.

Sevchenko, I. U. K. - Calculating roots of polynomials degree three and degree four with "Ural-4" electronic digital computers. p. 38.

Belikov, P. F., Bucherikova, M. V., Chubenko, M. S. - Approximation of characteristic curves for centrifugal pumps by polynomials degree three. p. 37.

Mityev, V. I., and others. - Using electronic digital computers for dynamic balancing of mixing machines. p. 45.

Belikov, P. F. - Analytic determination of the necessary depth for regulating centrifugal pumps by the number of revolutions. p. 62.

Gorlyachenko, V. T., and others. - Using analog computers for calculation of rotary conical disks. p. 78.

Abramov, V. A., Gortachev, B. I., Ovchinnikov, A. S. - Increasing the reliability of electronic digital computers. p. 81.

Sokolov, O. P. - Economic mathematical principle of the planned workload in coal mine slopes. p. 82.

Brinkovskaya, L. P., and others. - Using the probability theory in organizing operations with regard to coal loading. p. 91.

Paichka, A. M., and others. - Information system for collecting and operational processing of technical and economic information regarding coal mining enterprises. p. 94.

Bravitskaya, M. S., Medvedevskaya, G. M., Sokolov, O. P. - Program for calculation of wages on "Ural-4" electronic digital computers. p. 98.

Bakhterov, M. T. - Using the computing technique in some research work. p. 101.

LITERATURE PRODUCTION (FOUNDRY PRACTICE). Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Coordination of Research in the U. S. S. R.] and others. Moscow, no. 3, Mar. 1960; no. 3, Mar. 1961; no. 9, Sep. 1960.

METALLOVEDENIE I THERMICHESKAYA OBRABOTKA METALLOV (METALS AND HEAT TREATMENT OF METALS). Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Coordination of Research in the U. S. S. R.] and others. Moscow, no. 3, Mar. 1960; no. 3, Mar. 1961; no. 9, Sep. 1960.

METALLOVEDENIE I THERMICHESKAYA OBRABOTKA METALLOV (METALS AND HEAT TREATMENT OF METALS). Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Coordination of Research in the U. S. S. R.] and others. Moscow, no. 3, Mar. 1960; no. 3, Mar. 1961; no. 9, Sep. 1960.

NEFTI I NEFTIYANAYA PROMyshLENNOST' (PETROLEUM REFINING AND PETROLEUM CHEMISTRY). Issued by Tsentrallyy nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po nefti i naftokhimiye [Central Scientific Research Institute for Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 8, 1960.

Table of contents translated:
Pavlov, S. V., and others. - Kinetics of the hydrogenation of aromatic extracts from a karolite-gas oil fraction of the Arlun petroleum. p. 1.
Kiselevskiy, I. A. R., and others. - Effect of the molybdenum (molybdate) content of catalysts on changes in their mechanical strength at high temperatures. p. 4.
Kotov, V. I., and others. - Effect of the operating time of a catalyst on the results of catalytic cracking. p. 7.
Pavlov, I. A. M., and others. - Studying the effectiveness of antioxidant additives and their effect on physicochemical properties of fuels. p. 8.
Lazarev, V. S. - Limits of petrochemical utilization of additives. p. 13.
Kiselevskiy, I. A. R., Piskunov, A. M. - Improving the alkylation process in the production of the TSIATM-438 additive. p. 17.
Kiselevskiy, I. A. R., Piskunov, A. V. - Quality requirements of petroleum bitumens for road construction taking into account climatic conditions. p. 18.
Kiselevskiy, I. A. R., and others. - Changes in the phase state of asphaltum in West Siberian petroleum. p. 21.
Kiselevskiy, I. A. R., and others. - Quality of paraffin for the food industry. p. 22.
Kiselevskiy, I. A. R., Piskunov, A. M., Gaganov, D. G. - Developing the technology for a continuous process of phenol alkylation with a polymer distillate in the presence of an aluminum salt catalyst. p. 27.
Kiselevskiy, I. A. R., and others. - Experience in the production and testing of aluminum-molybdenum catalyst for the hydrofining of diesel fuels. p. 29.
Kiselevskiy, I. A. R. - Diffused flow sheet of the GPU 43-402 unit. p. 33.
Kiselevskiy, I. A. R., Bogdanova, T. A., Kiselevskiy, I. A. R. - Composition of the light portion of the pyrolytic resin of oarag-head gasolines. p. 35.
Belikov, P. F., and others. - Use of inhibitors in the hydrocracking of liquid pyrolysis products. p. 37.
Mityev, V. I., and others. - Oxidation of isopropylbenzene in a layer of foam. p. 38.
Mityev, V. I., and others. - Concentration of hydroperoxide isopropylbenzene in the production of phenol and acetone. p. 48.
Ditakov, M. M., Kozlov, L. M., Bureeva, R. M. - Extraction of aromatic hydrocarbons with β -nitroisopropylbenzene. p. 44.
Bogdanova, T. A., Vlasov, N. I. A. - Adsorption drying of pyrolytic gas. p. 48.
Tolstova, L. M., Kozlov, A. V., Bureeva, R. M. - Method for obtaining surface-active substances from petroleum. p. 49.
Mityev, V. I., and others. - Determining optimum fractional composition of paraffins for synthesizing fatty acids. p. 50.
Kiselevskiy, I. A. R., Pavlov, S. V., Kiselevskiy, I. A. R. - Properties of soot-like solutions of monomers of maleic and trifluoromaleic acids. p. 52.
Kiselevskiy, I. A. R., Pavlov, S. V., Kiselevskiy, I. A. R. - Purifying industrial waste from formaldehyde and acrolein fatty acids with electric current impulses. p. 55.
Kiselevskiy, I. A. R. - The "Medialik" electric dehydrator. p. 56.
Kiselevskiy, I. A. R., and others. - Improving the performance of a propane column. p. 60.
Production and quality improvement of plastic labels. p. 62.

NO. 1, 1960.
Table of contents translated:
Filin, R. A., Kiselevskiy, R. K. - Desalting of the petroleum of the Ural field from the heavy-metal paraffins. p. 1.
Kiselevskiy, I. A. R., and others. - Effect of the methods of catalyst selection on coke formation in hydrocracking. p. 4.
Kiselevskiy, I. A. R., Kiselevskiy, M. I. - Extracts of gas oils of various residues of the Mangyshlak petroleum as a stock for carbon black production. p. 5.
Kiselevskiy, I. A. R., Kiselevskiy, G. A., Vlasov, N. I. A. - Lubricating properties of some water-soluble chemical compounds and their use as components of lubricating and cooling fluids. p. 9.
Kiselevskiy, I. A. R., Kiselevskiy, V. I. - Obtaining oils of a wide assortment by direct purification of de-waxed oil. p. 15.
Kiselevskiy, I. A. R., and others. - Refinement during the storage of highly viscous mazuta. p. 16.
Kiselevskiy, I. A. R. - Some problems of the optimization and automatic control of the low-temperature gas separation process. p. 18.
Kiselevskiy, I. A. R., Kiselevskiy, I. V. - Chemistry of the conversion of individual hydrocarbons in hydrocracking in the presence of aluminum-molybdenum and platinum catalysts. p. 21.
Kiselevskiy, I. A. R., and others. - Selecting optimum conditions for the alkylation of phenol by olefins on the KU-2 catalyst. p. 26.
Kiselevskiy, I. A. R., and others. - Synthesis of alkyl carboxylates as selective solvents for hydrocarbons. p. 27.
Kiselevskiy, I. A. R., Kiselevskiy, S. M., Kiselevskiy, I. B. - Synthesis of esterizing additives on the basis of petroleumsulfonic acids. p. 29.
Bykov, I. A. - Absorption of synthetic fatty acids by silica. p. 31.
Kiselevskiy, I. B., and others. - Extractive separation of oxidation products of methyl ethers of synthetic fatty acids. p. 32.

OGOLASHCHENIE RUD (RUD DISSEMINATION). Issued by Vsesoyuznyi nauchno-issledovatel'skii i projektiruyushchii tsentr [All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals]. Leningrad, vol. 10, no. 1, 1960; vol. 11, no. 1, 1961.

RAVYEDKA I OCHERAKA MINER (PROSPECTING AND CONSERVATION OF MINERAL RESOURCES). Organ of Gosudarstvennyi geologicheskii komitet [State Geological Committee of the U. S. S. R.] and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting. Moscow, vol. 34, no. 12, Dec. 1960.

Table of contents translated:
Increasing the effectiveness of geological prospecting for mineral raw materials for the building materials industry is an important objective for geologists. p. 1.
Orlovskiy, M. B. - Principles of evaluating deposits of basaltic stone. p. 4.
Pogorelov, I. A. - Gases of Yakutia. p. 8.
Orlovskiy, M. B. - Rapid magnetometric method for the geological estimate of iron ores. p. 10.
Kiselevskiy, I. A. R. - Metallographic surveying in conditions of the development of base formation. p. 18.
Prokofiev, V. A., and others. - Greater attention to the technology and organization of geological prospecting operations. p. 17.
Kiselevskiy, I. A. R., Kiselevskiy, A. M. - Determining the optimum amount of drilling mud for core drilling. p. 21.

RUSSIA (U. S. S. R.) MINSKOE VYBYVOE [RUSSIAN MINING AND CONSTRUCTION]. Issued by Vsesoyuznyi nauchno-issledovatel'skii i projektiruyushchii tsentr [All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals]. Moscow, vol. 11, no. 10, 1960.

Table of contents translated:
Kiselevskiy, I. A. R., and others. - On the geothermy of the Darya field. p. 1.
Kiselevskiy, I. A. R., and others. - Reasons for bad correlation of data of electromagnetic well studies in exploratory and structural exploration drilling in a thin-layered section. p. 2.
Kiselevskiy, I. A. R., Kiselevskiy, K. M. - Oil and gas potentials of the Pirog area in the light of new material. p. 11.
Kiselevskiy, I. A. R., Kiselevskiy, B. A. - Studying the heat capacity of the narrow fractions of the Oskan field petroleum. pp. 14, 44.
Kiselevskiy, I. A. R. - Studying the basic aspects of the appearance of adhesive properties of filter cakes. p. 15.
Kiselevskiy, I. A. R., Kiselevskiy, S. G., Kiselevskiy, I. B. - Problems of dynamics in running and pulling the measuring equipment in oil and gas well drilling. p. 20.
Kiselevskiy, I. A. R., Kiselevskiy, I. B., Kiselevskiy, B. M. - Selecting the interval length of a shaft hole curvature. p. 26.
Kiselevskiy, I. A. R. - Well casing permitting the use of electric logging to control water displacement. p. 30.
Kiselevskiy, I. A. R. - Evaluating errors in the calculation of condensate yield during return gas injection into a reservoir of varying permeability. p. 32.
Kiselevskiy, I. A. R., Kiselevskiy, S. G., Kiselevskiy, D. M. - Yield of Newtonian and non-Newtonian oil pools exploited by water drive. p. 37.
Kiselevskiy, I. A. R., Kiselevskiy, S. G., Kiselevskiy, M. G. - Studying the effectiveness of corrosion inhibitors in systems of hydrocarbons and water condensates in various fields of Krasnodar Territory. p. 38.
Kiselevskiy, I. A. R., Kiselevskiy, S. A., Kiselevskiy, I. B. - Studying the change in chemical composition of oil in the clay-trapping process using infrared spectroscopy. p. 45.
Kiselevskiy, I. A. R., Kiselevskiy, S. A., Kiselevskiy, A. M. - Determining the activity of an absorbent in a short-cycle adsorption unit. p. 48.
Kiselevskiy, I. A. R., Kiselevskiy, S. A., Kiselevskiy, G. G. - Study of aromatic hydrocarbons of a diesel oil fraction of the petroleum from the Medvedevskiy field. p. 51.
Kiselevskiy, I. A. R. - Rectilinear-parallel constant-flow flows caused by alternating runoff-sources distributed in a confined region. p. 52.
Kiselevskiy, I. A. R. - Displacement of petroleum and petroleum products in inclined pipelines. p. 57.
Kiselevskiy, I. A. R., Kiselevskiy, M. A., Kiselevskiy, A. K. - On a problem of the liberation of formations. p. 61.
Kiselevskiy, I. A. R., and others. - Purification of underground waters for the flooding of oil beds. pp. 64, 80.
Kiselevskiy, I. A. R. - Determining the relationship between a drop and its impact on a layer of carbon black. p. 66.
Kiselevskiy, I. A. R., Bykov, I. I. - Increasing the effectiveness of the operation of above-ground nonisothermal pipelines. p. 68.
Kiselevskiy, I. A. R., Kiselevskiy, V. T. - Analytical calculation of the optimal positioning of remote-control pressure pickups along the route of a gas pipeline. p. 72.
Kiselevskiy, I. A. R., Kiselevskiy, V. T., Kiselevskiy, P. I. - Study of heat phenomena and the dynamics of paraffin deposition in petroleum pipelines. p. 77.

- Vestrov, A. Kh. - Comparison of certain methods for determining the corrosive activity of soils. p. 81.
- Belousov, V. D., Borisenko, T. M. - Cooperation of spherical separators in pipelines. p. 90.
- Maslovskiy, A. G., Sletova, T. L. - Statistical method for the current control of oil production to an incremental total by taking into account the resources of productivity. p. 92.
- Brasilev, I. A., Farsane, M. G., Feldkeller, M. B. - Studying the operation of a flame-ionization detector for gas chromatography. p. 94.
- Kozlovskiy, I. U., Kolesov, V. M., Kozlov, G. I. - Increasing the interference rejectivity of a receiver of a wireless electric communication channel with the well bottom. p. 101.
- Medkov, P. K., Mikhov, E. A. - Studying an automatic system for obtaining an oil concentrate using automatic computers. p. 101.
- Vlasov, V. M., Borokh, G. M., Korotkov, V. A. - Studying the wear of metals impacting with loose abrasive material. p. 109.

SOVIETSKI SHAKHTER [SOVIET MINER]. Issued by Tsentrallyy Gosstat Profsoyuz rabotnikov ugolnoy promyshlennosti SSSR (Central Committee of the Trade Union of Workers of the Coal Industry of the U. S. S. R.). Moscow, vol. IV, no. 11, Nov. 1968.

Table of contents translated:

- Along the path of the Great October. p. 1.
- Priglasenie, V., and others. - Standing still in honor of the 100th anniversary of Lenin's birthday. p. 2.
- Podobnyy, V. - IPek predicted it. p. 6.
- Markovskiy, I. U., Dolgov, L. - Give qualified guidance to coal mines. p. 8.
- Rechistov, A. - Characteristics of the Urals. p. 10.
- Ready to greet the Lenin jubilee. p. 11.
- Andreev, P. - From institutes and laboratories: Siberian scientists are creating. p. 12.
- Alkaseev, V. - Force of persuasion. p. 14.
- Kozlovskiy, Z. - Propaganda today. p. 15.
- Travnikov, V. - On the level of the achievements of science. p. 16.
- Ispyt, L. - Trustworthy float. p. 22.
- Tolst, in honor of the anniversary. p. 24.
- Mikhovskiy, L. - New adventures. p. 24.
- Krylovskiy, L. - On a visit to the "possessed." p. 26.
- Tysklevich, K. - Operation "Omel." p. 24.

VEKNOLOVSK. INSTITUT METALLURGI. Trudy [INSTITUTE OF METALLURGY. Transactions]. No. 10, 1967. Improvement of the technology of founding.

Table of contents translated:

- Goritskiy, V. M., Brikh, M. M. - Developing a standard type of spola. p. 1.
- Kozlov, A. V. - Height of the preheated zone of a charge in spola furnaces. p. 18.
- Kozlov, A. V. - Heat transfer ratio during the heating of light pig iron in a converter. p. 22.
- Kozlov, A. V. - Effect of the composition and rate of preheating of pig iron on its superheating. p. 23.
- Goritskiy, V. M., Panachev, P. P., Izhimskiy, G. G. - Capots furnace cast with preheating of the blow and purification of gases. p. 31.
- Goritskiy, V. M., Lagovskiy, V. L., Asan'in, A. A. - Mixer-type air preheater for spola furnaces. p. 37.
- Belikov, V. R., Kozlov, A. P. - Work practices with spola furnaces of the Ural Automobile Plant. p. 41.
- Belikov, V. R., Kozlov, A. P., Chernobrovka, V. P. - Effect of melting conditions on the gas content in cast iron. p. 47.
- Asan'in, A. A., and others. - Effect of blast furnace-smelted cast iron on radiator tightness. p. 60.
- Chernobrovka, V. P. - Mechanistic device for cast iron quality control in the course of smelting. p. 67.
- Belikov, V. R., Chernobrovka, V. P. - Linear shrinkage of ferritic malleable iron castings. p. 61.
- Belikov, A. I., Chernobrovka, V. P. - Effect of carbon on the linear shrinkage of steel castings. p. 64.
- Kozlov, I. V., Asan'in, A. A. - Characteristics of structure formation in vacuum-treated cast iron. p. 71.
- Shayev, A. I., Chernobrovka, V. P. - Relation of the linear shrinkage of castings to steel decarburization. p. 78.
- Lazavskiy, V. L., Chernobrovka, V. P. - Casting of spherical aluminum granules. p. 84.
- Lazavskiy, V. L., Chernobrovka, V. P. - Sample qualities of spherical shot made of aluminum alloys. p. 91.

DOOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyy nauchno-issledovatel'skiy tsentr po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S. S. R. for the Coordination of Research]. Kiev, vol. 12, no. 10, Oct. 1968.

Table of contents translated:

- Bashov, A. I. - The Dnepropetrovsk helps the coal miners of the Donets Basin. p. 1.
- Tarashko, V. S., Grishchenko, B. A. - Prognosis of the stability of mine workings to the pillar system of mining. p. 8.

- Tatomin, K. I., Andreev, I. M., Zagorodnii, I. U. D. - Opening and developing steeply pitching seams in the Central Region of the Donets Basin. p. 8.
- Tarashko, V. S., Grishchenko, B. A. - Determining the coefficient of rock hardness. p. 11.
- Krivonozov, V. P., Gurevich, B. I. - Taking stock of hard inclusions in coal seams in calculating coal mining machines. p. 12.
- Chernin, M. I., and others. - New All-Union record is the result of the introduction of scientific organization of labor and new techniques. p. 14.
- Turpin, A. K., Raik, V. G. - Combined method of coal haulage in extended longwalls. p. 19.
- Morozkov, M. O., and others. - Combined system of open-pit mining under complicated hydrogeologic conditions of horizontal deposits. p. 24.
- Voloshin, M. T., Olschik, I. A. S. - Drainage of the Strikivskiy Open-Pit Mine. p. 24.
- Maslovskiy, M. D., Yermakov, D. K. - Mechanization of labor processes in mine transportation. p. 28.
- Potapov, V. G., Solov'yev, A. M. - Ways of improving technical and economic indices in coal mines in preparing the transition to the new conditions of planning and economic incentives. p. 35.
- Kaganetskiy, M. E., and others. - Optimization of parameters of the new level of the "Privol'nia-skiya-Ukraina" Mine using electronic digital computers. p. 40.
- Abramov, F. A., Grishchenko, B. E., Sobolevskiy, V. V. - Investigating the distribution of methane concentration in longwalls during the operation of mining machines with the aid of thermal analogy. p. 43.
- Balishchko, I. I., Yelshnik, P. A. - Wetting of coal surfaces for preventing coal and gas outbursts in development workings. p. 45.
- Gagay, P. O., Dremel, A. V., Drobnitskiy, V. F. - Determining the concentration of dust and poison gases in conducting blasting operations. p. 47.
- Tsyrennikov, A. S., Litvinenko, V. P., Kravtsov, I. A. - Calculation of methane content in coal mines. p. 49.
- Bixin, P. S., Bolshak, M. A. - Equipment for automatic signaling of the elimination of break-downs in coal mines. p. 51.
- Sestavich, O. V., Grishchenko, A. S., Goltsovskiy, M. K. - Use of portable chronographs in working underground lines. p. 43.
- Prozorov, I. U. P. - Ultrasonic densimeter for coal piles. p. 45.
- Eight International Congress on Mineral Dressing. p. 48.
- Mezhovskiy, A. I. - Problems of securing the stability of mine workings must be solved. p. 49.
- Kaligor, I. O. - Information and technical progress. p. 50.
- Dezhen, V. A. - Visiting the coal mines of Bulgaria. p. 51.
- Shchegolev, B. M. - Accelerating growth rates of technical and economic indices. p. 54.

Vol. 12, no. 10, Nov. 1968.

Table of contents translated:

- 1st anniversary of the Great October Revolution. p. 1.
- Shchegolevskiy, V. I., Kravchenko, M. G. - TL 100 tons of coal extracted from the longwall for 37 workings with the USB-67 plow. p. 4.
- Kuznetsov, I. U. V. - Improve the form and methods of extracting coal mines. p. 6.
- Rondarenko, I. N., and others. - Scientific organization of labor at the "Ukraina" Coal Mines. p. 6.
- Potapovskiy, M. T. - Scientific organization of production and labor in a coal mine. p. 11.
- Kozlovskiy, V. P. - Paid for housing and social and cultural services as factor in the stimulation of production. p. 13.
- Dykov, A. V. - Daily and weekly planning at the Dnepropetrovsk Trust. p. 15.
- Mikhail, P. V., Bagrov, I. V. - Influence of stone quarry parameters on the amount of labor consumed for operations. p. 16.
- Kozlovskiy, M. I. A. Use of electronic digital computers in calculating electrodynamic networks by the topological method. p. 17.
- Pozharovskiy, V. A., Vashkov, B. A., Lyubskiy, V. A. - Modeling the load flow according to the slope. p. 20.
- Kirichenko, V. I., and others. - Flowing of coals highly resistant to cutting in coal seams. p. 22.
- Kozlov, E. P. - Effectiveness of the development of steep seams by hard heading. p. 24.
- Shchegolev, I. V., Gurevich, A. I. - Correlation between the hardness coefficient and the contact strength of rocks. p. 26.
- Shchegolev, A. M., and others. - Ways of making rotary bucket excavators with high digging force. p. 28.
- Shchegolevskiy, V. T. - Shifting vegetative layers of soil with conveyor bridges in the reclamation of mined areas. p. 34.
- Babak, G. A., and others. - The VTSD-10 centrifugal two-way reaction fan for coal mines. p. 36.
- Balikov, M. M. - The shaft pump with spring damper. p. 31.
- Dugayev, G. V., Muravitskiy, V. I. - Selecting the method of conveying cooled air into longwalls in a local system of air conditioning. p. 33.
- Boravskiy, A. I. A. - Connection between the sudden outbursts of coal and gas and the secondary loading on the limbs of the main antilines. p. 38.
- Pravik, E. T., Kuznetsov, V. S. - Inert gas atmosphere during borehole drilling in steeply pitching seams. p. 38.
- Mongeyev, V. I., and others. - Selective coagulation of coal slimes of the Dnepropetrovsk By-Product Coke Plant. p. 41.
- Bagrovskiy, G. A., Shchegolev, D. S. - Ways of a possible reduction of costs in sinking and operating flooded shafts. p. 42.
- Dikov, A. I. - Structures of stable concrete supports in the zone of geologic disturbances. p. 44.

- Tabakari, V. A. - Attachment for mine level in setting out bench marks. p. 44.
- Nagorniy, I. U. M. - Character of changes with depth of overthrust amplitudes in the west part of Donets Basin. p. 47.
- Shchegolevskiy, B. M. - At the all-Union economic services in coal industry entry under conditions of the new economic role Coal Industry of the Ukraine in the first semi 1968. p. 53.

VOPROSY GEOLOGII I METODY RAZVEDKI Z [PROBLEMS RELATING TO THE GEOLOGY SURVEYING METHODS FOR GOLD]. Issued by Gosstat Zakhodnyy stepy filial Gosstatshobstva SSSR i Kombinat "Baleyskiy" [Division of the Transcarpathian Branch of the Gosstat of the U. S. S. R. and Combine "Baleyskiy" Chika, no. 1, 1967.

Table of contents translated:

- Chaplovskiy, S. V., Khomich, V. G. - Role of meridional disturbances in the distribution of mineralization in the Baley region. p. 6.
- Borovkov, F. T. - Volcanic activity of the coal type in the Undino-Balinskaya depression as role in the distribution of epithermal veins of gold, mercury and tin. p. 7.
- Krasnaya, S. S. - Tectonostratigraphic analysis Baley graben deposits. p. 10.
- Mikhailov, S. S. - Criteria of the typomorphic mineralization in the Baley region. p. 18.
- Laidkov, I. U. V. - Results of mineral, thermal barometric investigations of basins in r from gold ore deposits of the Baley region: certain aspects of their practical use. p. 2.
- Khomich, V. G., Chaplovskiy, S. V. - Criteria in the localization of ore chimneys in Baley basins. p. 28.
- Vorobey, A. F. - Effect of the lithology of coal rocks on the morphology of ore bodies and distribution in them of gold. p. 29.
- Mikhailovskiy, A. K. - Vertical structural map of ore-bearing fissures of the southern Baley deposit. p. 30.
- Adel'son, I. M., Shchegolev, A. V., Kalashnikov, D. A. - Data on the connection between gold and mineralization in the Baley region. p. 31.
- Shchegolev, A. V., Adel'son, I. M. - Geological map of the "Golgoty" gold ore deposit and the of the prospecting operations. p. 34.
- Topolov, V. E. - Brief geological characteristics and estimates for the future of the central part of the "Golgoty" gold ore deposit. p. 35.
- Fahullin, R. M. - Gold placers in the Baley region. p. 41.
- Khomich, V. G. - Experimental and methodological investigations by the photoseismic method (prospecting and tracking for gold-quartz (or earth surface variants) in certain sections of Baley ore system. p. 44.
- Khomich, V. G. - Methods for the compilation of an erosion section for the Upper Mesozoic tectonic depressions on the example of the I ore field. p. 46.
- Krasnaya, S. S. - Feasibility of using boreholes made by rotary-percussion drilling instead mine workings. p. 50.

KAVODSKAYA LABORATORIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyy nauchno-issledovatel'skiy tsentr po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U. S. S. R.]. Moscow, vol. 23, no. 7, 1968.

Vol. 23, no. 7, 1968.

Table of contents translated:

- Kharlamov, I. P. - Development of works in the of spectrophotometric methods of determining elements a survey. p. 1035.
- Vladimirova, V. M., and others. - Pulse polar and fluorimetric determination of sulfur in C, Mn, Zn, and Ag₂O₂. p. 1045.
- Iurist, I. M. - Complexometric determination of radionuclides. p. 1050.
- Tikhonov, V. M. - Photometric determination of p. 1053.
- Zaitseva, E. I., and others. - Determination of composition of nonmetalloid inclusions in steel treated by rare earth elements. p. 1054.
- Andreev, L. V. - Chromatographic separation of carbonyl compounds. p. 1057.
- Berezhina, K. G., Drakova, M. V. - Polarographic determination of α , β -irradiation products and its sodium salt in a technical product. p. 1060.
- Gorlov, M. I., and others. - Determination of amino acids in preparations and products of leuca refining. p. 1061.
- Potapova, R. M., Ashchova, R. P., Shchegolev, M. M. - Method of fluorimetric determination of solid grain amounts of beryllium with boron. p. 1064.
- Korobova, I. I. - Determination of aluminum, zinc, and calcium in cement suspensions by luminescent method. p. 1064.

Priluker, G. V., Kharobenko, L. V. - Polarographic determination of microquantities of chlorine in titanium. p. 1054.

Quliyev, G. M., D'line, V. A., Moshchenko, V. V. - Determination of salts of some organic acids by titration with tetraethyl ammonium hydroxide. p. 1066.

Savchenko, A. N., Shakhov, S. A., Loev, M. F. - Comparative estimation of the accuracy of some methods of X-ray spectral analysis of inhomogeneous materials. p. 1066.

Dem'yanov, I. G., ChenHayon, I. I. - Determination of vanadium content in sulfuric acid solutions based on secondary X-ray spectra. p. 1071.

Vasil'ev, A. F. - Program of analysis of nonadditive multicomponent mixtures based on analytical lines. p. 1073.

Vasil'ev, A. F. - Experimental verification of the program for the analysis of nonadditive multicomponent mixtures based on analytical lines. p. 1077.

Korotkiy, M. A., Delarova, M. I., Drushinina, K. K. - Rapid methods of determination of vanadyl hydroxychloride in titanium tetrachloride. p. 1088.

Kurev, V. N., Malkoshenko, M. M. - X-ray absorption analysis of beryllium alloys with rhodium. p. 1084.

Bekurov, I. U. F., and others. - Atomic-absorption determination of sodium impurities in pure vanadium pentoxide. p. 1086.

Kurin, I. U. F., Shinko, V. I., Matkov, V. V. - Contactless method for measuring the specific resistance of semiconductor plates and epitaxial films. p. 1084.

Ovchinnikov, M. I., and others. - Monitoring the specific resistance of plates and epitaxial films using the method of opposite probes. p. 1086.

Krasnov, V. I., Lisker, I. B. - Study of galvanomagnetic and thermomagnetic effects in semiconductors using the nonstationary method. p. 1091.

Ovchinnikov, I. V. - Method for determining the number of an interference band. p. 1093.

Kalepa, M. M., Katsikov, D. N. - Effect of magnetization on the detectability of surface defects in testing by the method of eddy currents. p. 1098.

Melikh, M. K., Alonovskiy, V. B. - Use of the landscape diffusion method in determining oxygen dissolved in water. p. 1101.

Osipenko, K. P. - Automatic transfer in GOU gas analyzers. p. 1103.

Chelish, A. A. - Method of determining creep indices during relaxation testing. p. 1106.

Lepsh, G. P., Tuponova, I. M. - Evaluating the relaxation resistance of metals by results of creep testing. p. 1110.

Ovchinnikov, V. V. - Methods of determining stress relaxation characteristics under complex stresses. p. 1111.

Shin, E. A. - Calculation of relaxation stresses in a ring specimen. p. 1114.

Liferman, L. A. - Determining the thermoplasticity of steel under cyclic tension with subsequent stress relaxation. p. 1118.

Avrasy, M. B., Azikov, L. A. - Methods of pipe testing for stress rupture strength. p. 1122.

Krasovskiy, V. M. - Equipment for monitoring the stress rupture strength of metals under complex stresses and variable temperatures. p. 1124.

Aleksandr, M. M., Radikov, V. M. - Equipment for testing materials at high temperatures and in vacuum. p. 1127.

Debin, V. P. - Equipment for testing for creep and stress rupture strength of high-melting materials in vacuum. p. 1132.

Denisov, M. M., Ovsienko, B. M. - Using an electronic machine "Zolit-F" for temperature regulation in hot mechanical testing. p. 1130.

Trifun, V. I., Koshcheyev, V. A., Polshkov, I. M. - Tools for the mechanical testing in a wide temperature range and in vacuum. p. 1132.

Telenev, G. G., Androisk, L. V. - New dilatometer for determining the resistance to deformation in metals. p. 1133.

Rykov, L. A., and others. - New universal dilatometer. p. 1137.

Dankovskiy, D. A. - Unit for measuring the dielectric characteristics of small specimens of polymeric dielectrics in a wide temperature range. p. 1138.

Kuznetsov, A. A., Alimov, Sh. A. - Use of a scintillation counter in recording the intensity of X-ray diffraction scattering. p. 1143.

Norov, V. B., Mikhlin, R. I. - Unit for studying com-electronic emission from deformed metals. p. 1144.

Prasolov, R. S. - Multipoint recording thermoelectric vacuum gauge. p. 1144.

Ramochikov, A. V. - Electromagnetic hardness gauge based on pulse magnetization. p. 1148.

Smolov, B. A., Lagutov, G. B., Prashkov, P. A. - A measuring sampler for use in X-ray spectral fluorescence analysis of suspensions. p. 1149.

Brak, B. S., Lifshits, I. D. - Polarographic analyzer for determining lead in ores and tailings. p. 1150.

Tikhonov, S. B., and others. - Electrode with a stationary mercury drop. p. 1153.

Melnyak, B. M., Brodskiy, D. R. - Vancom dilatometer for studying the thermal expansion of alloys within the interval 30° - 1600° C. p. 1154.

Shuler, L. M., Bolarskiy, A. M. - Simplified device for fast determination of the melting point of organic substances. p. 1160.

Bruluta, E. I., Vlasov, L. A. - Test rod for measuring the electroconductivity of metals under the microscope. p. 1157.

Abrahamov, S. K., Lazarev, I. I. - Device for determining the coefficient of linear expansion of plastics. p. 1157.

Demesov, A. F., Ust'lyazov, V. M. - X-ray thermographic unit. p. 1163.

Smolov, F. M., and others. - Electrode device for determining the dielectric characteristics of varnish coatings and solid resins. p. 1166.

Belikov, V. K., Polukhin, G. M. - A universal photometer. p. 1160.

Lisakov, G. I., Kozlovskiy, M. S. - A high-temperature vibratory viscometer. p. 1163.

Petrova, A. G., Aldarov, T. K. - A universal dilatometer for a spectrograph. p. 1163.

Lobanov, A. M., and others. - A modernized high-resolution nuclear magnetic resonance spectrometer devised by the Central Laboratory of Automation. p. 1163.

Girkin, M. V., Pashov, V. A., Ragunin, R. M. - Infrared adapter for microscopes. p. 1168.

Nyström, L. M. - Second international symposium on "High-purity substances in science and technology." p. 1168.

Ivan Vasil'evich Koshcheyev, obituary. p.

Vol. 34, no. 30, 1968.

Table of contents translated:

Livshits, L. D. - Temperature relationship in alternating current polarography. p. 1169.

Pala, R. Q., and others. - Determination of 0.001% of also in copper and antimony by means of alternating current polarography. p. 1173.

Smolov, V. V., and others. - Use of radiofrequency polarography for analyzing semiconductor alloys containing indium and cadmium. p. 1178.

Valasova, I. I., Chikryova, E. G. - Determination of bismuth in semiconductor alloys from weighed microportions by means of oscillographic polarography with storage. p. 1178.

Polukhin, I. V., Romanovskiy, E. P. - Polarographic determination of copper in bismuth, ferromanganese, and titanium-base alloys with barium as the support. p. 1183.

Ochobskaya, R. B., Bryukova, S. M., Iaroslavskiy, A. D. - Spectrophotometric determination of microgram quantities of vanadium in oxide powders. p. 1184.

Pala, R. Q., Biliarskiy, I. S., Chelish, T. M. - Amalgamated electrodes for polarographic determination. p. 1185.

Alimov, V. R., and others. - Analysis of mixtures of natural and butadiene styrene rubbers by means of pyrolytic gas chromatography. p. 1188.

Luganov, M. K., Baranova, V. G., Mestanova, T. P. - Determination of sulfur in the products of manufacture of 8-octyl-3-vinylpyridine. p. 1192.

Smolov, I. U. F., Gederovich, N. A., Shchukin, V. B. - Determination of gases in metallic manganese and iron-manganese alloys. p. 1193.

Orlovskiy, G. I. - Volatility of germanium from hydrochloric acid solutions at room temperature. p. 1194.

Petukha, E. V., Dronova, I. A., Sokolov, G. M. - Metallographic methods for determining a deoxidized layer of high-speed steel. p. 1195.

Artemova, L. A., and others. - Qualitative analysis of local hydrogen distribution in metals. p. 1199.

Pogachev, A. T., Bolko, B. T. - Precise determination of the lattice constant in an electron diffraction study. p. 1204.

Tikhonov, A. I., Kozlov, V. B., Nekrasov, M. S. - Fast potentiostatic method for determining the tendency of CrNi31Ni39Fe31 steel toward intercrystalline corrosion. p. 1203.

Amelinov, V. M., Krasov, A. F. - Method for estimating the equivalent measures of defects by ultrasonic testing with direct flow detectors. p. 1207.

Pavlov, L. S., Taraschik, L. M. - Differential depth sensitivity of gamma-gamma densitometers. p. 1210.

Krasov, M. F., Primenova, M. I. - Morphology of secondary oxenitite. p. 1212.

Vasil'ev, V. V., Podolov, M. I. - Methods for corrosion testing and electrochemical measurements at high temperatures and pressures. p. 1213.

Volkov, G. M., Kotova, T. V. - Determination of the granulometric composition of a filler using a low-temperature oxidation method. p. 1213.

Borovskiy, I. U. Z., Pashov, V. V., Mestanova, S. Z. - Oscillometric determination of electric resistance during heating and cooling. p. 1214.

Tikhonov, I. A., Doronina, V. T., Vargan, A. P. - Methods for determining the active component of electric conductivity of ion exchange membranes. p. 1219.

Ovchinnikov, I. V. - Determining the life of regression by the least squares method. p. 1217.

Belikov, L. A. - Determining the interaction between two factors when the table of dispersion analysis contains some empty squares. p. 1220.

B 165-17b

Norik, F. A. - Applicability of the method of simplex lattices in studying phase diagrams. p. 1221.

Markova, E. V., Veksel, M. A. - Experimental planning in fine organic synthesis. p. 1227.

Polinov, I. U. L. - Methodological error of a method for determining the center of an aperture. p. 1230.

Lipkin, M. I., and others. - Development and use of a universal program of multiple regression analysis. p. 1233.

Shchev, V. I. - Methods of investigating energy dissipation in metals under repeated impact loading. p. 1237.

Tylovich, I. M., Glikman, I. A. - Effect of residual stresses on metal hardness. p. 1242.

Dronov, M. S., Baprykha, V. B., Shavskiy, I. I. - Increasing the accuracy of the dynamo method of determining the hardness of steel. p. 1242.

Gor'ev, A. V., Kharobenko, G. V. - Microhardness under small loads. p. 1248.

Solov'ev, S. S., Fridman, I. A. B. - Analysis of cracks and the structure of fractures in glass. p. 1249.

Sokolov, E. I. - Hydraulic device for loading machine parts and assemblies in fatigue testing. p. 1253.

Kagan, V. A., Krayevskiy, I. U. I. - Equipment for testing specimens for low-cycle fatigue during flexure and rotation. p. 1255.

Molchanov, E. I., Trushchikov, V. P. - Equipment for testing disks for heat resistance. p. 1257.

Krasov, M. M., Tikhonov, V. A. - Automatic programming device with time relay. p. 1264.

Zelenev, I. U. V., Norikov, A. G. - Equipment for the study of creep, stress relaxation and dynamic properties of polymers. p. 1268.

Chepur, M. V., Gerasimovich, B. M. - Automatic device for the impact testing of plastics. p. 1263.

Krasovskiy, G. F., and others. - Equipment for the mass spectrometry of the distribution of gas impurities in materials by probing with a laser ray. p. 1263.

Bolko, A. A., Ovchinnikov, A. S. - Low-temperature attachment to the PKVT-400 camera. p. 1265.

Potobina, I. U. M., Rikhsar, R. G., Anosov, V. G. - High-temperature turbine viscometer with automatic recording of readings. p. 1267.

Adler, I. U. P., Primenova, G. B. - Second All-Union Conference on Experimental Planning. p. 1270.

VSESOYUZNIY NAUCHNO-TEKHNIKO-PROEKTNO-KONSTRUKTORSKIY INSTITUT. Nauchno-tekhnicheskii sbornik po dobyche mfti [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Scientific and Technical Papers on Petroleum Production]. No. 17, 1968. Problems of geology and oil and gas occurrence in Krasnodar Territory.

17. MILITARY & NAVAL SCIENCES

A. MILITARY SCIENCE

VESTNIK PIRVOPOKHODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Vyshele Kalifornskogo obshchestva voenistov i po Kabanovskogo generala Kornelova pothoda [Administration of the California Association of Veterans of General Kornelov's First Expedition Campaign]. Los Angeles, no. 63, Jan.-Feb. 1968.

VOENNIY VESTNIK [MILITARY REVIEW]. Organ of Ministerstva oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 48, no. 1, Jan. 1969.

B. NAVAL SCIENCE

MOSCOW. GOSUDARSTVENNIY PROEKTNO-KONSTRUKTORSKIY I NAUCHNO-TEKHNIKO-PROEKTNO-KONSTRUKTORSKIY INSTITUT MORSKOGO TRANSPORTA. Trudy [STATE DESIGN AND SCIENTIFIC RESEARCH INSTITUTE OF MARINE TRANSPORTATION. Transactions]. No. 10(14), 1968. Engineering research and exploration in the coastal sea zone.

Table of contents translated:

Luganov, V. V., and others. - Present state, problems and interconnection of engineering research and exploration in the coastal sea zone. p. 4.

Krylov, I. U. M., Strizhalov, S. S., Tyupchikov, V. F. - Spectral method of calculating the length of wind waves in the open sea and in the coastal zone. p. 17.

Tshchik, I. B. - Energy method of investigating sea wave diffraction behind a simple breaker. p. 68.

Lavrovich, A. M. - Hydrological grounds for the variability of levels according to distribution curves. p. 80.

Kozlov, A. I. - Calculating the pressure of waves penetrating into the water area on vertical type protection works. p. 87.

Astashev, S. M. - Empirical formulae for calculating the flow of granular materials in low depth progressive motion. p. 88.

Antufarov, S. M. - Relation of the flow of sand sediments in transitional motion to its average rate (at high rates of flow). p. 71.

- Logiav, V.V. - Determining the concentration of suspended sand in the coastal zone during rough seas by means of the photoelectric method. p. 81.
- Markova, A.M. - Comparative characteristics of certain energy methods of evaluating sediment transport along the coast. p. 91.
- Arbuzov, M.A. - Dynamics of sediments in the lower part of the coastal zone. p. 93.
- Shrobova, I.A. - Analysis of the deformation of a bar in the Klaipeda port area. p. 100.
- Shchukin, I.V. - Investigating mud accumulation processes in the approach canal of the Ventspils harbor. p. 107.
- Berina, D.A., Shkurup, I.V., Stukel, I.D. - Characterization of the flow of sea sediments along the Roshchinskaya bay bar. p. 143.
- Dolinskii, A.A., Miller, R.A. - Determining standard and rated shear stresses of soil strength. p. 146.
- Mozgov, I.A. - Changes in the chemical composition of marine sediments under the effect of electric consolidation. p. 146.
- Kozlov, P.M. - Role of texture formation in the physicochemical properties of marine sediments. p. 158.
- Levin, A.S. - Change of pulse spectrum during sound ranging of nonuniformities in the near seabottom layer of soil. p. 174.
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISLEDOVATELSKIY INSTITUT EKONOMIKI I EKSPLOATATSIY VOZMOGO TRANSPORTA. Trudy (CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE ECONOMICS AND OPERATION OF WATER TRANSPORTATION, Transactions), No. 80, 1968.
- Contents: Arsen'ev, S.P. - Matching ship types for the merchant marine. (Principles of the methodology of technical and economic justification.) Vychor tipov sudov transporta (Selection of ship types for water transportation (Selection of ship types for water transportation)). 130 p.
- RIMSKA (1917- R. S. F. S. R.) Reestr registr. Byul. - Ispoln. depozitov i bukhgalterskikh pravil i bukhgalterskikh pravil (Register of River Shipping, Bulletin of Additions and Amendments to the Regulations and Instructions of the Register of River Shipping). Moscow, No. 10, 1968.
- SUDOSTROENIE I MORSKIE SOORUZHENIYA (SHIP-BUILDING AND MARINE STRUCTURES). Kharkov, No. 1, 1968.
- Table of contents translated:
- Kochanov, I.U. P. - Stressed state of hull structures reinforced with docking stiffeners. p. 3.
- Kochanov, I.U. P. - Equation in a plane problem on the theory of elasticity for rectangular plates of variable thickness reinforced by ribs. p. 13.
- Kolotov, M.P. - Calculation of continuous beams lying on independent flexible supports by the section method. p. 17.
- Slizhevskii, M.B. - Determining the hydrodynamic characteristics of a working rudder. p. 21.
- Parshonovskii, S.I. - Apparent angles of an underwater wedge with streamlining and separation of the jet flow. p. 32.
- Parshonovskii, S.I. - Phase problem on the contour of a jet during a separation streamline flow in a canal. p. 41.
- Kovtun, V.M. - Application of topological transformations in designing the surface of a ship hull. p. 51.
- Myrnikov, I.I. - Investigating the photo projection layout of curvilinear surfaces of ship hull structures. p. 54.
- Myrnikov, I.I. - Developing template drafts in the photo projection layout of curvilinear surfaces of ship hull structures. p. 64.
- Fomin, I.U. M. - General equations of the viscous fuel injection process in marine diesel engines using electronic computers. p. 71.
- Leppa, M.I. - Selecting the critical speed for rotors of the main marine turbines. p. 79.
- Stevan, A.P., Vorushko, V.I. - Methods of calculating heat diagrams for marine steam power plants. p. 84.
- Krasov, V.V., and others. - Loading arrangements of reactive capacity for the testing of marine synchronous generators. p. 84.
- Aver'yanov, V.A., Krasov, V.V., Maslachenkov, P.A. - Self-synchronizing of marine synchronous generators through a reactor. p. 104.
- Riska, I.U. B. - Using protective additives for the corrosion control of diesel blocks and bushings. p. 111.
- Belov, E.M. - Increasing the contact strength of parts by the application of sulfate presalts. p. 117.
- No. 3, 1968. Marine power plants.
- Table of contents translated:
- Danilov, V.M., Artyukov, G.A., Dezhnev, V.M. - Investigating the heat transfer from a rotating shielded disk. p. 3.
- Belov, E.M., Markov, I.U. D. - Investigating heat exchange during surface boiling and induced movement of seawater. p. 11.
- Zagorodko, V.A. - Investigating processes of moist air drying with the help of air ovens. p. 18.
- Ryabkov, S.V. - Design of two-section superheaters for marine steam boilers with a spray cooler. p. 24.
- Kozlov, P.A. - Effect of heat loss on the fuel temperature before the admission of an auxiliary boiler with automatic fuel preheating control. p. 30.
- Kolobovskii, A.V. - Waste heat boilers as objects of pressure regulation. p. 33.
- Tsybelskiy, B.I. - Air pressure regulation in pneumatic remote control systems for marine diesel engines. p. 41.
- Krishtal, I.L., Orlov, L.A. - Investigating an indirect action revolution regulator. p. 47.
- Grebennikov, Zh.A., Shurov, G.A. - Similitude parameters of transient processes in gas turbine plants. p. 58.
- Golobovskii, A.I., and others. - Investigating the type of frontal arrangement on the characteristics of the combustion chamber of a gas turbine engine. p. 61.
- Kozlov, T.M., and others. - Investigating the performance of the 4D 19/30 diesel operating on a fuel (fuel) with VMU-developed NP-844 additive to the lubricant. p. 70.
- Stal'mashak, V.M. - Calculating the carrying capacity of shells of revolution of constant thickness having segments with a sharp increase in meridian curvature. p. 118.
- Buznik, V.M., and others. - Method of measuring rates of flow in revolving marine turbine channels with the help of piezometric transducers. p. 124.
- Mebachov, V.I., Kirovskii, L.A. - Operating conditions of ship engines during storms. p. 83.
- Kapitonov, I.V. - Determining the speed of the main marine engine. p. 84.
- Sidor, A.M. - Margin of power for the main engines of motorships on underwater wings. p. 93.
- Ivanov, V.I., Maslachenkov, P.A. - Design of loading devices of reactive capacity on the basis of power transformers. p. 94.
- Beloshchinskii, V.I. - Calculation of time delay relays with RC circuit connections. p. 101.
- Shin'ko, I.U. P. - Using an elastic seal for the heating unit of a deadwood shaft. p. 106.
- Shkurup, I.U. A. - Performance of fuel systems with branched pressure piping. p. 108.

PART C

List of Periodicals Indexed and Abbreviations Used

Agitator (8)	Agitator	Ekos. stroi. (8b)	Ekonomika stroitel'stva [Economics of Construction]
Agrokhimia (18a)	Agrokhimia [Agrochemistry]	Eksp. - inform. Mor. gidrofiz. inst. AN URSS (12b)	Akademiia nauk URSS, Kiev. More'nyi hidrofizicheskiy institut. Ekspress-informatsiya [Academy of Sciences of the Ukrainian S.S.R. Marine Hydrophysical Institute. Express-Information]
Akust. zhur. (13f)	Akusticheskiy zhurnal [Journal of Acoustics]	Elek. sta. (16a)	Elektricheskoe stantsii [Electric Power Stations]
Arkhitekt. zhur. (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Elektricheskoye (10a)	Elektricheskoye [Electricity]
Astros. zhur. (13b)	Astromicheskii zhurnal [Journal of Astronomy]	Elektrosvyaz' (10a)	Elektrosvyaz' [Telecommunication]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Elektrotekhnika (10a)	Elektrotekhnika [Electrical Engineering]
Atom. stol. (13f)	Latvijas Padomju Sociālistiskās Republikas Zinātņu Akadēmija, Fizikas institūts, Atomnās enerģijas institūts [Academy of Sciences of the Latvian S.S.R. Institute of Physics, Atomic collisions]	Energ. i. elek. (10a)	Energetika i. elektrifikatsiya [Power Engineering and Electrification]
Av. i kosm. (10b)	Aviatsiya i kosmonavtika [Aviation and Astronautics]	Energ. stroi. (10a)	Energeticheskoe stroitel'stvo [Power Construction]
Avi. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Farmatsev. zhur. (14f)	Farmatsevticheskii zhurnal [Pharmaceutical Journal]
Avtom. kont. i reg. v kab. prom. (10a)	Avtomatizatsiya kontrolya i regulirovaniya v kabel'noi promyshlennosti [Automatic Control and Regulation in Cable Manufacture]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Avtom. svar. (10f)	Akademiia nauk URSS, Kiev. Institut elektrosvarivaniya. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Fin. i tekhn. so- luprovy. (13f)	Finika i tekhnika poluprovodnikov [Technical Physics of Semiconductors]
Aviometriia (10g)	Aviometriia [Aerometry]	Fin. tsvet. tela (13f)	Finika tverdogo tela [Solid State Physics]
Av. i Afr. seg. (10a)	Asiya i Afrika segodnia [Asia and Africa Today]	Fiziol. zhur. (13a)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Azerb. khim. zhur. (13d)	Azerbaidzhan'skii khimicheskii zhurnal [Azerbaijan Chemical Journal]	Geod. i kart. (10a)	Geodesiia i kartografiia [Geodesy and Cartography]
Azerb. med. zhur. (14a)	Azerbaidzhan'skii meditsinskii zhurnal [Azerbaijan Medical Journal]	Geofiz. app. (13c)	Geofizicheskaya apparatura [Geophysical Instruments]
Azerb. neft. khim. (10h)	Azerbaidzhan'skoe neftianoe khozaistvo [Azerbaijan Petroleum Industry]	Geofiz. sbor. (13f)	Akademiia nauk URSS, Kiev. Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S.S.R. Geophysical Papers]
BKI [Prilozh.] (8a)	Biulleten' inostrannoi kommercheskoi informatsii, prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Gliats. issl. v Kazakh. (13c)	Gliatologicheskii issledovaniya v Kazakhstane [Gliaet Research in Kazakhstan]
Bezkont. elek. mash. (10a)	Bezkontaknyye elektromashiny [Electric Machinery without Contacts]	Gor. i stroi. i dor. mash. (10g)	Gornye, stroitel'stvo i dorozhnye mashiny [Mining, Construction, and Road Machinery]
Bibliot. SSSR (1b)	Biblioteka SSSR [Library of the U.S.S.R.]	Gor. zhur. (10h)	Gornyi zhurnal [Mining Journal]
Bibliotekoved. i bibl. na rub. (13b)	Bibliotekovedenie i bibliografiia na rubezhe [Library Science and Bibliography Abroad]	Infern. biol. sov. antark. eksp. (1a)	Soyuzskaya antarkicheskaya ekspeditsiya, 1964-1968. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1964-1968. Information Bulletin]
Biol. mor. (13a)	Biologiya moria [Biology of the Sea]	Inzh. - fiz. zhur. (10a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Biol. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Izme. tekhn. (10a)	Izmeritel'naya tekhnika [Measurement Techniques]
Bul. Rezh. reg. SSSR (17b)	Rezhim (1917- R. S. F. S. R.) Rezhimnyi registr. Biulleten' dopolnenii i izmenenii k rezhimnym pravilam i instruktsii rezhimnogo registra [Regime of River Shipping. Bulletin of Additions and Amendments to the Regulations and Instructions of the Registry of River Shipping]	Izv. AN Kazakh. SSR, Ser. fiz.-mat. (13f)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriya fiziko-matematicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Physico-mathematical Sciences]
Bul. Verkh. Suda (8)	Rezhim (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk (13f)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriya fiziko-matematicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Physico-mathematical Sciences]
Bul. Verkh. Suda RSFSR (8)	Rossia (1917- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Izv. AN Mold. SSR (1a)	Akademiia nauk Moldavskoi SSR. Izvestiia [Academy of Sciences of the Moldavian S.S.R. Bulletin]
Bot. zhur. (13a)	Botanicheskii zhurnal [Botanical Journal]	Izv. AN SSSR, Mekh. khim. i gaz. (13f)	Akademiia nauk SSSR. Izvestiia. Mekhanika khimicheskikh gazov [Academy of Sciences of the U.S.S.R. Bulletin. Mechanics of Liquid and Gas]
Bud. mat. i konstr. (10d)	Buditel'nye materialy i konstruktivnyye [Building Materials and Construction Elements]	Izv. AN SSSR, Neorg. mat. (13d)	Akademiia nauk SSSR. Izvestiia. Neorganicheskie materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials]
Der. prom. (10f)	Derevozabratyvatelskaya promyshlennost' [Woodworking Industry]	Izv. AN SSSR, Ser. geog. (13b)	Akademiia nauk SSSR. Izvestiia. Seriya geograficheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R. Reports]	Izv. AN SSSR, Ser. geol. (13a)	Akademiia nauk SSSR. Izvestiia. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Dokl. TSKHA (10a)	Moscow. Moskovskaya nauchno-issledovatel'skaya akademiya im. Timirязeva. Doklady [Timirязev Agricultural Academy of Moscow. Reports]		
Dokl. na sess. Uch. sov. Sverd. obl. kraev. muz. (1a)	Sverdlovsk. Oblastnoi kraevedcheskii muzei, Uchenyi sovet. Doklady na sessiakh Uchenogo soveta [Provincial Museum of Local History, Research Council, Reports made at the sessions of the Research Council]		
Doshk. vozp. (8a)	Doshkol'noye vosplomaniye [Preschool Education]		
Ekos. i mat. metody. (8b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]		

Izv. AN SSSR. Ser. khim. (13d)	Akademii nauk SSSR. Izvestiya. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]	Lit. proizv. (14h)	Lit. proizvodoivo [Foundry Practice]
Izv. AN SSSR. Ser. mat. (13e)	Akademii nauk SSSR. Izvestiya. Seriya matematicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]	Lit. reit. (14a)	Lit. reit. [Chronicle of Reviews]
Izv. AN Turk. SSR. Ser. obshchestv. nauk (13a)	Akademii nauk Turkmenistanskoi SSR. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Turkmenia S.S.R. Bulletin. Series in the Social Sciences]	Mag. gidr. (13f)	Magnitnaya gidrodinamika [Magnetohydrodynamics]
Izv. SO AN SSSR. Ser. tekhn. nauk (16a)	Akademii nauk SSSR. Sibirskoe otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Technological Sciences]	Mashinostroitel' (18g)	Mashinostroitel' [Machine Builder]
Izv. vuz. ucheb. zav. (elektro-mekh. (16a)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]	Massob. prota. khim. tekhnol. (18e)	Massobshchennyye protsessy khimicheskoi tekhnologii [Mass Exchange Processes in Chemical Technology]
Izv. vuz. ucheb. zav., geod. i aerof. (13b)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, geodesiya i aerofotogrammetriya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]	Mat. anal. (13a)	Matematicheskie issledovaniya [Mathematical Studies]
Izv. vuz. ucheb. zav., khim. i khim. tekhn. (13d)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]
Izv. vuz. ucheb. zav., i naft' i gaz (16b)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, naft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]	Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Izv. vuz. ucheb. zav. i prib. (16g)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, prib. i stroitel'stvo [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Mekh. i avtom. proizv. (18g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]
Izv. vuz. ucheb. zav. i stroit. i arkh. (16b)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Building Engineering]	Mekh. polim. (18c)	Mekhanika polimerov [Mechanics of polymers]
Kataliz i katalizat. (13d)	Kataliz i katalizatory [Catalysis and Catalysts]	Mekh. stroit. (18d)	Mekhanizatsiya stroitel'stva [Mechanization of Construction]
Khim. i naft. mashinost. (16c)	Khimicheskoe i naftnoe mashinostroyeniye [Chemical and Petroleum Machinery Manufacture]	Mekh. tver. tela (13f)	Mekhanika tverdogo tela [Mechanics of Solids]
Khim. mashinost. (16c)	Khimicheskoe mashinostroyeniye [Chemical Machinery Manufacture]	Metall. obr. i term. obr. met. (18b)	Metall. obrabotka i termicheskaya obrabotka metallov [Metals and Heat Treatment of Metals]
Khim. prirod. soed. (13d)	Khimicheskiye prirodnyye soedineniya [Chemistry of Natural Compounds]	Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]
Khim. prom. Ukr. (16c)	Khimicheskaya promyshlennost' Ukrainy [Chemical Industries of the Ukraine]	Meteor. anal. (13f)	Akademii nauk SSSR. Meshcheyadonostrennyy geofizicheskii komitet. Meteorologicheskaya issledovaniya [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee. Meteorological Studies]
Khim. tekhn. (14c)	Khimicheskaya tekhnologiya [Chemical Technology]	Meteorologiya (13f)	Akademii nauk SSSR. Meshcheyadonostrennyy geofizicheskii komitet. Meteorologiya [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee. Meteorology]
Khim. volok. (16c)	Khimicheskaya volokna [Synthetic Fibers]	Metod. vych. (13a)	Metody vychislitel'nykh mashin [Computational Methods]
Khim. vys. energ. (13d)	Khimicheskiye vysokikh energii [High-Energy Chemistry]	Mashin. i avtom. (18g)	Mashinostroyeniye i avtomatizatsiya [Mechanization and Automation]
Khirurgiya (14b)	Khirurgiya [Surgery]	Mikroelem. v Sib. (18a)	Mikroelementy v Sibiri [Microelements in Siberia]
Khib. i kond. prom. (16f)	Khibirovareniye i konditsionnaya promyshlennost' [Baking and Confectionery Industry]	Mont. i spets. rab. v stroit. (18d)	Montazhnyye i spetsial'nyye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
Khol. tekhn. (16e)	Kholodil'naya tekhnika [Refrigeration Engineering]	Muk. - elev. prom. (18f)	Mukomol'naya i elevatornaya promyshlennost' [Flour Milling and Elevator Industry]
Kib. i diagn. (13e)	Kibernetika i diagnostika [Cybernetics and Diagnostics]	Na stroit. Ross. (18d)	Na stroitel'stvo Rossii [At Russian Construction Projects]
Klin. i lech. slok. novo. obraz. (14e)	Klinicheskiye aspekty i lecheniye novobrazovaniy [Clinical Aspects and Treatment of Malignant Neoplasms]	Nabl. i sp. sp. (18a)	Nabl. i sp. sp. [Observation of Artificial Satellites of the Earth]
Klin. khir. (14h)	Klinicheseskaya khirurgiya [Clinical Surgery]	Nach. shkola (8a)	Nachal'naya shkola [Primary School]
Klin. onk. (14e)	Klinicheseskaya onkologiya [Clinical Oncology]	Nauch. obr. (8a)	Nauchnoye obrazovaniye [Public Education]
Knizh. let. (8a)	Knizhnaya letopis' [Book Chronicle]	Nauch. dokl. vuz. shkoly; biol. nauk (13c)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnyye doklady vuzov i spetsial'nykh shkoly; biologicheskaya nauka [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]	Nauch. dokl. vuz. shkoly; ekon. nauk (18b)	Russiya (1922- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnyye doklady vuzov i spetsial'nykh shkoly; ekonomicheskaya nauka [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Kommunist (8)	Kommunist [Communist]	Nauch. trudy TashGU (1a)	Tashkent. Universitet. Nauchnyye trudy [University. Papers]
Leh. prom. (18f)	Lebnaya promyshlennost' [Light Industry]	Nefteper. i neftekhim. (18h)	Neftepererabotka i neftekhimicheskaya [Petroleum Refining and Petroleum Chemistry]
		Nov. leobatr. ekon. lit. (18b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]
		Nov. nastr. lit. po filoz. (18a)	Novaya inostrannaya literatura po filozofii [New Foreign Literature on Philosophy]
		Nov. nastr. lit. po ias. (11a)	Novaya inostrannaya literatura po iazykoznaniiu [New Foreign Literature on Linguistics]
		Nov. nastr. lit. po iet. i arkheol. i etn. (18a)	Novaya inostrannaya literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology and Ethnography]
		Nov. knigi SSSR (7a)	Novyye knigi SSSR [New Books of the U.S.S.R.]

Nov. knigi na rub. ser. V (1a)	Novye knigi na rubeshom, Seriya V: Biologiya, meditsina, sotsialnoye khozaystvo [New Foreign Books, Series V: Biology, Medicine, Agriculture]	Prom. stroit. i inzh. soor. (16d)	Proizvodstvennoe stroitel'stvo i inzhenernye sooruzheniya [Industrial Construction and Engineering Structures]
Nov. knigi na rub. po obshchestv. naukam (1a)	Novye knigi na rubeshom po obshchestvennyim naukam: ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences: Economics, Philosophy, History, International Relations]	Protek. i protostostr. (14h)	Proektirovaniye i protostostraniye [Projecting and Prosthetic Manufacture]
Nov. lit. po Ger. Dem. Resp. (1a)	Novaya literatura po Germaneskoj Demokraticheskoy Respublike [New Literature on the German Democratic Republic]	Rab. po tekhn. kib. (16e)	Raboty po tekhnicheskoy kibernetike [Works on Technical Cybernetics]
Nov. lit. po Jugosl. (1a)	Novaya literatura po Jugoslavii [New Literature on Yugoslavia]	Rad. lit. (11h)	Radiatsionnaya literatura [Soviet Literary Review]
Nov. lit. po Pol. (1a)	Novaya literatura po Pol'she [New Literature on Poland]	Rad. shk. (1a)	Radiatsionnaya shkola [Soviet School]
Nov. mir (11b)	Novyi mir [The New World]	Radiotekh. i elektron. (16a)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Nov. sov. i inostr. lit. po stran. Azii i Afr. (1a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]	Rastenievodstvo (16d)	Rastenievodstvo [Plant Growing]
Nov. sov. i inostr. lit. po vop. ateizma i religii (1a)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]	Razved. i okh. nedr. (16h)	Razvedka i okhrana nedr. [Prospecting and Conservation of Mineral Resources]
Nov. sov. i inostr. lit. o nauke i nauch. issled. v SSSR (1a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoy rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]	Reakts. spos. org. soed. (13d)	Reaktivnyye i reaktsionnyye sposoby organizatsii soedineniy [University, Organic Reactivity]
Nov. sov. i inostr. lit. po lingv. (1a)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. i gorn. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoy transport [Journal of Abstracts: Automotive and City Transportation]
Nov. sov. i inostr. lit. po literaturovedeniyu (1a)	Novaya sovetskaya literatura po literaturovedeniyu [New Soviet Literature on the Study of Literature]	Ref. zhur. i elektrosвязи (16a)	Referativnyi zhurnal: Elektrosвязи (Otdel'nyi vypusk 64) [Journal of Abstracts: Telecommunications (Separate Issue 64)]
Nov. vrem. (1a)	Novoye vremya [New Times]	Ref. zhur. i fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Obeg. rad (16b)	Obogashcheniye rad [Ore Dressing]	Ref. zhur. i Komm. i byt. i torg. obozr. (16g)	Referativnyi zhurnal: Kommunal'noye, bytovoe i torgovoe oborudovaniye (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Obshch. vop. - evol. paleontol. (16c)	Obshchie voprosy evolyutsionnoy paleontologii [General Problems in Evolutionary Paleontology]	Ref. zhur. i Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Obshchestv. nauki v Uz. (1a)	Obshchestvennyye nauki v Uzbekistane [Social Sciences in Uzbekistan]	Ref. zhur. i Zhel. dor. transp. (16g)	Referativnyi zhurnal: Zheleznodorozhnyy transport [Journal of Abstracts: Railroad Transportation]
Oktyabr' (11b)	Oktyabr' [October]	Ref. zhur. i Zhiv. Vet. (16b)	Referativnyi zhurnal: Zhivotnovodstvo. Veterinariya (Otdel'nyi vypusk 66) [Journal of Abstracts: Animal Husbandry, Veterinary Medicine (Separate Issue 66)]
Parazitologiya (13c)	Parazitologiya [Parasitology]	Sakh. prom. (16d)	Sakharovaya promyshlennost' [Sugar Industry]
Pliz. v red. zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noy i teoreticheskoy fiziki, Plizma v redaktsii [Journal of Experimental and Theoretical Physics. Letters to the Editors]	Sbor. nauch. rab. Soob. opyt. sta. subtrop. i tush. plod. kul't. (16d)	Soobshchaya opytelnaya stantsiya subtropicheskikh i lesnykh plodovykh kul'tur, Soobshchaya nauchnykh rabot [Sochi Experimental Station in Subtropical and Southern Fruit Crops, Papers]
Plan. khoz. (16b)	Plannoye khozaystvo [Planned Economy]	Sbor. nauch. trud. po lesospl. (16a)	Lezgrad. Tsentral'nyi nauchno-issledovatel'skiy institut lesosplavy. Soobshchaya nauchnykh trudov po lesosplavu [Central Scientific Research Institute of Timber Floating, Collected Papers on Timber Floating]
Poluprovodn. i mikroelek. (16a)	Poluprovodnikovaya tekhnika i mikroelektronika [Semiconductors and Microelectronics]	Sbor. nauch. trud. Vologod. gos. sel'khoz. opyt. st. (16a)	Vologodskaya gosudarstvennaya sel'skokhozyaystvennaya opytelnaya stantsiya. Soobshchaya nauchnykh trudov [Vologda State Agricultural Experimental Station, Collected Papers]
Prib. i sist. spr. (16a)	Pribory i sistemy upravleniya [Instruments and Systems of Control]	Sbor. rab. MLTI (16a)	Moskov. Lesokhishchenskiy institut, Soobshchaya rabot [Moscow Forestry and Lumbering Institute, Papers]
Priborostroyeniye (16g)	Priborostroyeniye [Instrument Manufacture]	Sbor. st. VI razr. prog. MGG, Moia. akt. (13f)	Akademika nauk SSSR, Mezhvedomstvennyy nauchno-issledovatel'skiy komitet, VI razdel programmy MGG, Soobshchaya st. [Academy of Sciences of the U.S.S.R., Interdepartmental Geophysical Committee, 6th Section of the KUY Program: Solar Activity, Papers]
Pril. mekh. (16g)	Prilozheniya matematiki [Applied Mathematics]	Sbor. st. IX razr. prog. MGG, Glits. (13b)	Akademika nauk SSSR, Mezhvedomstvennyy nauchno-issledovatel'skiy komitet, IX razdel programmy MGG, Soobshchaya st. [Academy of Sciences of the U.S.S.R., Interdepartmental Geophysical Committee, 9th Section of the KUY Program: Glaciology, Papers]
Prim. ultrazvuk. i issl. veshch. (13f)	Primeneniye ultrazvuk. i issledovaniya veshchestva [Use of Ultrasound Waves for the Study of Matter]	Sbor. trud. IOMIK (16a)	Institut gor. mekhaniki i tekhnicheskoy kibernetiki, Soobshchaya trudov [Institute of Mining Engineering and Applied Cybernetics, Papers]
Prirada (13a)	Priroda [Nature]	Sbor. trud. LIIHT (16d)	Lezgrad. Institut inzhenerov zheleznodorozhnogo transporta, Soobshchaya trudov [Institute of Railroad Transportation Engineers, Papers]
Probl. Arkt. i Antarkt. (12b)	Problemy Arktiki i Antarktidy [Problems of the Arctic and the Antarctic]	Sbor. trud. po ag. ron. fiz. (16a)	Sobremennyye trudov po agrometeorologicheskoy fizike [Papers on Agricultural Meteorological Physics]
Probl. fiz. atm. (13f)	Problemy fiziki atmosfery [Problems of the Physics of the Atmosphere]	Sbor. trud. vrach. Pribalt. shkol. dor. (14a)	Pribaltiskaya shkolnaya doroga, Vrach. i med. shkolnaya doroga, Soobshchaya trudov vrach. dorogi [Baltic Area Railroad, Medical-School Service, Papers of the Railroad's Doctors]
Probl. inzh. psikh. (12a)	Problemy inzhenernoy psikhologii [Problems in Engineering Psychology]	Sel'khoz. lit. SSSR (16a)	Sel'skokhozyaystvennaya literatura SSSR [Agricultural Literature of the U.S.S.R.]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]		

Shakht. stroi. (16b)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy Inst. ekol. res. i shirota. (13c)	Akademiya nauk SSSR, Ural'skii filial, Sverdlovsk. Inst. ekologii rastenii i zhivotnykh. Trudy [Academy of Sciences of the U.S.S.R., Ural Branch, Institute of Plant and Animal Ecology, Transactions]
Soob. AN Gruz SSR (1a)	Akademiya nauk Gruzskoi SSR, Tbilis. Sovetskaiia [Academy of Sciences of the Georgian S.S.R. Reports, Russian language edition]	Trudy Inst. mol. (18b)	Sverdlovsk. Institut metallurgii. Trudy [Institute of Metal- lurgy, Transactions]
Sots. obesp. (5a)	Sotsial'noe obespachenie [Social Security]	Trudy KF VNI (16b)	Vsesoiuznyi nauchnoissledovatel'skii tsentr Krasnodarskii filial. Trudy [All-Union Scientific Re- search Institute of Petroleum and Mineral Gas, Kras- nodar Branch, Transactions]
Sots. trud (8d)	Sotsialisticheskiy trud [Socialist Labor]	Trudy Kish. sel'khoz. inst. (16a)	Kishinev. Sel'skokhozyaistvennyi Institut im. M.V. Iordani Trudy [M.V. Iordani Agricultural Institute, Trans- actions]
Sov. arkhcol. (4b)	Sovetskaya arkhologiya [Soviet Archaeology]	Trudy Komi fil. AN SSSR (1a)	Akademiya nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R., Komi Branch, Transactions]
sov. geol. (13c)	Sovetskaya geologiya [Soviet Geology]	Trudy koord. soveshch. po gidrotekh. (16d)	Trudy koordinatsionnykh soveshchaniy po gidrotekhn. [Transactions of Coordinating Meetings on Hydrotechnology]
Sov. mas. (9b)	Sovetskaya massy [Soviet Masses]	Trudy LTA (16f)	Leningrad. Leningradskaya akademiya. Trudy [Academy of Wood Technology, Transactions]
Sov. profsoyuz (8d)	Sovetskie profsoyuzy [Soviet Trade Unions]	Trudy Mat. inst. (13a)	Akademiya nauk SSSR. Matematicheskiy Institut. Trudy [Academy of Sciences of the U.S.S.R., Mathematical Institute, Transactions]
Sov. shakht. (16b)	Sovetskii shakhter [Soviet Miner]	Trudy NIIVTa (17b)	Moskovskiy Institut inzhenerov vodnogo transporta. Trudy [Institute of Water Transportation Engineers, Trans- actions]
Sovrem. psikhotrop. sred. (14f)	Sovremennyye psikhotropnyye sredstva [Modern Psychotropic Measures]	Trudy OMI (14a)	Onskiy. Meditsinskii Institut. Trudy [Medical Institute, Transactions]
Stal. i instr. (16g)	Stal' i instrument [Machine Tools and Cutting Tools]	Trudy Old. geol. Bariat. fil. SO AN SSSR (18a)	Akademiya nauk SSSR. Sibiriyskoe otdeleniye. Sibiriyskii filial, otdel geologii. Trudy [Academy of Sciences of the U.S.S.R., Siberian Department, Sibiriyskii Branch, Division of Geology, Transactions]
Stand. i kach. (16a)	Standarty i kachestvo [Standards and Quality]	Trudy 1-ge MMI (14a)	Moskovskiy. Periyodicheskiy Institut. Trudy [First Medical Institute, Transactions]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Trudy RIIMHT (18g)	Rostov-na-Donu. Institut inzhenerov shiashchegoprois- tva. Trudy [Institute of Engineers of Shipbuilding and Transportation, Transactions]
Stroi. i arkhil. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]	Trudy SNIIGIIMS (18e)	Sibirskiy nauchno-issledovatel'skii Institut geologii, ge- ologii i rudoobrazovaniya. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources, Transactions]
Stroi. i dor. mash. (16g)	Stroitel'stvo i dorozhnyye mashiny [Construction and Road Machinery]	Trudy Sem. "Vizn. tekhnol. vop. kib." (13e)	Seminar "Fiziko-tekhnologicheskie voprosy kibernetiki. Trudy [Seminar "Physico-technological Problems in Cybernetics," Transactions]
Stroi. mekh. i rassh. soor. (18d)	Stroitel'naya mekhanika i rasshet sooruzhenii [Structural Mechanics and Construction Calculations]	Trudy Sem. "Met. mat. mod. i teor. elek. tsep." (16a)	Seminar "Metody matematicheskogo modelirovaniya i teoriya avtomaticheskikh tsifrov." Trudy [Seminar "Methods of Mathematical Modeling and Theory of Mathematical Modeling and Theory of Automatic Digital Systems," Transactions]
Stroi. truboprov. (18d)	Stroitel'stvo truboprovodov [Pipeline Construction]	Trudy Sem. "Mek. probl. biokib., prim. elektron. v biol. i med." (16a)	Seminar "Mekhanicheskiye problemy biokibernetiki, primeneniye elektroniki v biologii i meditsine." Trudy [Seminar "Mechanical Problems of Biocybernetics and the Use of Electronics in Biology and Medicine," Transactions]
Sudost. i mor. soor. (17b)	Sudostroyeniye i morskoye sooruzheniye [Shipbuilding and Marine Structures]	Trudy Sem. "Rasp. obr. i konstr. chit. avt." (13a)	Seminar "Rasporyazheniye obratov i konstruirovaniye chit- shchikh avtomatov." Trudy [Seminar "Disposition of Samples and Building Reading Machines," Transactions]
Svar. proizv. (16f)	Svartchnyye proizvodstvo [Welding Practice]	Trudy Sem. "Spets. elek. tron. mod. mash. i ostr." (16a)	Seminar "Spetsializirovannyye elektronnyye modelirovannyye mashiny i ustroystva." Trudy [Seminar "Specialized Electronic Modeling Machines and Apparatus," Trans- actions]
Svod. bliz. nov. inost. kalg. Ser. B (2a)	Svodnyy spetsial'nyy spetsial'nyy kalg, postoyannyykh v bibliotekakh SSSR, Seriya B. Obshchestvennyye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R., Series B. Social Sciences]	Trudy Sem. "Tekh. sredstv. stat. obr. dan., spr. i ism." (16a)	Seminar "Tekhnicheskyye sredstva statisticheskogo obrabotki, upravleniya i izmereniya." Trudy [Seminar "Technical Equipment of Data Processing, Control and Measurement Systems," Transactions]
Tekst. prom. (18f)	Tekstil'naya promyshlennost' [Textile Industry]	Trudy Sem. "Teor. avtomat. i met. formal. stat. vych. mash. i stat." (16a)	Seminar "Teoriya avtomatov i metody formalizatsii sistem vychislitel'nykh mashin i sistem." Trudy [Seminar "Theory of Automata and Methods of Formal- ized Synthesis of Computers and Computing Systems," Transactions]
Teor. i tekhn. radiolok. (16b)	Teoriya i tekhnika radiolokatsii; Trudy Instituta [Theory and Techniques of Radar, Transactions of the Institute]	Trudy Sem. "Teor. avtomat. spr." (16a)	Seminar "Teoriya avtomaticheskogo upravleniya." Trudy [Seminar "Theory of Automatic Control," Trans- actions]
Teplotekhnika (16g)	Teplotekhnika [Heat Engineering]	Trudy Sem. "Teor. lozhn. i zad. kib. sist." (13a)	Seminar "Teoriya lozhn. i zad. kiberneticheskikh sistem." [Trudy, Seminar "Theory of Assumed and Reliability in Cybernetic Systems," Transactions]
Teplotika vysok. temperat. (13f)	Teplotika vysokikh temperatur [Thermophysics of High Temperatures]		
Transport. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Trans- portation Industry]		
Trudy Alma- Ata. gos. med. inst. (14a)	Alma-Atinskii gosudarstvennyi meditsinskii Institut. Trudy [Alma-Ata State Medical Institute, Transactions]		
Trudy AN Lit. SSR. Ser. B (1a)	Litovskaya SSR. Mokslas akademija, Vilnia. Darbai, Seriya B. Trudy Akademii nauk Litovskoi SSR, Seriya B. [Academy of Sciences of the Lithuanian S.S.R., Transactions, Series B]		
Trudy Arm. MILVP10 (16d)	Armenitskii nauchno-issledovatel'skii Institut vodnykh problem i gidrotekhniki. Trudy [Armenian Research Institute for Water Management and Hydrotechnology, Transactions]		
Trudy BSKHA (16a)	Gorki (Mgilevskaya oblast') Belorusskaya akademiya sel'skoye khozyaystva. Trudy [White Russian Academy of Agriculture, Transactions]		
Trudy Fiz. inst. (18f)	Akademiya nauk SSSR. Fizicheskii Institut. Trudy [Academy of Sciences of the U.S.S.R., Institute of Physics, Trans- actions]		
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaya observatoriya. Trudy [Main Geophysical Observatory, Transactions]		
Trudy GIDUV (14a)	Leningrad. Gosudarstvennyi Institut usovershennost' v vychislitel'nykh mashinakh. Trudy [Institute of Perfection in Computing Machines, Transactions]		
Trudy INEA (13d)	Moskovskiy Vsesoiuznyi nauchno-issledovatel'skii Institut kiberneticheskikh resheniy i osobo shirokikh vychislitel'nykh Trudy [All-Union Scientific Research Institute of Chemical Reagents and Analytically Pure Substances, Transactions]		

Trudy Sem. "Vop.teor. KTBMM" (10a)	Seminar "Voprosy teorii elektronnykh tsifrovyykh ma- shin" (Seminar "Problems Related to the Theory of Electronic Digital Mathematical Ma- chines," Transactions)	Ukr khim zhur (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Trudy Soim- MerKIPro- ekt (17b)	Moscow, Gosudarstvennyi prestino-konstruktorskii i issledovatel'skii institut avtomatizirovannogo transpor- ta. Trudy [State Design and Scientific Research In- stitute of Marine Transportation, Transactions]	Uzb.khim zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy TPI Ser. A. (10a)	Tallinn, Politehniline institut, Toimetised, Seriya A. Trudy Tallinskogo politehnicheskogo instituta [Polytechnic Institute, Studies]	Ved. Verkh. Sov. RSFSR (6)	Russia (BY - R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]
Trudy TSNIDI (14g)	Moscow, Tsentral'nyi nauchno-issledovatel'skii dizain- skiy institut. Trudy [Central Scientific Research Institute of Dislocation, Transactions]	Vest. dermat. ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Trudy TSNII MPB (10g)	Moscow, Vsesoyuznyi nauchno-issledovatel'skii institut avtomatizirovannogo transporta. Trudy [All-Union Sci- entific Research Institute of Railroad Transportation, Transactions]	Vest. LGU (1a)	Leningrad, Universitet, Vestnik [University, Review]
Trudy TSNIIHYT (17b)	Moscow, Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportation, Transactions]	Vest. mashino- str. (10g)	Vestnik mashinostroeniia [Machinery Manufacture Review]
Trudy TSNIL NOMI (14a)	Novosibirsk gosudarstvennyi meditsinskii institut, Tsentral'naya stantsionno-issledovatel'skaya laboratoriya, Trudy [Novosibirsk State Medical Institute, Central Research Laboratory, Transactions]	Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow, Universitet, Vestnik, Seriya 3: Fizika, astro- nomiya [University, Review, Series 3: Physics, Astro- nomy]
Trudy TomNIIVS (14a)	Tomsk, Nauchno-issledovatel'skii institut fizika i syrrovotok. Trudy [Scientific Research Institute of Vaccines and Sera, Transactions]	Vest. Mosk. un. Ser. 6: Biol., pozhv. (13a)	Moscow, Universitet, Vestnik, Seriya 6: Biologiya, pozhivovedeniye [University, Review, Series 6: Biology, Soil Science]
Trudy Ural. politekh. inst. (10a)	Sverdlovsk, Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnical Institute, Transactions]	Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhozyaystvennoi nauki [Review of Agri- cultural Science]
Trudy Velikolu- sel'skokhoz. inst. (15a)	Velikolukhskii sel'skokhozyaystvennyi institut. Trudy instituta [Velikoye Luko Agricultural Institute, Transactions of the Institute]	Vest. stat. (15b)	Vestnik statistiki [Statistical Review]
Trudy Vych. tsentra Tsi- gos. un. (13a)	Tartu, Ul'dmool, Vychislitel'nyi tsentr. Trudy [University, Computation Center, Transaction]	Vest. aviatsi- (10a)	Vestnik aviatsii [Aeronautics Review]
TSement (10d)	TSement [Cement]	Vest. AM BSSR. Ser. khim. nav. (13d)	Akademiya nauk BSSR, Khim. Vestn. Seriya khimicheskikh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin, Series in the Chemical Sciences]
TSir, Astron. inst. AN U.S. SSR (13b)	Academiya nauk Uzbekskoi SSR, Tashkent, Astronomiches- kii institut, Tashkent [Academy of Sciences of the Uzbek S. S. R., Astronomical Institute, Circular]	Viznyk Kyiv. un. Ser. fiz. i khim. (13f)	Kiev, Universitet, Viznyk, Seriya fizyka i khimiya [University, Review, Series in Physics and Chemistry], in Ukrainian.
TSir, Tashk. astron. obs. (13b)	Tashkent, Astronomicheskaya observatoriya, Tashkent [Astronomical Observatory, Circular]	Viznyk Kyiv. un. Ser. geol. i geob. (13a)	Kiev, Universitet, Viznyk, Seriya geologiya i geografiya [University, Review, Series in Geology and Geography]
TSitologiya (13a)	TSitologiya [Cytology]	Viznyk LPI (10a)	L'vov, Politehnicheskii institut, Viznyk [Polytechnic Institute, Review]
Uch. zap. AGU. Ser. khim. nauk (13d)	Baku, Azerbaidzhan'skii gosudarstvennyi universitet, Uchenye zapiski, Seriya khimicheskikh nauk [Azerbaijan State University, Studies, Series in the Chemical Sci- ences]	Viznyk L'viv. un. Ser. ist. (14a)	L'vov, Universitet, Viznyk, Seriya istoriya [University, Review, Historical Series]
Uch. zap. Dal'ne- voz. gos. un. (1a)	Vladivostok, Dal'nevostochnyi universitet, Uchenye zapiski [Far Eastern University, Studies]	Vop. ekon. (15b)	Voprosy ekonomiki [Problems of Economics]
Uch. zap. KBMI (1a)	Makhik, Kabardino-Balkarskii nauchno-issledovatel'skii institut, Uchenye zapiski [Kabardino-Balkar Scientific Research Institute, Studies]	Vop. geol. i metod. raz- ved. kol. (10h)	Voprosy geologii i metodiki razvedki kolkov [Problems Relating to the Geology of, and Surveying Methods for, Gold]
Uch. zap. Kish. un. (1a)	Kishinev, Universitet, Uchenye zapiski [Univer- sity, Studies]	Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chem- istry]
Uch. zap. LGU (1a)	Leningrad, Universitet, Uchenye zapiski [University, Studies]	Vrach. delo (14a)	Vrachebnoye delo [Medical Practice]
Uch. zap. Latv. gos. un. (1a)	Riga, Universitats, Zinatlatku raksti, Uchenye zapiski Latvianskogo gosudarstvennogo universiteta [University, Studies]	Vych. tekhn. v mash. (10a)	Vychislitel'naya tekhnika v mashinostroyeni [Computers in Machine-Building]
Uch. zap. MGPI (1a)	Moscow, Moskovskii gosudarstvennyi pedagogicheski institut, Uchenye zapiski [Moscow, State Pedagogical Institute, Studies]	Vysokom. soed. Ser. A (13d)	Vysokomolekulyarnyye soedineniya. Seriya A [Macromolecular Compounds, Series A]
Uch. zap. Nov. gos. ped. inst. (1a)	Novgorodskii gosudarstvennyi pedagogicheski institut, Uchenye zapiski [Novgorod State Pedagogical In- stitute, Studies]	Za tekhn. prog. (10a)	Za tekhnicheskii progress [For Technological Progress]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad, Gosudarstvennyi pedagogicheski institut imeni A. I. Gertsena, Uchenye zapiski [A. I. Herzen State Pedagogical Institute, Studies]	Zav. Lab. (10b)	Zavodskaya laboratoriya [The Factory Laboratory]
Uch. zap. Perm. gos. un. (1a)	Perm, Universitet, Uchenye zapiski [University, Studies]	Zem. kora i deiatel'nost' chelovek. (13a)	Zemelnaya kora i deiatel'nost' cheloveka [Earth Crust and Human Activities]
Uch. zap. Perm. ped. inst. (1a)	Perm, Pedagogicheski institut, Uchenye zapiski [Peda- gogical Institute, Studies]	Zhel. dor. transp. (10g)	Zhelezнодорожный transport [Railroad Transportation]
Uch. zap. Pskov. gos. ped. inst. (1a)	Pskov, Gosudarstvennyi pedagogicheski institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Zhil. stroit. (10d)	Zhiliщное stroitel'stvo [Housing Construction]
Uch. zap. RPI (1a)	Rybinsk, Gosudarstvennyi pedagogicheski institut, Uche- nye zapiski [State Pedagogical Institute, Studies]	Zhur. anal. khim. (13 d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Uch. zap. RPI (10a)	Riga, Politehnicheskii institut, Zinatlatku raksti, Uchenye zapiski Rinskogo politehnicheskogo instituta [Poly- technic Institute, Studies]	Zhur. evol. biokhim. i fiziol. (13a)	Zhurnal evolyutsionnoi biokhimi i fiziologii [Journal of Evolutionary Biochemistry and Physiology]
Uch. zap. TGU (1a)	Tomsk, Universitet, Uchenye zapiski [University, Studies]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chem- istry]
Ugol' Ukr. (10h)	Ugol' Ukrainy [Coal of the Ukraine]	Zhur. ob. khim. (10d)	Zhurnal obshchei khimii [Journal of General Chemistry]
		Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chemistry]
		Zhur. strukt. khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chem- istry]
		Zhur. tekhn. fiz. (10a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
		Zool. zhur. (10a)	Zoologicheskii zhurnal [Zoological Journal]

PART C

List of Periodicals Indexed and Abbreviations Used

0. GENERALITIES

002 Documentation and information retrieval. Publications

- Kabakov, B. A. - New trends in standards of the Standardized System of Engineering Documentation. *Stand. i tekhn.* 33 no. 11:55-58 M '68.
- Kharitonov, R. P. - Forum and methods of customer information service on standards and technical specifications provided by the system of Documentation on Engineering Standards. *Stand. i tekhn.* 33 no. 11:57-60 M '68.
- Orlova, I. P. - Universal scientific libraries as a part of the nationwide system of scientific information: introduction to the problem. *Bibliot. zhurn.* no. 37:166-178 '68.
- Shoyev, M. V. - Standards for signal information cards should be worked out. *Stand. i tekhn.* 33 no. 11:64 M '68.

008 (474.3) - Latvian S. S. R.

- Papendika, B. E. - Informational work of the scientific libraries of the Latvian S. S. R. *Bibliot. zhurn.* no. 37:121-123 '68.

008 (474.3) Documentation Latvia

01 Bibliography

- [Book chronicle] *Kritika*, let. no. 2 '68.
- [Chronicle of reviews] *Lit. rev.* no. 11 M '68.
- [New books of the U. S. S. R.] *Nov. knigi SSSR* no. 2 Ja '68.
- [New foreign books. Series V: Biology, medicine, agriculture] *Nov. knigi za rub. Ser. V Biol., med., sel', khoz.* 13 no. 13 D '68.
- [New foreign books on the social sciences; economics, philosophy, history, international relations] *Nov. knigi za rub. po obshchestv. naukam; ekon., filoz., ist., mezhdunar. otn.* 11 no. 13 D '68.
- [New foreign literature on history, archaeology, and ethnography] *Nov. knigi izn. po ist., arheol. i etn.* no. 10 '68.
- [New Soviet literature on sciences and general research in the U. S. S. R.] *Nov. sov. lit. o nauk i nauch.-issled. rab.* v SSSR no. 10 '68.

- 01 (470.104) - Capitalist countries of the world
Bukharin, N. R. - Centralized classification in foreign countries. Some problems concerning its organization, theory, and methods. *Bibliotekov. i bibl. za rub.* no. 34: 3-21 '68.

- 01 (431) - German Democratic Republic
[New literature on the German Democratic Republic] *Nov. lit. po Ger. Dem. Resp.* no. 10 '68.

- 01 (437) - Czechoslovakia
Kováč, B. - New objectives of Czechoslovak national bibliography. *Bibliotekov. i bibl. za rub.* no. 34:44-52 '68.

- 01 (438) - Poland
[New literature on Poland] *Nov. lit. po Pol'* no. 10 '68.

- 01 (437.1) - Yugoslavia
[New literature on Yugoslavia] *Nov. lit. po Jug.* no. 10 '68.

- 01 (8) - Asia
[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* no. 10 '68.

- 01 (8) - Africa
[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* no. 10 '68.

01.1 Bibliographies on philosophy

- [New foreign literature on philosophy] *Nov. inostr. lit. po filoz.* no. 11 '68.

01.2 Bibliographies on religion

- [New Soviet and foreign literature on the problems of atheism and religion] *Nov. sov. i inostr. lit. po vop. ateiz. i rel.* no. 10 '68.

01.3 Bibliographies on social sciences, law, military and moral sciences, education

- New books. *Aptika* no. 23:64 M '68.
- New books. *Kommunist* 44 no. 16:186 O '68.
- [New foreign economic literature] *Nov. inostr. ekon. lit.* no. 10 '68.
- [Union list of new foreign books, received by the libraries of the U. S. S. R. Series B: Social sciences] *Svod. kniz. nov. inostr. knig, postip. v bibl. SSSR. Ser. B: Obshchestv. nauki* no. 8 '68.

01.4 Bibliographies on philology and language

- [New foreign literature on linguistics] *Nov. inostr. lit. po ling.* no. 10 '68.

01.5 Bibliographies on mathematics and natural sciences

- Bibliography. *Inform. i vid. Sov. i inostr. eksp.* no. 70:84-85 '68.
- Literature on geology received by the Library of the Department of Earth Sciences of the Academy of Sciences of the U. S. S. R. In August 1968. *Liv. AN SSSR. Ser. geol.* no. 11:118-120 '68.
- New books published by "Akademik", Moscow. *Kn. no. 4:588-591 D '68.*

01.6 Bibliographies on applied sciences, medicine, technology

- [Agricultural literature of the U. S. S. R.] *Sel'khoz. lit. SSSR* nos. 10, 12 '68.
- Kutikov, I. O. - Information and technical progress. *Ugol' Ukr.* 13 no. 50-51 O '68.
- Lozov, B. F. - Boris Chernomirskiy Anna's, a scholar, teacher and organizer of sciences on his 60th birthday. *Uch. zap. LGU* no. 34:13-14 '68.
- Nevskii, V. A. - Bibliography. *Vest. drev. i nov. 30* no. 11:72-75 D '68.
- New books. *Lit. protiv.* no. 3:48-p. 3 of cover, M '68.
- New books on forestry production. *Lit. protiv.* no. 3:3 of cover M '68.
- Russian and foreign literature on ore dressing. *Obog. rud* 18 no. 1:58-60 '68.
- V. T. - Soviet inventions in welding techniques. *Sver. protiv.* no. 6:62 Ag '68.

01.8 Bibliographies on literature

- Bukharina, L. V. - Books on the history of Ukrainian literature published in 1968. *Rud. lit.* 10 no. 6:86-92 Ja '68.
- [New Soviet literature on the study of literature] *Nov. sov. lit. po lit.* no. 10 '68.

02 Libraries. Librarianship

- Bukharina, L. V., Medvedeva, M. B., Nebelova, M. B. - Meetings of Polish and Soviet librarians. *Bibliotekov. i bibl. za rub.* no. 34:44-52 '68.
- Brief news on preparations for the anniversary of Soviet rail. *Bibliot. zhurn.* no. 37:138-143 '68.
- Fonotov, G. P. - Soviet librarians in the German Democratic Republic. *Bibliotekov. i bibl. za rub.* no. 34:53-56 '68.
- Orlova, I. P. - Universal scientific libraries as a part of the nationwide system of scientific information: introduction to the problem. *Bibliot. zhurn.* no. 37:166-178 '68.
- Sokolov, A. X. - Ways of centralizing a network of public libraries under modern conditions. *Bibliot. zhurn.* no. 37: 80-83 '68.

02 (470.104) - Capitalist countries of the world

- Bukharina, N. R. - Centralized classification in foreign countries. Some problems concerning its organization, theory, and methods. *Bibliotekov. i bibl. za rub.* no. 34: 3-21 '68.

02 (431) - German Democratic Republic

- Fonotov, G. P. - Soviet librarians in the German Democratic Republic. *Bibliotekov. i bibl. za rub.* no. 34: 53-56 '68.

02 (438) - Poland

- Bukharina, L. V., Medvedeva, M. B., Nebelova, M. B. - Meetings of Polish and Soviet librarians. *Bibliotekov. i bibl. za rub.* no. 34:44-52 '68.
- Makaryev, K. - Public libraries in Poland and the development of the audio-visual media of the publication of literary works. *Bibliotekov. i bibl. za rub.* no. 34:63-65 '68.
- Viginskaya, M. - Cooperation among the central libraries of institutions of higher agricultural education in the USSR. *Bibliotekov. i bibl. za rub.* no. 34:66-73 '68.

02 (471) - Russian Soviet Federated Socialist Republic (U. S. S. R.)

- Maksimovskaya, L. K. - Role of republic libraries in the organization of work with children and the adult literature. *Bibliot. zhurn.* no. 37:147-150 '68.

02 (471.322) - Lipetsk Province

- Likhovaya, S. M. - System of centralized libraries in Lipetsk Province. *Bibliot. zhurn.* no. 37:101-106 '68.

02 (471.61) - Rostov Province

- Pashinova, V. F. - Work of libraries under conditions of centralization. *Bibliot. zhurn.* no. 37:181-188 '68.

02 (474.3) - Latvian S. S. R.

- Papendika, B. E. - Informational work of the scientific libraries of the Latvian S. S. R. *Bibliot. zhurn.* no. 37:121-123 '68.

02 (477) - Ukrainian S. S. R.

- Likhovetskaya, L. V. - Coordination of library work in provinces: work experience of libraries in the republic of the Ukraine. *Bibliot. zhurn.* no. 37:181-188 '68.

02 (478.33) - Georgian S. S. R.

- Korakvili, Y. K. - Library work in the Georgian S. S. R. *Bibliot. zhurn.* no. 37:181-188 '68.

02 (487.1) - Yugoslavia

- Medvedeva, M. B. - Children's libraries in Yugoslavia. *Bibliotekov. i bibl. za rub.* no. 34:74-83 '68.

02 (487.3) - Bulgaria

- Dafinov, Z. - Some problems in the organization of libraries of institutions of higher education in Bulgaria. *Bibliot. i bibl. za rub.* no. 34:83-85 '68.

02 (474) - Kazakh S. S. R.

- Danileva, N. K., Shumakova, M. M. - Development of library work in Soviet Kazakhstan. *Bibliot. zhurn.* no. 37:4-39 '68.

02 (475.1) - Uzbek S. S. R.

- Sokolova, V. V. - Organizational and methodological work of the Library of the Uzbek S. S. R. renewed after the war. *Bibliot. zhurn.* no. 37:89-97 '68.

02 (475.3) - Tajik S. S. R.

- Tal'manova, R. O., Rodenko, M. A. - Development of library work in Tajikistan during the Soviet regime. *Bibliot. zhurn.* no. 37:33-47 '68.

028 Reading. Advice for readers

- Shkova, M. M. - Guide for out-of-class reading of books on nature (from work experience). *Uch. zap. Ped. inst. Gork.* 33:164-171 '68.
- Koslov, V. P. - Some means of improving reading books. *Knizh. skola* 26 no. 10:39-33 O '68.
- Shkova, M. M. - Lessons in out-of-class reading. *Knizh. skola* 26 no. 10:33-43 O '68.

028 (438) - Poland

- Makaryev, K. - Public libraries in Poland and the development of the audio-visual media of the publication of literary works. *Bibliotekov. i bibl. za rub.* no. 34:63-65 '68.

66 Periodicals. Reviews

- Abafkin, I. - Students fill-up the questionnaire. *Nashob. dok. vys. shkoly, nauk* 11 no. 12:108-111 '85.
- Dyakshenko, G. - Through the pages of the periodical "Russkaya raznitsa". *Dokl. vosp.* 41 no. 6:88-89 '85.
- Polkov, V. V. - History of the publication of the periodical "Znanost". *Uch. zap. Ped. inst. Gork.* 221:250-253 '87.
- Topic outline for 1988 of the "Textile Industry" periodical. *Tekstil. prom.* 2A no. 12:6-7 D '85.

66.06 Exhibitions, competitions, excursions

- Arkhivov, I., and others. - Members of the jury speak. *Sov. nauk* 30 no. 11:77-87 '84.
- Krenov, K. V. - New regulation concerning the participants to the Exhibition of Achievements of the National Economy of the U.S.S.R. and their awards. *Tranzp. stroit.* 16 no. 11:3 D '85.
- Kudryav, N. - Exhibition of creative work of young people. *Avi. transp.* 40 no. 10:87 '85.
- Kuleshin, V. M. - Exhibition on the Tiber. *Atom. energ.* 28 no. 5:27-249 D '84.
- Kozlov, V. A. - Exhibition of Bulgarian Machine-tool Industry. *Vest. mashinostr.* 48 no. 13:78 D '85.
- Kozlov, V. A. - Exploratory drilling equipment at the Exhibition of Achievements of the National Economy. *Vest. mashinostr.* 48 no. 11:80 M '84.
- Kryukovskiy, L. - On a visit to the "possessed". *Sov. shkola.* 17 no. 11:19-20 M '85.
- Plavitskiy, R. M. - "Artists of the Ukraine for the Lenin Komsomol". *Rad. shk.* 47 no. 10:39-43 O '85.
- Shustov, M. D. - Interbytnash-85. *Mashinostr. i av. transp.* 40 no. 10:38-40 O '85.
- Torshchikov, R. I., Polotskiy, M. L. - Monmetal piping at an international exhibition. *Mosk. i spets. rab. v stroit.* 28 no. 12:23-25 F '85.
- There are up-to-date businessmen on the stands. *Mosk. i spets. rab. v stroit.* 28 no. 6:33-35 '85.
- Tokilov, I. M. - At an industrial exhibition in Great Britain. *Priborostroyeniye* no. 12:30-30 '85.
- Charov, M. T. - World Forestry Exhibition. *Lit. protiv.* no. 3:10-22 Nr '83.

66.09 Historic, biennial, commemorative celebrations

- Shchegolev, V. S. - Alignment with communists. *Rad. shk.* 47 no. 10:21-23 O '85.
- Strides of the October Revolution. *Rad. shkol. i spets. rab. v stroit.* 28 no. 11:3-5 M '85.
- Tikhonov, M. - Unity of goal, unity of action. *Mar. obr.* no. 10:18-14 O '85.

66.10 Inventions, innovations, congresses, etc.

- A. L. Dneprov and economists. *Vop. ekon.* no. 11:83-155 Ja '85.
- Aulin, K. P., Prokhorovskiy, G. R. - Second All-Union Conference on Experimental Planning. *Mav. lab.* 3:1 no. 10:1270 '84.
- Akimen, I. U. K., and others. - Symposium on electronic devices of linear spectroscopy. *Atom. energ.* 28 no. 5:443-444 D '85.
- Arushin, G. V., Karikhanov, R. A. - Fourth International Congress on Catalysis. *Prilozh. k. Zh. fiz. khim.* no. 11:78-84 '85.
- Bobkov, A. L. - The Designproekt helps the coal miners of the Donetsk Basin. *Ugol' Ukr.* 12 no. 10:1-5 O '85.
- Butyr, D. G. - The Second Moldavian Conference of General and Applied Chemistry. *Izv. AN Mold. SSR* no. 11:101-103 '85.
- Bordyev, O. - Conference on the problems of the archaeology of Central Asia. *Izv. AN BSSR. Ser. obshchestv. nauk* no. 4:91-99 '84.
- Bobrov, F. V., Bobkov, V. A. - Scientific conferences of young specialists. *Stroitel. mekh. i razv. stroit.* 10 no. 5:3-4 '85.
- By the efforts of scientists and practitioners. *Sov. obshch.* 44 no. 14:41-48 Ja '85.
- Chernikov, M. P. - Plenum of the Scientific Council of the Ministry of Social Security of the R.S.F.S.R. *Problemy protsestr.* no. 6:178 '85.
- Conference on intraplan business accounting. *Plana. ekon.* 46 no. 2:63-66 F '85.
- Delegates are speaking about their friends and themselves. *Dokl. vosp.* 41 no. 6:88-74 '85.
- Derzhavskiy, B. V., Krotova, N. A., Kuznetsov, I. U. A. - Sixth Anniversary All-Union Conference on Colloidal Chemistry. *Kolloid. zh.* 30 no. 6:911-916 M-D '85.
- Eighth International Congress on Mineral Dressing. *Ugol' Ukr.* 12 no. 10:48 O '85.
- Elagin, I. M. - The all-Union scientific-methodological and coordinational conference on selection, seed growing and methods of backwheel cultivation. *Vest. sel'khoz. nauk* 13 no. 11:29-121 N '85.
- Evdorova, T. M. - Seventh International Biochemical Congress. *Mosk. dokl. vys. shkoly i biol. nauk* 11 no. 11:140-143 '85.
- Evdorova, M. - Fifth Plenum of the Ukrainian Association of Architects. *Arkhitekt. SSR* 25 no. 7:63-65 '85.
- Fedorov, V. I. - Conference of welding foremen. *Stroitel. mekh. i razv. stroit.* 10 no. 5:40 My '85.
- Filimonov, M. V. - Conference on homography. *Atom. energ.* 28 no. 5:549 D '85.

- Flaber, I. Z. - Conference on "Structure of water and aqueous solutions". *Zhur. stroit. khim.* 3 no. 6:239-240 S-O '85.
- Frank, I. L., Solovov, I. U. V. - Congress of the International Welding Institute. *Avi. transp.* 21 no. 11:74-78 M '85.
- Grigor'eva, M. G., Filina, L. A. - Seminar on the genetic bases of selection of plants and animals. *Vest. sel'khoz. nauk* 13 no. 11:136-146 M '85.
- Grishina, M. M. - Results of a scientific and technical conference held in Minsk. *Priborostroyeniye* no. 8:26 Ag '85.
- Gulidova, I. V. - Conference of the participants in the geographical network of experiments with fertilizers. *Vest. sel'khoz. nauk* 13 no. 11:125-127 N '85.
- Guseinov, D. I. U. - Second Transcaucasian Scientific Conference of Gerontologists and Geriatricians. *Azerb. med. zhur.* 45 no. 12:53-55 D '85.
- Hydrodynamic Institute of the Siberian Branch of the U.S.S.R. Academy of Sciences. *Izv. AN BSSR. Mekh. zhid. i gaz. i tekhn.* no. 7:108-109 My-Je '85.
- In the Plenum of the All-Union Academy of Agricultural Sciences "V. I. Lenin". *Vest. sel'khoz. nauk* 13 no. 11:123-125 N '85.
- In the State Committee on Construction of the Council of Ministers of the R.S.F.S.R. *Na stroit. Ros.* 9 no. 10:31 O '85.
- Institute of Mechanical Problems of the U.S.S.R. Academy of Sciences. *Izv. AN BSSR. Mekh. zhid. i tekhn.* no. 7:108-109 My-Je '85.
- Institute of Mechanical Problems of the U.S.S.R. Academy of Sciences. *Mosk. i spets. rab. v stroit.* 28 no. 3:188-191 My-Je '85.
- International conference of the observers of artificial earth satellites. *Mosk. i spets. rab. v stroit.* 28 no. 6:40-47 '87.
- International symposium. *Sov. obshch.* 44 no. 14:48-49 Ja '85.
- Ivanovich, V. - On the level of the achievements of science. *Sov. shkola.* 17 no. 11:19-20 M '85.
- Ivlev, M. M. - Methodological Conference of the participants in the geographic network of experiments with mineral fertilizers. *Agrokhimika* no. 12:123-126 D '85.
- Kazanskii, M. L. - Industrialization of electric installation operations and the quality of projects. *Mosk. i spets. rab. v stroit.* 28 no. 7:20-31 Ji '85.
- Kocherzhan, R. K. - Moscow seminar on analytical chemistry. *Zhur. anal. khim.* 23 no. 11:1754-1756 M '85.
- Kocherzhan, P. V. - Bulgarian National Conference on Diagnostic Services for Dermatological and Venereal Diseases. *Vest. derm. i ven. z.* 30 no. 7:80-80 Ji '85.
- Kurshov, A. - What is new in the organization of agricultural labor. *Sov. i spets. rab. v stroit.* 13 no. 10:74-80 O '85.
- Lashkov, A. - Seminar on the exchange of experience in controlling soil erosion. *Vest. sel'khoz. nauk* 13 no. 11:145-145 N '85.
- Lavronenko, K. D. - Seventh Congress of the World Power Conference (survey of the operation of the sections of thermal and atomic power plants). *Tekhnologiya* 15 no. 11:153-157 D '85.
- Lidov, I., Koshenkov, V. - Central Scientific and Research Institute for Automobiles and Automobile Engines. *Avi. transp.* 48 no. 10:55-59 '85.
- Makarov, B. P. - All-Union Conference on Problems of Reliability in Structural Mechanics. *Stroitel. mekh. i razv. stroit.* 10 no. 5:43-43 '85.
- Miller, B., Pollanski, V. - Important potentialities of industry. *Sov. i spets. rab. v stroit.* 13 no. 10:53-58 O '85.
- Moskalev, B. A. - Fourth International Congress on Measuring Equipment and Instrumentation. *Automatizatsiya* no. 4:121 Ji-Ag '85.
- Mukharov, A. - In the commission on tropical agriculture of the All-Union Academy of Agricultural Sciences "V. I. Lenin". *Vest. sel'khoz. nauk* 13 no. 11:127-128 N '85.
- Mosov, D. - Nobody and nothing is forgotten. *Sov. prof. sovm.* 34 no. 11:23-26 N '85.
- Obidov, I., Kristin, M. - Scientific and practical conference in Dushanbe. *Nur. obr.* no. 11:123 O '85.
- Ojla, A. S. - International Congress on Internal Combustion Engines. *Vest. mashinostr.* 48 no. 12:79 D '85.
- Plan for conducting scientific and technical conferences and meetings organized by the Central Republic and Province Boards of the Central Administration of the Scientific and Technical Society of the Instrument Industry in the second half of 1985. *Priborostroyeniye* no. 8:27-29 Ag '85.
- Polishkov, A. - Second All-Union Conference in Ulyanovsk. *Na stroit. Ros.* 9 no. 10:21 O '85.
- Problems of evolutionary physiology and biochemistry in relation to resolutions of the 2nd Congress of CPSU. *Zhur. evol. biokhim. i fiziol.* 2 no. 4:281-284 Ji-Ag '85.
- Protsenko, P. A. - Physicochemical Society of Kiev University and its role in the development of chemistry in the 20th century. *Vysnyk Kyiv. univ. Ser. Ts. i khim.* no. 6:118-124 '85.
- Rakhmanov, V. A., Antonov, A. A., Shoklov, M. D. - First Congress of Dermatologists of the German Democratic Republic. *Vest. derm. i ven. z.* 30 no. 7:84-88 Ji '85.
- Rakhmanov, V. P. - Conference on forecasting needs for manganese ores. *Sov. geol.* 11 no. 11:161-162 N '85.
- Recommendations of the All-Union Scientific and Technical Seminar Conference on the improvement of operations of technical control services at enterprises. *Russk. i knzh.* 23 no. 11:21-24 N '85.
- Report of the session of the Scientific Council dealing with "General Mechanics". *Mosk. i spets. rab. v stroit.* 28 no. 3:183 My-Je '85.

- Resolutions of the Seventh All-Union Congress of Pathologists; adopted November 27, 1984. *Probl. tab.* 43 no. 8:3-6 '85.
- Resolutions of the 28th All-Union Congress of Surgeons. *Klin. khir.* no. 9:68-69 S '85.
- Rodias, L. F., and others. - Fifth Congress of Surgeons of the White Russian S.S.R. *Khirurgiya* 41 no. 8:147-150 Je '85.
- Rozova, K. D. - Third International congress on the corrosion of metals. *Stroitel. mekh. i razv. stroit.* 10 no. 5:37-38 Ag '85.
- Second Plenary Session of the Central Administration of the Scientific and Technical Society of the Machinery Industry. *Vest. mashinostr.* 48 no. 11:81 M '85.
- Shchegolev, V. S., and others. - Third All-Union Conference on Problems in Chemical Philology. *Rad. shkol. i spets. rab. v stroit.* 28 no. 11:3-5 M '85.
- Serebrennikov, A. B. - Organization and beginning of activities of the Surgical Society of Moscow on the 90th anniversary of the Surgical Society of Moscow and Moscow Province, 1873-1963. *Khirurgiya* 41 no. 8:138-141 Je '85.
- Shalagin, B. V., Kleiner, G. V. - Conference on measurement techniques and governmental metrological supervision. *Atom. energ.* 28 no. 5:544-545 D '85.
- Shukhov, L. A. - Symposium on the biology of the skin and hair covering in animals. *Vest. sel'khoz. nauk* 13 no. 11:127 N '85.
- Shukrov, A. R., Melnikova, L. L. - Interuniversity Conference on Physical Strength of Solid Polymers. *Mosk. i spets. rab. v stroit.* 28 no. 7:80-82 '87.
- Shukrov, M. - All-Russia seminar-conference of the activists of the journal "Na stroit. Ros.". *Na stroit. Ros.* 9 no. 10:30 O '85.
- Shtrobov, V. V. - Theoretical problems of the administration of economy in the developing countries. *Vest. LGU* 22 no. 23:44-48 D '85.
- Specialists from the member countries of the Council for Mutual Economic Aid discuss the problems of the chemical industry. *Tekhnika* 34 no. 6:14 M-D '85.
- Strelin, G. S. - Symposium on "Problems of pneumatics regeneration following radiation influences". *Med. rad.* 15 no. 11:21 M '85.
- Strelin, V. A. - All-Union Scientific and Technical Conference on Statistical Methods for Determining Strength in Machinery Construction. *Vest. mashinostr.* 48 no. 11:79 M '85.
- Strelin, V. A. - At the Third All-Union Congress of Psychologists. *Sov. i spets. rab. v stroit.* 13 no. 10:101-111 O '85.
- Tadakov, K. T., Polakov, A. T. - First Congress of Surgeons of Tajikistan. *Khirurgiya* 41 no. 8:144-147 Je '85.
- Trifon, M. S. - Scientific and technical conference on underwater pipelines. *Stroitel. mekh. i razv. stroit.* 10 no. 5:38-39 Ja '85.
- Trifonov, L. A., Golodov, V. P. - At the General Assembly of the International Society on Grain Chemistry. *Mosk. i spets. rab. v stroit.* 28 no. 10:10-21 O '85.
- Twenty-Ninth All-Union Congress of Surgeons. *Klin. khir.* no. 10:83-83 O '85.
- Uglov, B. M. - International Scientific Conference. *Der. prom.* 18 no. 12:23 D '87.
- Vasiliev, K. V. - First All-Union Conference on Cutting, Welding, Hard Facing, and Metal Spraying with Coated Arc. *Sov. i spets. rab. v stroit.* 13 no. 10:54-58 Ag '85.
- Vasiliev, I. A., Koshkov, I. A. - Fifth All-Union Conference on Physicochemistry, Metallurgy, and Physical Metallurgy of Superconductors. *Atom. energ.* 28 no. 5:540-543 D '85.
- Volkov, I. M., Polotskiy, G. I. - Symposium "Regulation of metabolism in the regulation of physiological functions". *Fiziol. zhur. SSR* 64 no. 10:1333-1354 O '85.
- Zakharovich, V. O. - The Seventh Ukrainian Marxist Conference. *Rad. shkol. i spets. rab. v stroit.* 28 no. 11:3-5 M '85.

66.11 (1985) - Poland

- Chernikova, V. - Polish scientists at the White Russian Academy of Sciences. *Vest. AN BSSR. Ser. khim. i tekhn. nauk* no. 4:127-128 '85.

66.11 (1985) - White Russian S.S.R.

- Chernikova, V. - Polish scientists at the White Russian Academy of Sciences. *Vest. AN BSSR. Ser. khim. i tekhn. nauk* no. 4:127-128 '85.

66.11 (1985) - Ukrainian S.S.R.

- Shchegolev, V. S. - Primary organization of the Scientific Technical Society of the Institute. *Mashinostr. i av. transp.* 40 no. 10:38-40 O '85.
- Trifon, M. S. - Technical conference of the Khryvnyk mekh. i razv. stroit. 10 no. 5:38-39 Ja '85.

66.11 (1985) - Astrakhan S.S.R.

- Andreev, P. - From institutes and laboratories: Astrakhan scientists are creating. *Sov. shkola.* 17 no. 12:13 N '85.

67 Newspapers. Journals

- Exemplary state on part-time special correspondents of the periodical "Bystro i Krasivo". *Stand. i knzh.* 23 no. 11:78-79 M '85.

- Lashkov, A. I. - Thirtieth anniversary of the "Mashinostr. i av. transp." Publishing House. *Rad. shkol. i spets. rab. v stroit.* 28 no. 7:43-43 Ji '85.

- 07(4/2.104) - Capitalist countries of the world. *Sov. i spets. rab. v stroit.* 28 no. 8:134-134 Ag '85.

973 Textbooks, primers, etc.

Plastinin, N. I. - Literature, school, textbook. Otkazh' 43 no. 8:159-160 Ag '68.

98 MANUSCRIPTS, RARE AND REMARKABLE WORKS

Nikolaeva, M. V. - The little-known "History" of Russia during the time of Peter the Great and its handwritten copies. Uch. zap. Ped. inst. Gerts. 37:28-38 '67.

1. PHILOSOPHY, METAPHYSICS, PSYCHOLOGY, LOGIC, ETHICS AND MORALS

10 Philosophy

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekonom. filoz., ist., mezh-dunar. otn. 11 no. 13 D '68.
[New foreign literature on philosophy] Nov. knozh. izm. po filoz. no. 11 '68.

100 Marxist philosophy. Dialectic materialism

Akulkin, E. V. - Some tasks and exercises for the study of the social sciences. Rad. shk. 47 no. 18:84-97 O '68.
Grozina, O. K. - Some problems of theoretical medicine from the viewpoint of dialectical materialism. Trudy Alma.-Atin. gos. med. inst. 23:28-36 '66.
Orlov, V. V. - Substantiation of the objective reality of nature by V. I. Lenin. Uch. zap. Perm. gos. un. no. 123:27-36 '68.
Katskerich, T. A. - Purpose and freedom. Vest. LDU 33 no. 23:49-50 D '68.
Napina, A. A. - Gradual forms of qualitative leaps. Uch. zap. Perm. gos. un. no. 123:53-62 '68.
Napina, A. A. - Some sources of the diversity of qualitative leaps. Uch. zap. Perm. gos. un. no. 123:63-62 '68.
Khilakhsenko, S. G., Khilakhsenko, G. P. - Role of internal and external contradictions in the formation of the new quality. Vest. LDU 33 no. 23:66-73 D '68.
Sushchenko, M. L. - Historical stages in the development of the principle of reflection. Obshchestv. nauki no. 11:118-123 '67.

113 Cosmology. Philosophy of nature

Orlov, V. V. - Substantiation of the objective reality of nature by V. I. Lenin. Uch. zap. Perm. gos. un. no. 123:27-36 '68.
Mokhovskiy, A. M. - Specific nature of the forms of the motion of matter and specific nature of space and time relations. Vest. LDU 33 no. 23:108-123 D '68.
Nesvetayev, V. A., Orlov, V. V. - Differentiation and integration in the development of living organisms. Uch. zap. Perm. gos. un. no. 123:38-48 '68.
Verbovskiy, V. V., Kravtsov, G. G. - Problems of extrapolation in cosmology. Obshchestv. nauki no. 11:107-117 '67.

120.9 Psychology

Barilov, M. K., Gurovich, I. A. - Experimental and clinical study of the effect of triptamine and amphetamine on aggressiveness and excitation. Sovrem. psichotrop. sred. no. 3:6-16 '67.
Bodalev, A. A. - Notes about the schoolchild and concept of his personality in his parents and teachers. Uch. zap. LDU no. 34:18-31 '68.
Borov, M. V. - Effect of psychotropic substances on emotional reactions evoked by electric stimulation of the hypothalamus and central gray substance in cats. Sovrem. psichotrop. sred. no. 3:67-83 '67.
Demeter, A. - In order to rest better. Av. i kosm. no. 13:47-48 D '68.
Egorov, A. S. - Problems concerning the so-called motor systems. Probl. inzh. psichol. no. 4:184-187 '68.
Fomenko, L. M. - Some data on the stability of perceptive attention in adults. Uch. zap. LDU no. 34:73-77 '68.
Gracheva, L. A. - Changes in the characteristics of motor asymmetry on an age-related background and under the conditions of loads. Uch. zap. LDU no. 34:115-122 '68.
Iakimov, V. A. - Age- and sex-related precision of hand movements under conditions of changing positions of the body. Uch. zap. LDU no. 34:123-128 '68.
Ilyin, E. P. - Subjective evaluation of stimuli of different intensity in man. Uch. zap. LDU no. 34:103-109 '68.
Iyus, A. V., Kara, L. E., Melnikova, L. S. - Behavioral reactions evoked by electric stimulation of cerebral structures. Sovrem. psichotrop. sred. no. 3:104-113 '67.
Kaidov, E. V. - Effect of extraneous stimuli on the reaction time depending on the conditions of human activity. Uch. zap. LDU no. 34:128-30 '68.
Kamshatova, L. L., Lashchova, V. P. - Individual characteristics of time perception and of reactions to a moving object in children of 10-12 years of age. Uch. zap. LDU no. 34:191-97 '68.
Kandarykova, M. M., Bakhodol'skiy, G. V. - Effectiveness and reliability of simple computing operations. Uch. zap. LDU no. 34:147-56 '68.

Klavin, I. - Changes in the motor characteristics under conditions of loads on the vestibular apparatus. Uch. zap. LDU no. 34:128-131 '68.
Kobor, E. - On the problem of perceptive possibilities in man. Uch. zap. LDU no. 34:77-84 '68.
Lashchova, V. P. - Perception of time in connection with some chronometric characteristics in man. Uch. zap. LDU no. 34:84-91 '68.
Lomov, B. P. - Boris Gerasimovich Antonov, a scholar, teacher and organizer of science; on his 80th birthday. Uch. zap. LDU no. 34:13-14 '68.
Petrushchik, V. A. - Some regularities in the construction of the initiative action. Uch. zap. LDU no. 34:108-118 '68.
Petrov, L. G. - Effect of neurotropic substances on provoked aggressiveness in mice based on noises on the role of the limbic system in the regulation of emotional behavior. Sovrem. psichotrop. sred. no. 3:148-158 '67.
Rosa, M. A. - Study of sex-related differences in the motor activity at the age of 15-23 years. Uch. zap. LDU no. 34:115-118 '68.
Rybalto, E. F. - Age-related changes in the spatial-discriminative function of the vision in adults. Uch. zap. LDU no. 34:156-67 '68.
Shestak, V. V., Lashchova, L. T. - Electromyographic adaptation of the rhythm of flickering light in a state of relaxation. Uch. zap. LDU no. 34:197-203 '68.
Shestak, V. V., Leykova, E. A. - Effect of anesthesia and hypnosis on behavioral reactions following electro-stimulation of some subcortical formations of the brain in cats. Sovrem. psichotrop. sred. no. 3:180-184 '67.
Sukharevskiy, L. - At the Third All-Union Congress of Psychologists. Sots. trad. 13 no. 18:101-111 O '68.
Vain, A. M., and others. - Mechanisms of the effect of halos in lesions of the deep cerebral structures. Sovrem. psichotrop. sred. no. 3:90-98 '67.
Vesiger, L. - Psychological development of children. Detsk. vosp. 41 no. 6:80-83 '68.
Vodolazarov, V. M. - Problems of perceptive foresight as one of the mechanisms of following. Uch. zap. LDU no. 34:136-47 '68.
Khachatur, T. P., Mongoyev, V. D. - Study of the visual search under the conditions of different density of signals in the information field. Uch. zap. LDU no. 34:168-73 '68.
Korina, Z. A., Fylov, D. A. - Role of the hippocampus in the mechanism of anti-passive and inhibiting effect of neoprotein and bromine. Sovrem. psichotrop. sred. no. 3:94-100 '67.

17 Ethics. Morals. Conventions

Pondarev, K. D. - Introduction of ethics in children. Uch. zap. Nov. gos. ped. inst. 108:64-65 '68.

174(9.104)—Capitalist countries of the world

Petrushchik, V., Uspenskiy, V. - Capitalist humanism: from the series "Talks on morals"; article 2. Agitator no. 23:36-42 M '68.

172.1 Political. Nationalism

172.1(974)—Kazakh S.S.R.

Altayev, A. - Developing the ideology of internationalism in the people's consciousness under the conditions of the socialist development of formerly backward nations. Obshchestv. nauki no. 11:147-157 '67.

174 Professional ethics. Communist ethics

Kaprinov, I. - One of the Karakumov dynasty. Kommunist 48 no. 19:41-46 O '68.
Petrovskiy, V., Uspenskiy, V. - Communist humanism: from the series "Talks on morals"; article 2. Agitator no. 23:36-42 M '68.

18.01 Aesthetics and taste

Gondarev, M. - Finding the fine things in our contemporaries. Mur. obr. no. 18:78-78 O '68.
Rybak, L. A. - Difficulties of the aesthetic theory in the process of education. Inv. AN Turk. SSR Ser. Obshchestv. nauk no. 4:35-44 '68.
Shestak, M. A. - Developing the concept of an "aesthetic ideal" in senior students. Uch. zap. Ped. inst. Gerts. 37:234-278 '68.
Zlotnikov, V. M. - Special aspects of the subject matter and substance of art. Uch. zap. Perm. gos. un. no. 123:218-244 '68.

2. RELIGION

30 RELIGION IN GENERAL

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. kn. po vop. atezm. i rel. no. 10 '68.

211 Atheism

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. kn. po vop. atezm. i rel. no. 10 '68.

Trusov, M. M. - A. V. Lomakovich, is certainly propagandist of Marxist atheism. Vest. LDU 33 no. 23:80-85 D '68.

218 Atheological propaganda

Iurov, S. I., Iurova, T. A. - Transition from atheism to anti-religious education of students in senior grade. Uch. zap. Perm. gos. ped. inst. no. 12:2-14 '67.

26 Christian churches and sects

A. V. - Builders of a new ark. Nov. vres. 21 no. 12:7 P '68.

3. SOCIAL SCIENCES, ECONOMICS, LAW, GOVERNMENT, MILITARY AND NAVAL SCIENCE, EDUCATION

30 SOCIAL SCIENCES

Akulkin, E. V. - Some tasks and exercises for the study of the social sciences. Rad. shk. 47 no. 18:84-97 O '68.
[Union list of new foreign books, received by the Bureau of the U.S.S.R. Section II: Social sciences] Sov. kn. i inostr. knizh. postup. v bibl. SSSR. Ser. B. Obshchestv. nauki no. 8 '68.

30.07 Young people

Our contemporary. Kommunist 48 no. 19:1-14 O '68.
Rozovskiy, L. D. - Lenin. The V.I. Lenin All-Union Communist Youth League. Youth. Rad. shk. 6 no. 12:25 O '68.

30.07(4.9.104)—Capitalist countries of the world

Dol'shakov, V. - Poisons of crime. Agitator no. 23:41 M '68.

300.1 Marxism-Leninism

Akhmedov, P. M. - History of Marxist-Leninist ideas in the field of economic geography. Inv. AN Turk. SSR. Ser. Geogr. no. 4:109-110 H-O '68.
Yakovlev, P. A. - Some aspects of the ideological struggle (on peace and war). Trudy Vostochno-slobozhsk. inst. no. 7:8-10 '67.
Klein, L. S. - Typical procedures in modern criticism of Marxism in archaeology. Sov. arheol. no. 12:180-180 '68.
Kim'kina, Z. - Propagandist today. Sov. shkol. D no. 11:15-16 M '68.

300.11 Marx and Engels, their works

Lar'ko, A. L. - K. Marx and problems of the socialist economy. Miroi mirn. metod. 4 no. 8:28-34 M-D '68.

300.12 Lenin, his works

Almas'ev, V. - V. I. Lenin on the economic perception of socialist revolution and bourgeois crisis. Pop. nauch. no. 1:123-128 Ja '68.
Akhmedov, A. - V. I. Lenin's foreign policy activities (April-July 1918). Miroshchensk. shkol. 16 no. 2:34-38 '68.
Anisimov, M. - V. I. Lenin on the role and tasks of teachers as a school for the class struggle. Sov. voprosy 24 no. 8:110-114 M '68.
Doroshov, E., Mitrofanov, V. - The Lenin legacy in the underlying principles of the work of the departments of political economy. Miroshchensk. shkol. 16 no. 2:39-44 '68.
Following the Lenin policy. Sots. trad. 13 no. 13:3-4 O '68.
Orlov, V. V. - Substantiation of the objective reality of nature by V. I. Lenin. Uch. zap. Perm. gos. un. no. 123:27-36 '68.
Kotsar, B. - Following Lenin's legacy. Rad. shk. 6 no. 10:1-11 O '68.
Popov, G. - People of I-estinged prepare for the Lenin's anniversary. Agitator no. 23:43-44 M '68.
Rozovskiy, L. D. - Lenin. The V.I. Lenin All-Union Communist Youth League. Youth. Rad. shk. 6 no. 12:25 O '68.
Tlapkin, M. - V. I. Lenin on socialist organization of public labor. Sots. trad. 13 no. 13:7-13 D '68.
V. I. Lenin's foreign policy activity, October 1917-March 1918. Miroshchensk. shkol. 16 no. 1:14-16 '68.

300.3 Historical materialism

Gondarev, M. - Historical materialism as a branch of sociophilosophical sciences. Uch. zap. Perm. gos. un. no. 123:27-35 '68.

300.44 Theory and tactics of revolution

Kozlov, I. - Lenin's foreign policy and national liberation movement. Miroshchensk. shkol. 16 no. 2:34-38 '68.

300.46 Socialism and communism

Bogdanov, M. I. - Distinctions of social and personal interests under socialism. Obshchestv. nauki no. 11:124-148 '67.

200.51 Communist democracy

Pravica, A. - Socialist democracy on Constitution Day of the U.S.S.R.; December 6th. Agitator no. 22; 21-22 N '68.

200.52 Sociology

Alksnisdrova, M.D. - Age difference in the reflection of time. Vest.LOU 23 no. 23:80-85 D '68.

301(433)—Federal Republic of Germany
Novakova, M.V. - Falsification of the class structure of present-day capitalist society in Catholic social doctrine. Uch. zap. Perm. gos. un. no. 128:89-113 '68.

200.53 Social psychology

Karater, M.A. - Methodological aspect of the problem of personality in the African social and political thought. Vest.LOU 23 no. 23:129-133 D '68.

Libbi, A.S. - Some problems of social-psychological studies in psychiatric and psychoneurological clinics. Uch. zap. LDU no. 241:22-26 '68.

Lyskov, A.P. - From the history of interrelationships of social psychology and jurisprudence. Vest.LOU 23 no. 23:74-76 D '68.

Shapov, G.V. - Law of the development of common ethnic characteristics and some sources of ethnic antagonism. Uch. zap. Perm. gos. un. no. 128:114-123 '68.

200.54 Geography. Social geography. Social situation

306(488)—Finland
Mar'kovskii, V. - Finnish sketches. Sov. profsoyuz 24 no. 21:43-44 N '68.

306(540)—Pakistan
Fridland, V.M. - West Pakistan and Central Asia. Priroda no. 11:90-102 '68.

306(72)—Mexico
Lamblakova, A. - Mexico and the Mexicans. Mezhdunar. shizn' 16 no. 2:101-108 '68.

306(86)—Antarctica South Polar regions
Bortaki, V.V., Kherish, S.B. - Man in Antarctica. Priroda no. 11:23-27 '68.

21 STATISTICS

Vat'k, S.S., Smil'ga, V. - Improving the fuel power balance. Plan. khim. 40 no. 2:64-77 F '68.

In the Scientific Research Institute of the Central Statistical Administration of the U.S.S.R. Vop. ekon. no. 11:155-156 Ja '68.

Poleskii, M.I. - Transmissions in a rural-type district. Kh. khir. no. 10:90-97 '64.

Statistical data on cities with more than 500,000 population. Vest. stat. no. 12:78-81 '68.

Telefina, M.V. - Dynamics of profit norms in the U.S.S.R. industry, 1923-1925. Vest.LOU 23 no. 23:24-30 D '68.

2(4/9.103)—Communist countries of the world
Ustevich, M. - Lenin's theory of two subdivisions of social production and practice in the building of socialism in the member countries of the Comcon. Vop. ekon. no. 11:111-123 Ja '68.

2(677)—Ukraine S.S.R.
Lashov, I. - Private and planned economic regulation of agricultural production. Vop. ekon. no. 11:24-44 Ja '68.

2(871.18)—Altai Territory
Yefimov, L., and others. - Interesting figures. Sots. slovo. 44 no. 4:22-24 Ja '68.

2(72)—United States of America
Mikheev, L. - Economic aspects of developing scientific research work in the U.S.A. Vop. ekon. no. 11:66-68 Ja '68.

211 Statistical theory and methods

Alksnisdrova, M.D. - Age difference in the reflection of time. Vest.LOU 23 no. 23:80-85 D '68.

Kapalov, B., Bolgov, V. - Studying the use of time in the U.S.S.R. Vest. stat. no. 12:23-27 '68.

Vashchikov, L., Novikov, G. - Practice in statistical study of the dependence of the yield of grain crops on the fundamental natural and economic factors. Vest. stat. no. 12:14-16 '68.

211(478)—White Russia S.S.R.
Kukha, A., Kalita, V. - Grouping of enterprises and determining group norms. Plan. khim. 40 no. 2: 24-26 F '68.

212 Demography. Vital statistics

D.B. - Conference on the problems of preparing for the census of the population. Vest. stat. no. 12:74-77 '68.

Kozlov, G.R. - Postpartum septic diseases as the cause of mortality in mothers. Trudy Alma. - Alta. gos. med. univ. 52:240-248 '68.

Instruction on the procedure for conducting the all-Union census of the population in 1970, and filling-up the census questionnaire. Vest. stat. no. 12:44-55 '68.

23(477)—Ukraine S.S.R.
Krischenko, V. - Committees for the aid of the census of the population expand their work. Vest. stat. no. 12: 52-56 '68.

23(477.8)—Western Ukraine
Mokhnadov, S.S. - Some characteristics of prospects for settlement in Volyn' Province. Vianyky Kyiv. na. Ser. hist. ta soc. no. 8:111-118 '67.

23(574)—Kazakh S.S.R.
P'is, I.V. - Morbidity in children of Alma-Ata. Trudy Alma. - Alta. gos. med. inst. 23:260-262 '68.

Kashikov, G.K., Kapustin, K.I. - Movement of the population of Karaganda Province. Obshchestv. nauk. no. 11: 164-180 '67.

213 Statistics of morbidity, disability, etc.
Chesnokov, A.A. - Chronic nonspecific tonsillitis and complications following it in childhood. Trudy OMI no. 50:67-72 '64.

M'kin, M.A. - Lethality in volutes and ways of reducing it. Kh. khir. no. 8:44-48 S '68.

Gilbertov, A.B., and others. - Lethality in gynecological diseases, and ways to reduce it. Trudy OMI no. 67: 201-218 '64.

Gorbovitskii, S.K. - Mortality due to tuberculosis among the Ural urban population. Probl. tub. 43 no. 10:14-18 '68.

Kuznetsov, I.D. - Acute appendicitis and acute cholecystitis in elderly and senile persons. Trudy 1-go MMU 30:124-128 '64.

Neret', M.M. - History of sanitary statistics in Russia. Trudy Alma. - Alta. gos. med. inst. 23:24-33 '64.

Rumyantsev, V.B. - Analysis of postoperative lethality in hemorrhagic ulcer of the stomach and duodenum. Khirurgia 41 no. 8:8-15 Ja '68.

Tablitsa, Sh.A. - Analysis of some clinical-statistical and autopsy data on pulmonary tuberculosis for the last 24 years. Probl. tub. 43 no. 10:16-19 '68.

Zhdanov, V.S. - Cholelithiasis and calcareous cholecystitis. Trudy 1-go MMU 30:233-240 '64.

22 POLITICAL SCIENCE. POLITICS. CURRENT AFFAIRS

New books. Kommunist 45 no. 15:128 O '68.

A political dictionary. Agitator no. 22:43 N '68.

22(677)—Vietnam
When will socialism win? Mezhdunar. shizn' 16 no. 1: 87-88 '68.

221 The State and society

221(400)—Spain
Cobo, Juan. - How dictators are made: a documentary essay. Nov. vrem. 27 no. 7:22-26 F '68.

221(407.1)—Yugoslavia
Georgiev, M. - A "new version of socialism" in Yugoslavia? Kommunist 45 no. 15:83-87 O '68.

222 Internal politics
Our information. Agitator no. 22:44-48 N '68.

222(41)—United States of America
Mikheev, V. - Is Ramsey MacDonald's footnote. Mezhdunar. shizn' 16 no. 1:100-108 '68.

222(44)—Italy
Krasnov, V. - "Left center" again. Mezhdunar. shizn' 16 no. 1:132-134 '68.

Rava, Enzo. - Report from San Remo. Nov. vrem. 27 no. 7:22-23 F '68.

222(48)—Greece
Kondratiev, V. - Fight against the junta in Greece. Mezhdunar. shizn' 16 no. 1:153-154 '68.

222(72)—United States of America
Vishnevskii, S. - Kisseloffs in the United States. Agitator no. 22:57 N '68.

222(76)—Indonesia
Belen'skii, A., Usherov, B. - Some lessons from the events in Indonesia. Kommunist 45 no. 15:116-123 O '68.

Georgiev, M. - What is taking place in Indonesia: a reviewer's notes. Agitator no. 22:54-58 N '68.

222.1 National, popular, mass movements and tendencies
Shapov, G.V. - Law of the development of common ethnic characteristics and some sources of ethnic antagonism. Uch. zap. Perm. gos. un. no. 128:114-123 '68.

222.1(5)—Asia
Ivanov, K., Demantsev, I.U. - Development of nations in developing countries. Am. i Afr. seg. 12 no. 2:6-7 F '68.

222.1(8)—Africa
Ivanov, K., Demantsev, I.U. - Development of nations in developing countries. Am. i Afr. seg. 12 no. 2:6-7 F '68.

222.1(10)—Southern Africa (including Rhodesia)
Apartheid in practice. Press evidence. Agitator no. 22: 83 N '68.

Problems of South Africa. Mezhdunar. shizn' 16 no. 2: 84-90 '68.

222.15 National minorities. Minority movements

222.15(810)—Indonesia
Krasnov, V. - Toward a referendum in West Irian. Mezhdunar. shizn' 16 no. 1:121-123 '68.

222.2 Political action, agitation and strife

Mokhnadov, S.S. - Preaching anticommunism behind the screen of "revolutionism". Mezhdunar. shizn' 16 no. 1:10-27 '68.

222.2(4/9.104)—Capitalist countries of the world
Boi'shakov, V. - Potomers of minds. Agitator no. 22: 52-61 N '68.

Galkin, A. - Neofascism and its social roots. Kommunist 45 no. 15:98-100 O '68.

International duty of the Communists. Kommunist 45 no. 15:70-81 O '68.

222.2(477)—Czechoslovakia
Sovremennik - Czechoslovakia: the subversion goes on. Nov. vrem. 27 no. 7:14-15 F '68.

222.2(84)—Southern Africa (including Rhodesia)
Gavrlov, I.U. - Murder in Dar es Salaam. Nov. vrem. 27 no. 7:21-22 F '68.

222.3 Social strata, (income) groups and classes

222.3(4/9.104)—Capitalist countries of the world
Galkin, A. - Neofascism and its social roots. Kommunist 45 no. 15:98-100 O '68.

Novakova, M.V. - Falsification of the class structure of present-day capitalist society in Catholic social doctrine. Uch. zap. Perm. gos. un. no. 128:89-113 '68.

222.3(74)—Kazakh S.S.R.
Lashov, R.M. - Social structure of the collective farm peasantry of Kazakhstan, 1949-1966. Obshchestv. nauk. no. 11:143-178 '67.

222.3(8)—Africa
Jordanov, V. - Leaders and the people. Am. i Afr. seg. 12 no. 2:18-19 F '68.

222.3(87)—Equatorial, South Central and East Africa
Pondia, V., Usov, G. - End the legacy of colonialism. Am. i Afr. seg. 12 no. 2:14-15 F '68.

222.33 Farm workers (laborers)

Palygin, K. - Social insurance for the collective farm key personnel. Ochr. truda i soc. strakh. 11 no. 12:26-27 D '68.

224 Elections
224(72)—United States of America
Vishnevskii, S. - Kisseloffs in the United States. Agitator no. 22:57 N '68.

224(8)—South America
Rodanovskii, I.U. - Against the interests of the people. Mezhdunar. shizn' 16 no. 2:120-121 '68.

224(87)—Venezuela
Lerobenko, L. - Oil and elections. Mezhdunar. shizn' 16 no. 1:133 '68.

226 Migration, colonization, colonial policy
Profess, M. - Du Bois, the critic of Eurocentrism. Am. i Afr. seg. 12 no. 2:23-24 F '68.

Mak'ovskov, M.I. - Migration of the farm population to the cities. Trudy Vsesoyuz. sel'skokhoz. inst. no. 7: 53-61 '67.

226(56.1)—Syria
Klimov, G. - In refugee camps. Am. i Afr. seg. 12 no. 2:47-48 F '68.

227 International and foreign relations and affairs
Alksnisdrova, M.D. - V.I. Lenin's foreign policy activities (April-July 1918). Mezhdunar. shizn' 16 no. 2:134-135 '68.

Alksnisdrova, M.D. - Good start. Mezhdunar. shizn' 16 no. 2: 114-115 '68.

Arianovich, V. - Useful contacts. Mezhdunar. shizn' 16 no. 2:116 '68.

Commentary. Kommunist 45 no. 15:13-14 O '68.

From the history of foreign policy of the U.S.S.R. Mezhdunar. shizn' 16 no. 2:124-125 '68.

Greets from Afghanistan. Am. i Afr. seg. 12 no. 2:20 F '68.

Irrepressible power of our times. Mezhdunar. shizn' 16 no. 1:18-19 '68.

Lashov, A. - Breaking the diplomatic blockade. Nov. vrem. 27 no. 7:10-12 F '68.

Mulk Raj Anand. - Mutual understanding. Am. i Afr. seg. 12 no. 2:17-18 F '68.

327 (Continued)
[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov knigi za rub po obshchestveny naukam, ekon., filoz., ist., mezhdunar. otn. 11 no. 12 D '68.

Views from international life. Nov vrem. 27 no. 7:18-27 F '69.

Our Informant. Agitator no. 22:55-58 M '69.

Shatalov, I. - Lenin's foreign policy and national liberation movement. Mezhdunar. otn. 16 no. 1: 50-59 '69.

Shishkov, I. - International review. Mezhdunar. otn. 16 no. 2:144-153 '69.

Smolodovskiy, A. - Together with friends. As. i Afr. seg. 12 no. 2:30-31 F '69.

Union Union and Southern Yemen. Nov. vrem. 27 no. 7:4-5 F '69.

V. I. Lenin's foreign policy activity, October 1917-March 1918. Mezhdunar. otn. 16 no. 1:141-148 '69.

327(4 9 103)—Communist countries of the world

Vladimirov, V., Orlov, I. - Foreign policy of socialism, a factor of peace and social progress. Mezhdunar. otn. 16 no. 2:71-80 '69.

327(4)—Europe

Finland's foreign minister Ahti Karjalainen on problems of European security and Soviet-Finnish relations. Nov. vrem. 27 no. 7:3-4 F '69.

327(41)—United Kingdom and Northern Ireland

Boris, A. - British-Rhodesian negotiations. Mezhdunar. otn. 16 no. 1:157-162 '69.

Orecher, O. - European situation of England. Mezhdunar. otn. 16 no. 2:19-27 '69.

327(42)—Federal Republic of Germany

Pollitzer, N. - Bonn's challenge to Europe. Mezhdunar. otn. 16 no. 1:22-28 '69.

Revanchist provocation. Nov. vrem. 27 no. 7:16 F '69.

327(43)—Czechoslovakia

Communist. Kommunist 45 no. 15:13-14 O '68.

327(44)—France

Alakseev, A. - Good start. Mezhdunar. otn. 16 no. 2:114-118 '69.

327(45)—Spain

Nikita, A. - American bases in Spain. Mezhdunar. otn. 16 no. 1:156-157 '69.

327(46)—Finland

Finland's foreign minister Ahti Karjalainen on problems of European security and Soviet-Finnish relations. Nov. vrem. 27 no. 7:3-4 F '69.

327(46 5)—Albania

Shatalov, V. - Albania in Peking's plans. Nov. vrem. 27 no. 7:18-20 F '69.

327(46 6)—China

Ayala, G. - "New phase" in the foreign policy of Peking. Mezhdunar. otn. 16 no. 2:8-16 '69.

Shatalov, V. - Albania in Peking's plans. Nov. vrem. 27 no. 7:18-20 F '69.

327(46 7)—Japan

Kozlov, G. - Japanese demands changes. Mezhdunar. otn. 16 no. 1:152 '69.

327(46 8)—Yemen

Soviet Union and Southern Yemen. Nov. vrem. 27 no. 7:4-5 F '69.

327(46 9)—Near East

Prinakov, E. - Is there a way to peace in the Middle East? Mezhdunar. otn. 16 no. 2:68-70 '69.

327(50 4)—Israel

Blizhenko, I. - International law and the crisis in the Middle East. Mezhdunar. otn. 16 no. 1:38-48 '69.

327(51)—Afghanistan

Quests from Afghanistan. As. i Afr. seg. 12 no. 2:36 F '69.

327(57)—Equatorial, South Central and East Africa

Trisunov, A. - Collapse of an alliance. Mezhdunar. otn. 16 no. 2:119-120 '69.

327(58)—Southern Africa (including Rhodesia)

Boris, A. - British-Rhodesian negotiations. Mezhdunar. otn. 16 no. 1:157-162 '69.

327(72)—United States of America

Nikita, A. - American bases in Spain. Mezhdunar. otn. 16 no. 1:156-157 '69.

Nikolova, K. - United States flares up Mediterranean tensions. Mezhdunar. otn. 16 no. 2:47-53 '69.

327(8)—South America

Artemenko, V. - Useful contacts. Mezhdunar. otn. 16 no. 2:16 '69.

327(84)—Indonesia

Balovskii, A., Il'ichev, B. - Some lessons from the events in Indonesia. Kommunist 45 no. 15:110-123 O '68.

327(84)—Philippines (Republic)
Kozlovskiy, V. - Time for responsibility. Mezhdunar. otn. 16 no. 2:121 '69.

328 Parliaments and legislative assemblies

328(240)—India

Klimov, I. - From the session of parliament. Mezhdunar. otn. 16 no. 2:119-120 '69.

328.01 Communist Party of the Soviet Union

The guidance of the Lenin Party is the source of the power of Soviet trade unions. Sov. profsoyuz 24 no. 11: 2-4 M '68.

Together with the Party, together with the people. Sov. maz. no. 11:6-12 M '67.

328.01(471)—Ural regions

Kudachko, R. F. - Party guidance of the communist labor movement in enterprises of ferrous metallurgy, 1959-1963. Obshchestv. nauki no. 11:14-23 '67.

328.01(474.3)—Latvia S.S.R.

Vose, A. - Great transformations. Agitator no. 22: 17-20 M '68.

328.01(474.5)—Lithuania S.S.R.

Stojacka, A. - In one family of fraternal nations. Agitator no. 22:15-17 M '68.

328.01(571.15)—Alta Territory

Polsky, L. S., Odintsov, G. V. - The party in the struggle for the development of nonferrous metallurgy in the Rodnyy Altai during the postwar period, 1945-1968. Obshchestv. nauki no. 11:24-27 '67.

328.01(574)—Kazakh S.S.R.

Alakseev, E. - Struggle for improving communal livestock farming in Western Kazakhstan, September 1963-1965. Obshchestv. nauki no. 11:45-53 '67.

Debatovskiy, G. D. - The Kazakhstan Communist Party guidance of the development of livestock farming during the postwar years. Obshchestv. nauki no. 11:82-90 '67.

Orlov, G. V. - Party organization of the Skokovskiy-Barbey Mining and Ore Dressing Combine at the head of training and education of the labor force. Obshchestv. nauki no. 11:65-73 '67.

Glazkov, M. K. - Leading role of party organizations in enterprises of the ferrous metallurgy of Kazakhstan, 1966-1968. Obshchestv. nauki no. 11:4-13 '67.

Khodachko, A. B. - Work of the Kazakhstan Party Organization on the training of the skilled labor force and engineering and technical workers. Obshchestv. nauki no. 11:28-36 '67.

Machnev, L. P. - Political work of the party in chemical industry enterprises and construction sites in the southern part of the republic during the years of the seven-year plan. Obshchestv. nauki no. 11:28-44 '67.

Karlovskiy, T. K. - Work of the Kazakhstan Party organization in improving forms of material self-interest and increasing agricultural production, 1963-1968. Obshchestv. nauki no. 11:54-64 '67.

Ugal, M. A. - Party measures in utilizing the water power resources of the Rodnyy Altai in the postwar period and during the years of the Great Patriotic War. Obshchestv. nauki no. 11:74-84 '67.

328.02 History of the Communist Party of the Soviet Union
Odintsov, G. V., and others. - For Lenin's party line in discussing the history of the CPSU. Kommunist 45 no. 3:47-53 F '68.

328.03 International communist movement

Fiftieth anniversary of the All-Union Young Communist League marked after Lenin's decision of the Central Committee of the CPSU. Kommunist 45 no. 15:13-12 O '68.

International duty of the Communists. Kommunist 45 no. 15:70-81 O '68.

New documents of the Comintern. Kommunist 45 no. 2:3-14 F '68.

328.04 Communist youth organizations

Chronicle of the Komsomol. Rad. shk. 47 no. 19:46-48, 54 O '68.

Fifty fighting, working, heroic years. Mezhdunar. otn. 16 no. 2:119-120 '69.

Odintsov, G. V. - The Komsomol, for the children in the days of the Patriotic War. Mezhdunar. otn. 16 no. 1:152-153 O '68.

Kozlov, I. - Armed Forces and the Komsomol. Kommunist 45 no. 15:35-38 O '68.

Alakseev, V. V., Porfiryev, T. V., Lebedev, V. A. - Volunteer activity of the youth and the role of All-Union Lenin Young Communist League in the development. Sov. mekh. i rezh. skor. 30 no. 8:1-3 '68.

Moskov, D. - Nobody and nothing is forgotten. Sov. profsoyuz 24 no. 11:23-24 M '68.

Our contemporary. Kommunist 45 no. 15:23-48 O '68.

Pavlov, I. - Young teachers. Mezhdunar. otn. 16 no. 2:72-73 O '68.

Ramzovskiy, I. D., Lebedev, V. A. - The V. I. Lenin All-Union Communist Youth League. Youth. Rad. shk. 47 no. 19:12-25 O '68.

Shchegolev, V. E. - Alignment with economists. Rad. shk. 47 no. 19:24-33 O '68.

Technological creativity of youth on the eve of the Fiftieth Anniversary of the All-Union Lenin Young Communist League. Mezhdunar. otn. 16 no. 2:121 O '68.

Trakhtenkov, E. - An active aid to the party. Sov. maz. 48 no. 15:15-24 O '68.

Trakhtenkov, E. - Unity of goal, unity of action. Mezhdunar. otn. 16 no. 2:119-120 '69.

Trakhtenkov, E. - M. K. Krupskaya and the Komsomol. Mezhdunar. otn. 16 no. 2:119-120 '69.

Vlasov, I. M., Zharipova, L. B. - A faithful helper of the party. Mezhdunar. otn. 16 no. 2:119-120 '69.

Vojodin, O. - Trained by the Komsomol, faithful to its traditions. Mezhdunar. otn. 16 no. 2:119-120 '69.

328.04(477)—Ukraine S.S.R.

Lashchuk, I. - Youth reports in Lenin. Rad. shk. 47 no. 19:33-34 O '68.

328.06 Communist children's organizations

Kozlovskiy, I. D. - Preparation for the organization of the Komsomol and its guidance at the first stage of its existence. Uch. zap. Kazan. gos. ped. inst. no. 11: 5-10 '67.

Taberko, V. - An "Orientator" in the hands of the Komsomol. Mezhdunar. otn. 16 no. 2:119-120 '69.

Zavitskiy, M. A., Nikina, A. E. - Life and work of the Komsomol. Mezhdunar. otn. 16 no. 2:119-120 '69.

328.06(471.24)—Murmansk Province

Khachikyan, G. A. - The children's Communist movement in Murmansk Province. Uch. zap. Kazan. gos. ped. inst. no. 11:12-13 '67.

328.06(477.8)—Western Ukraine

Matvievskiy, O. - Heroes of Komsomol glory. Rad. shk. 47 no. 19:34-35 O '68.

328.06 Communist parties outside the Soviet Union

328.06(430)—Germany

Kozlovskiy, G. - Turning point in the history of the labor movement and the people of Germany. Kommunist 45 no. 3:38-43 F '68.

328.06(430)—Hungary

Shchegolev, I. - Vanguard of the Hungarian workers. Agitator no. 22:81-82 M '68.

328.06(431)—China

Alakseev, A. - "Cultural revolution" and economy of China. Mezhdunar. otn. 16 no. 2:119-120 '69.

Shchegolev, V. - Maoists review the general line of the Communist Party in China. Kommunist 45 no. 2:9-10 F '68.

328.06(432)—Indonesia

Balovskiy, A. Il'ichev, B. - Some lessons from the events in Indonesia. Kommunist 45 no. 15:110-123 O '68.

328.14 Socialism. Social democracy

Chern, N. - Death of the rigid social democracy in the "Mirovaya" world. Kommunist 45 no. 3:107-120 F '68.

328.14(433)—Federal Republic of Germany

Kozlovskiy, M. V. - Growing resemblance between the positions of the Socialists and the right-wing leaders of the German Democratic Party in their approach to the problem of social classes. Uch. zap. Kazan. gos. inst. no. 11:12-13 '67.

328.14(436)—Australia

Osachynskiy, V. K. - Role of the Social Democratic Party of Australia in the revolutionary movement of the period of imperialism. Voprosy i voprosy, Mezhdunar. otn. 16 no. 2:119-120 '69.

328.14(438)—Italy

Kozlovskiy, A. - The Italian Socialist Party of Proletarian Unity. Mezhdunar. otn. 16 no. 2:119-120 '69.

328.4 Other non-Communist parties

328.4(433)—Federal Republic of Germany

Kozlovskiy, M. V. - Growing resemblance between the positions of the Socialists and the right-wing leaders of the German Democratic Party in their approach to the problem of social classes. Uch. zap. Kazan. gos. inst. no. 11:12-13 '67.

33 POLITICAL ECONOMY. ECONOMICS

Alakseev, E. - Students fill-up the questionnaire. Mezhdunar. otn. 16 no. 2:119-120 '69.

Borisov, E., Mitroshin, V. - The Lenin legacy in the working principle of the work of the departments of political economy. Nauch. dokl. vuz. shkol. 11 no. 13:3-8 '68.

Dokh, E. - Scientific and instructional work of the department. Nauch. dokl. vuz. shkol. 11 no. 13:108-109 '68.

Ilyin, K. - Scientific and instructional work of the department. Nauch. dokl. vuz. shkol. 11 no. 13:108-109 '68.

Kozlovskiy, V. E. - Some work results. Nauch. dokl. vuz. shkol. 11 no. 13:107-108 '68.

31 (Continued)

[New foreign books on the social sciences, economics, philosophy, history, international relations] *Mov. knigi za rub. po obshchestv. naukam, ekonom., istor., i sots. ekonom. otn.* 11 no. 12 D '68.
[New foreign economic literature] *Mov. knozh. ekon.* 11 no. 10 '68.

330.1 General principles, laws and systems of economies
Deshu, A.A., Tluppanov, S.L. - Dynamics of the cost of labor in present-day capitalism. *Vest. LGU* 23 no. 12-40-46 D '68.
Gutchev, F. - Necessary and surplus product under socialism. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 11:17-21 '68.
Knyazev, M. - The nature and criteria for the efficiency of new equipment under socialism. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 12:16-18 '68.
Gorodetskiy, K. - For historical approach to the theory of commodity production under socialism. *Vop. ekon.* no. 1:3-13 Ja '69.
Kryzhanovskiy, L. - Details of the regularity of the replacement of capital by socialism in bourgeois economists' work. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 12:78-87 '68.
Ushakov, M. - Lenin's theory of two subdivisions of social production and practice in the building of socialism in the member countries of the Cominform. *Vop. ekon.* no. 1:111-123 Ja '69.

330.115 Mathematics of economics. Econometrics

Alimov, B.I., Berkovich, M.M. - Summer school for mathematical programming in Alma-Ata. *Ekon. i mat. metod.* 4 no. 6:971 N-D '68.
Bazilevich, V.P. - Method for solving problems of the distribution of enterprises with large size initial matrices. *Ekon. i mat. metod.* 4 no. 6:894-899 N-D '68.
Pavlov, F.D., Stal'ma, I.U. - Determining optimal work regime in the service system on the basis of minimum costs. *Ekon. i mat. metod.* 4 no. 6:844-853 N-D '68.
Gerasimov, N.G. - Methodology of developing a model of current planning for the production program of a railway. *Ekon. i mat. metod.* 4 no. 6:841-849 N-D '68.
Orlov, A., Ryabov, L. - Mathematical economics methods in planning for the turnover of goods. *Plan. khoz.* 44 no. 3:25-31 F '69.
Lapshin, S., Chirkov, V. - Quantitative analysis of technological progress. *Plan. khoz.* 44 no. 3:31-37 F '69.
Kuznetsov, A.I., Movshovich, A.M., Ovsienko, I.U. - Durable goods in the system of optimal planning: a stratified model. *Ekon. i mat. metod.* 4 no. 6:901-970 N-D '68.
Kuznetsov, B.Kh. - Method for solving a class of single-problem problems of production development. *Ekon. i mat. metod.* 4 no. 6:923-948 N-D '68.
Lazarev, M. - Mathematical methods in planning for wages. *Sots. trud* 13 no. 10:134-136 O '68.
Pavlov, I.P. - Algorithm for solving a nonlinear transportation problem. *Ekon. i mat. metod.* 4 no. 6:883-884 N-D '68.
Pisarev, V.M. - Some characteristics of studying a long-range demand for durable goods: an exemplified by television sets. *Ekon. i mat. metod.* 4 no. 6:936-946 N-D '68.
Pitlik, I.U. - Formulating statistically dependent operations in the network models of work. *Ekon. i mat. metod.* 4 no. 6:948-953 N-D '68.
Yevichkin, A.G. - National accounts and statistical planning. *Ekon. i mat. metod.* 4 no. 6:898-899 N-D '68.
Vashkin, V.V. - Problem in production planning. *Tруды ИЭМ* no. 2:143-44 '68.

330.115(44)—France

Kirschner, B., Richard, P. - Generalized dynamic model of an economic system and its use in planning. *Ekon. i mat. metod.* 4 no. 6:871-876 N-D '68.

330.12 Economic policy

Chadov, I.A. - Planning and the effectiveness of production. *Kommunist* 45 no. 11:61-69 O '68.
Lipka, A. - Management compass of the socialist economy. *Agtizor* no. 12:7-10 M '68.

330.2 Organization and cooperation in the economic sphere. Reorganization, reform, etc.
Kharlamov, I.U., Levina, I. - One step higher. *Okhr.* 43 no. 6:773-783 Ag '68.

330.3(4.0)—European capitalist countries

Andreev, D., Makhov, M. - The "air" after eleven years. *Mechaniz. shizh.* 18 no. 1:68-69 '69.

330.3(40)—European communist countries as a group

Alexander, P., Shkriyev, I.U. - Economic cooperation of socialist countries on the 30th anniversary of the Mutual Economic Assistance Council. *Vop. ekon.* no. 1:47-57 Ja '69.

31 Labor. Work. Employment

Deshu, A.A., Tluppanov, S.L. - Dynamics of the cost of labor in present-day capitalism. *Vest. LGU* 23 no. 12-40-46 D '68.
Maksimov, M. - More on the length of service. *Sots. trud* 13 no. 10:47 O '68.

Logvinov, L. - Universality of labor, production, and accumulation. *Kommunist* 45 no. 15:49-50 O '68.
Pitipenko, G. - Medical expertise of the capacity for work in sequelae of trauma of the spinal cord. *Sots. obrat.* 44 no. 1:24-27 Ja '69.

Bokharabadi, L. - At the Third- All-Union Congress of Psychologists. *Sots. trud* 13 no. 10:108-111 O '68.
Tlapkin, N. - V.I. Lenin on socialist organization of public labor. *Sots. trud* 13 no. 12:7-13 D '68.

331(477)—Ukrainian S.S.R.

Mukus, V. - The labor resources and the efficiency of industrial production. *Sots. trud* 13 no. 12:83-88 D '68.

331(477.6)—Donetsk Basin

Robits, V.M. - Labor problems discussed at the congresses of the mine owners in Southern Russia. *Uch. zap. MGPI* no. 249:3-33 '68.

331(496)—European communist countries as a group

Iskriyeva, E. - The labor resources of the countries participating in the Cominform. *Vop. ekon.* no. 1:181-183 Ja '69.

331(574)—Kazakh S.S.R.

Borisevskiy, M.Y. - Role of the sphere of service in solving the problem of using the labor resources in Kazakhstan. *Obshchestv. nauki* no. 11:177-188 '67.

331.1 Industrial relations: workers and employers

Decision No. 6 of the Plenary Session of the Supreme Court of the U.S.S.R. "On the role of courts in ensuring the observance of labor laws and tightening labor discipline in industrial enterprises, organization, and offices." *Bul. Verkh. Suda* no. 6:17-19 '67.
Decision No. 7 of the Plenary Session of the Supreme Court of the U.S.S.R. "On the introduction of amendments to decision No. 13 of the Plenary Session of the Supreme Court of the U.S.S.R. of September 13, 1967." *Bul. Verkh. Suda* no. 6:19-20 '67.
Decision No. 13 of the Plenary Session of the Supreme Court of the U.S.S.R. of September 13, 1967. "On judicial practice in civil law labor disputes." *Bul. Verkh. Suda* no. 6:20-22 '67.
Information on the Plenary Session of the Supreme Court of the U.S.S.R. *Bul. Verkh. Suda* no. 6:18-19 '67.
Kolosov, B. - Transferring persons with general diseases to other work. *Sots. trud* 13 no. 10:145-146 O '68.

331.1(471.21)—Moscow Province

Shcherbov, V.I. - Machinery industry workers of the Moscow Governorate under the yoke of capitalists and terrorism on the eve of the Revolution of 1906-1907. *Uch. zap. MGPI* no. 248:34-80 '68.

331.1(477.6)—Crimen

Kovalov, V. - It is early to put a period yet. *Sov. prof. sovs.* 24 no. 21:27 N '68.

331.1(574)—Daryal A.S.S.R.

Burlik, I. - Follow-up of lawlessness. *Okhr. trade i sots. strakh.* 11 no. 12:26-29 D '68.

331.3 Wages, salaries, pay
Drachukha, M.S., Nakhmashin, G.M., Syatov, G.P. - Program for calculation of wages on "Ural-4" electronic digital computers. *Sots. trud* 13 no. 12:99-101 '68.
Gerasimov, P.I. - Formation of incentive funds in the enterprises operating on a business accounting basis. *Vest. LGU* 23 no. 2:31-38 D '68.
Kondratyuk, A.V. - Improvement in pay for labor on milkhouses. *Tруды Вилкоп. колхозов, хутор.* no. 7:34-38 '67.
Kuznetsov, L. - Socioeconomic significance of increasing minimum wages. *Sots. trud* 13 no. 12:14-22 D '68.
Kozlovskiy, M. - Paying wages on the hourly basis to workers where the mechanization of production is in effect. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 12:31-35 '68.
Lysitskiy, R. - Average earnings and disbursement from the material incentive fund. *Sots. trud* 13 no. 12:134-135 D '68.
Loshakov, M. - Mathematical methods in planning for wages. *Sots. trud* 13 no. 12:138-135 O '68.
Mikheyev, B. - Improving the wage schedule for machinery industry workers. *Sots. trud* 13 no. 10:43-48 O '68.
Sobolev, K. - New wage scales for machine tool operators and establishing norms for their work. *Sots. trud* 13 no. 10:113-117 O '68.
Vulfov, L. - Cases of limiting average monthly earnings in competing state pensions. *Sots. obsh.* 44 no. 4:54-56 Ja '68.

331.3(477)—Ukrainian S.S.R.

Pavlovskiy, L. - Now everybody sees that it is good! *Sov. profsovs.* 24 no. 21:18 N '68.

331.3 Categories of labor and employment

331.3(471.6)—Dorost Province

Musik, G., Mal'nikov, F. - Youth had crossed the threshold of the plant. *Sov. profsovs.* 24 no. 21:23-27 N '68.

331.3 Unemployment, shortage of labor, etc.

331.3(471.64)—Capitalist countries of the world

Yevanov, S. - Is the interest of workers; on the 30th anniversary of the first Soviet Code of Labor laws. *Agtizor* no. 23:24-25 N '68.

331.7 Skilled and unskilled labor

Men'shikov, V. - The nature of scientific workers' labor. *Plan. khoz.* 44 no. 3:81-83 F '69.

331.7(574)—Kazakh S.S.R.

Khochimov, A.S. - Work of the Kazakhstan Party Organization on the training of skilled labor force and engineering and technical workers. *Obshchestv. nauki* no. 11:106-108 '67.

331.8 Working hours and conditions. Living conditions of workers. Labor organization. Labor disputes, strikes, etc.

Averlov, I.U. - Labor path begins from the school bench. *Sots. trud* 13 no. 12:84-87 D '68.
Chernyshev, R. - Mechanization of labor-cooperatives. *Przem. stroit. i mash. stroit.* 8 no. 3:8-9 My-Ju '68.
Chelala, M.A. - Progressive workers in the enterprises of the R.S.F.S.R. mechanical industry. *Khleb. i kond. prom.* 12 no. 11:3-4 N '68.
Kifod, L. - Enterprise plays an important part in choosing an occupation. *Sots. trud* 13 no. 12:105-101 D '68.
Oskorbenko, P. - Vitality of Lenin's ideas in socialist competition. *Kommunist* 45 no. 3:27-27 F '68.
Oskov, I., Shokhov, G. - Workers' struggles in industry. *Okhr. trade i sots. strakh.* 11 no. 12:7-8 D '68.
Important tasks of trade unions. *Okhr. trade i sots. strakh.* 11 no. 12:1-3 D '68.
Kazlov, M. - Use the health budget better. *Okhr. trade i sots. strakh.* 11 no. 12:3-4 D '68.
Kotikov, R., Polgov, V. - Studying the use of time in the U.S.S.R. *Vest. stat.* no. 12:26-27 '68.
Krapivina, L. - Work schedules in the five-day workweek. *Sots. trud* 13 no. 12:138-141 D '68.
Let us complete the year as shock workers should! *Agtizor* no. 23:4-6 N '68.
Kuznetsov, M.M. - Communist labor collective. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 12:83-85 D '68.
Mamedov, T.M. - Results of treating oil well bottom zones by steam and saturated kerolene. *Azerb. neft. khoz.* 47 no. 12:31-33 D '68.
Mikhailenko, I. - New advantages. *Sov. shakht.* 17 no. 11:28 M '68.
More care should be taken of the everyday needs of petroleum workers. *Azerb. neft. khoz.* 47 no. 12:33-35 D '68.
Mikhailov, L.B. - Use of machinery in specialized mechanization teams. *Mech. stroit.* 23 no. 4:10-13 Ap '68.
Podkivov, V. - If the predicted it. *Sov. shakht.* 17 no. 11:6-7 M '68.
Rodnikov, R. - Integrated brigades in loading and unloading work. *Sots. trud* 13 no. 12:102-107 D '68.
Shalimskiy, V.M. - The concern for the scientific organization of labor of mechanizers should be increased. *Mech. stroit.* 23 no. 4:4-5 Ap '68.
Uralov, A.I. - Scientific and technological progress and developing a rounded personality through labor. *Obshchestv. nauki* no. 11:124-123 '67.
Working condition of transportation construction workers should be constantly improved. *Transp. stroit.* 10 no. 12:1-3 D '68.

331.8(471.5)—Ural regions

Kalinskaya, V.I. - Ural at industrial enterprises of Ural in the 1950's and 1960's. *Dokl. na sesh. Uch. sov. Gend. obl. kraev. vuz.* no. 3:23-27 '68.

331.8(471.67)—Dagestan A.S.S.R.

Kiselevskiy, V., Panfilov, L. - Advantages of the five-day workweek are used insufficiently. *Sots. trud* 13 no. 12:112-118 D '68.

331.8(540)—India

Machov, O. - Vanguard of labor unions. *Asi. Afr. oeg.* 13 no. 2:64-66 F '68.

331.8(61 Trade unions

Andropov, M. - V.I. Lenin on the role and tasks of trade unions as a school for the class struggle. *Sov. profsovs.* 24 no. 21:10-14 M '68.

Attacking class. *Mov. vresh.* 27 no. 7:1-3 F '68.

The guidance of the Lenin Party is the source of the power of Soviet trade unions. *Sov. profsovs.* 24 no. 21:3-4 M '68.

Important tasks of trade unions. *Okhr. trade i sots. strakh.* 11 no. 12:1-3 '68.

Montegrosso, A.P., Volrich, S.S., Gornitskiy, A.V. - Practice of conducting general meetings in collectives of the Northern Urals expedition. *Nauch. dokl. vys. shkoly; ekon. nauki* 11 no. 12:153-158 D '68.

Ready to greet the Lenin jubilee. *Sov. shakht.* 17 no. 11:11 M '68.

Reports and elections to the local trade union organizations. *Sov. profsovs.* 24 no. 21:26-29 M '68.

What is new in the instruction on the procedure for the acceptance of trade union dues. *Sov. profsovs.* 24 no. 21:47-50 M '68.

331.8(471.34)—Vladimir Province

Tash, A. - The best is town. *Sots. obsh.* 44 no. 1:13-15 Ja '68.

331.8(471.46)—Astrakhan Province

Skripnikov, P. - There is a man behind each complaint. *Sov. profsovs.* 24 no. 21:22-23 M '68.

331.8(471.63)—Bashkir A.S.S.R.

Khalitov, G. - There is an individual approach to everybody. *Sov. profsovs.* 24 no. 21:31 M '68.

321.82(471.53)—Perm Province
Kapol'skikh, V. - Not only an organizer, but an educator as well. Sov. profsoyuz 24 no. 21:26-28 M '68.

321.82(471.54)—Chelyabinsk Province
Mol'tsev, D. - Activists confer. Sov. profsoyuz 24 no. 21:20 M '68.

321.82(471.55)—Krasnodar Territory
Mirgorodskiy, I. - The trade union factory committee relies on them. Sov. profsoyuz 24 no. 21:31 M '68.

321.82(477)—Ukrainian S. S. R.
Poids, I. - Be forthright and strive for more. Sov. profsoyuz 24 no. 21:14-8 M '68.

321.82(477.9)—Crisis
Kovalov, V. - It is early to put a period yet. Sov. profsoyuz 24 no. 21:27 M '68.

322.82(73)—United States of America
Bogov, V. - Shifts in the labor unions of the United States. Mashinostroyeniye 18 no. 1:124-126 '68.

322.82(8)—Brazil
Reichman, A. - In the vice of dictatorship. Sov. profsoyuz 24 no. 21:40-41 M '68.

321.87 incentives: domestic, foreign, etc.
Abramov, V. K. - Lenin's labor shift of Ulyanovsk cement workers. Trudovoye 24 no. 2:114 M-D '68.
Aleksandrov, V. M. - The bonus under the conditions of socialist production relations; some problems of the theory. Vost. LQU 23 no. 2:246-23 D '68.

Alper, M. - Stimulate high quality with efficient incentives. Plan. khoz. 48 no. 2:12-2 F '68.

Awarding bonuses for the new equipment problems which interest our readers. Sots. trud 13 no. 12:7-14 O '68.

Awards to the best. Av. transport. 48 no. 10:88 '68.

Chernovskiy, M. - On the implementation of the economic reform. Mash. - stroy. prom. 24 no. 10:21 O '68.

For workers of enterprises on practice is changing over to the new system of planning and economic incentives. Sots. trud 13 no. 12:48-51 O '68.

For workers of enterprises on practice is changing over to the new system of planning and economic incentives. Sots. trud 13 no. 12:48-51 O '68.

Grishchenko, P. L. - Formation of incentive funds in the enterprises operating on a business accounting basis. Vost. LQU 23 no. 2:231-32 D '68.

Is the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud 13 no. 10:154-157 O '68.

Is the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud 13 no. 10:154-157 O '68.

Kachere, M. - Making a jump-and-beam. When is it expedient? Sots. trud 13 no. 12:16-22 D '68.

Karpova, L. A. - Incentive funds and providing efficient economic incentives for enterprises. Ekonom. i statist. 4 no. 6:664-663 M-D '68.

Livshits, R. - Average earnings and disbursement from the material incentive fund. Sots. trud 13 no. 12:134-136 D '68.

Malashuk, M., Chervikov, I., Pilyarskiy, L. - Starting-up new enterprises and their economic incentives. Plan. khoz. 48 no. 2:44-48 F '68.

Pritytkov, V. - Young standard bearers of technical progress. Ne stroi. Mosk. 9 no. 10:2-3 O '68.

Rozentall, M. - The workshop and the intensity of planned assignment. Sots. trud 13 no. 10:19-22 O '68.

Yakovlev, P., Zlotnikov, M. - Development of the economic experiment in trade. Sots. trud 13 no. 12:40-47 D '68.

Vyalich, L. - Right Bank of the winged Konosment. Av. i kosm. no. 12:74-76 D '68.

322.87(471.33)—Kalinin Province
Kashin, M. - Improving the assortment of fabrics. How should it be stimulated? Sots. trud 13 no. 10:31-36 O '68.

322.87(471.54)—Sverdlovsk Province
Mansur, B., and others. - Determining workshop contribution to production results. Sots. trud 13 no. 10:18-19 O '68.

322.87(477.31)—Moscow Province
Dorisova, G. - Labor productivity and economic work in an enterprise. Sots. trud 13 no. 12:44-51 D '68.

322.87(774)—Kazakh S. S. R.
Stepanov, M. - Some deductions from the experience. Sots. trud 13 no. 10:22-23 O '68.

323 Land and property. Real estate
Kosmicheva, L. - Economic evaluation of natural resources: review of articles reviewed by the editor. Vop. ekon. no. 1:78-120 Ja '68.

323(477.8)—Western Ukraine
Ishin, V. F. - Development of forest land on the grounds of the Donbas region in the second half of the 19th century and the early 20th century. Vostochny L'viv. zn. Ser. I. no. 4:78-81 '67.

323 Socialism. Socialist system
Yakovlev, L. - Problems of the "new economic model" of socialism. Mashinostroyeniye 18 no. 1:49-54 '68.

Lurka, A. L. - K. Marx and problems of the socialist economy. Ekonom. i statist. 4 no. 6:626-643 M-D '68.

Miroganyov, V. - Bourgeois criticism of socialism, or concepts of falsehood and conjecture. Vop. ekon. no. 1:142-153 Ja '68.

323 Finance
323(54)—Iran
Khabibzadeh, A. - Foreign exchange and financial condition of Iran. Fin. 24:52 43 no. 12:80-85 D '68.

323.1 State wealth and revenue. Budget
Carry out the budget of the third year of the five-year plan successfully. Fin. 24:52 43 no. 12:2-6 D '68.

323.1(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
Orlov, P. - Increase revenues of state budget. Fin. 24:52 43 no. 12:11-12 D '68.

323.2 Taxes
Preferential terms of the Agricultural tax extended to the disabled. Sots. obzry. 44 no. 1:26-27 Ja '68.

323.2(477.8)—Western Ukraine
Tovstolchik, I. A. P. - Ivan Franko on the class nature of taxes in Galicia, the 1870's and 1880's. Vostochny L'viv. zn. Ser. I. no. 4:82-83 '67.

323.41 Banks and banking
In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. 24:52 43 no. 12:80 D '68.

323.44 Money. Mint currency. Coins
323.44(479.104)—Capitalist countries of the world
Dorisova, L. - Countries of the world: dynamics of gold reserves. Mashinostroyeniye 18 no. 1:140-143 '68.

323.46 Exchange. Financial market. Capital investment
Talegina, M. V. - Dynamics of profit norms in the U.S.S.R. industry, 1923-1925. Vost. LQU 23 no. 2:24-30 D '68.

323.46(479.104)—European capitalist countries
Moshova, I. - Dollar attack on Western Europe. Mashinostroyeniye 18 no. 2:83-84 '68.

323.46(73)—United States of America
Moshova, I. - Dollar attack on Western Europe. Mashinostroyeniye 18 no. 2:83-84 '68.

323.46(8)—Brazil
Tikhonov, O. - Industrialization of Brazil and foreign capital. Mash. dokl. vyz. shkoly ekonom. 11 no. 1:1-22 '68.

323.47 Credit
Sokolov, V. - Procedure for the liquidation of bank credit issued for the expansion or organization of the production of consumer's goods. Fin. 24:52 43 no. 12:75-78 D '68.

323.48 Interest. Profit
Logvinov, L. - Unfairness of labor, production, and accumulation. Kommunist 48 no. 15:49-50 O '68.

323.6 International finance. International Monetary Fund
Drebezhnikov, M. - Regular outbreak of monetary crisis of capitalism. Mashinostroyeniye 18 no. 1:49-71 '68.

323.6 Production. Creation of wealth. Economic situation
Akhmetov, V. - V. I. Lenin on the economic prerequisites of socialist revolution and bourgeois crisis. Vop. ekon. no. 1:22-23 Ja '68.

Following the Lenin policy. Sots. trud 13 no. 10:3-4 O '68.

Priglas, I. - Cost-accounting production sections at the Chernovskiy Grains Products Combine. Mash. - stroy. prom. 24 no. 10:30 O '68.

323.8(77)—Underdeveloped and underdeveloped areas
Rozin, V. V. - Theoretical problems of the adaptation of economy in the developing countries. Vost. LQU 23 no. 2:144-148 D '68.

323.8(90)—European communist countries as a group
Matthaei, A. G. - International socialist division of labor is an expression of the production relations of the world socialist system. Chelovek i vsemir. 11 no. 1:158-166 '67.

Matthaei, A. - Lenin's theory of two subdivisions of social production and practices in the building of socialism in the member countries of the Comintern. Vop. ekon. no. 1:111-123 Ja '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

323.8(97.7)—North Vietnam
Vo Nham Tri. - Economy of the Democratic Republic of Vietnam under war conditions. Mashinostroyeniye 18 no. 2:27-48 '68.

338.5 Price and value. Cost

- Bardiga, E. P., Kizilo-Kozlovskiy, A. I. - Principles of fixing new wholesale prices for ores and flames of ferrous metallurgy. *Obog. red.* 10 no. 134-36 '68.
 Datsheva, V. A. - Perfecting the calculation of production costs for the complete processing of corn. *Sakh. prom.* 42 no. 11: 13-14 '68.
 Dobryshin, P. - Price determination in construction. *Plan. ekon.* 46 no. 144-45 '68.
 The estimated price reform in construction. *Ekon. sbor.* 16 no. 123-7 '68.
 Olgodid, V. S. - Estimated prices of starch products. *Sakh. prom.* 42 no. 11: 17-18 '68.
 Popov, N. G. - Possibilities of decreasing the sugar costs in plants of the R.S.F.S.R. *Sakh. prom.* 42 no. 11: 44-46 '68.
 Shapoval, I. U. - Determination of mining costs. *Shakht. sbor.* 22 no. 147-9 '68.

338.9 Factors of production. Form of economy, etc.

- Gavrilov, M. M. - Problems connected with further industrialization of installation of steel pipe. *Stroi. trudy* 11 no. 114-15 '68.
 Melashin, M., Charevko, I., Palkovskiy, L. - Starting up new enterprises and their economic incentives. *Plan. ekon.* 44 no. 144-46 '68.
 Prefabrication and packaging should be adopted in the construction work of the enterprises of the petroleum and gas industries. *Stroi. trudy* 11 no. 128-37 '68.
 Zilch, P. A. - Determining standard requirements of assembly cranes for the construction of chemical and oil refining enterprises. *Mekh. sbor.* 23 no. 413-15 '68.

338.9(477.8)—Western Ukraine

- Sokolov, T. I. - Efforts of the laboring classes of Lvov to carry out the nationalization of industry, September-December 1920. *Viznyk L'viv na Ser. ist.* no. 4: 3-10 '67.

338.9(477.1)—Yugoslavia

- Georgiev, I. U. - A new version of socialism in Yugoslavia. *Kommunist* 45 no. 10: 63-67 '68.

338.9(58.6)—India

- Division of India into economic regions: problems and plans. *Izv. AN SSSR. Ser. geog.* no. 5: 11-16 '68.

338.9(571)—Atlantic R.S.F.S.R.

- D'Imenso, P. V. - Development of new regions and economic complexes of the West Siberian Lowland. *Izv. AN SSSR. Ser. geog.* no. 5: 84-92 '68.

338.9(573.4)—Turkmen S.S.R.

- Khoshin, V. - Use of capital investments in the industry of the Turkmen S.S.R. *Izv. AN Turk. SSR. Ser. obshchestv. nauk* no. 4: 13-18 '68.

338.9(58)—Brazil

- Tshkasev, O. - Industrialization of Brazil and foreign capital. *Mech. sbor.* 23 no. 11: 11-12 '68.

338.91 Capital. Labor. Raw materials. Natural energy

338.9(71)—Canada

- Night, I. U. - Canada: the balance of strategic raw materials supply. *Mech. sbor.* 23 no. 11: 18-19 '68.

338.92 Economic planning and control

- Let us complete the year as book workers should! *Agitator* no. 22: 4-6 '68.
 Muzanova, M. - Regional proportions of economic development. *Plan. ekon.* 44 no. 110-12 '68.
 Mostin, V. M. - Effectiveness of the operation of enterprises under new conditions of planning and economic stimulation. *Pril. i stat. opr.* no. 6: 24-25 '67.

338.9(43)—German Democratic Republic

- Zakharov, I. U. - Important sections. *Mech. sbor.* 23 no. 11: 15-16 '68.

338.9(44)—France

- Kirshner, B., Ribard, P. - Generalized dynamic model of an economic system and its use in planning. *Ekon. i stat. metod.* 4 no. 6: 171-186 '68.

338.93 Distribution, consumption of wealth or goods, standard of living, etc.

- Tshkasev, A. G. - National accounts and statistical planning. *Ekon. i stat. metod.* 4 no. 6: 186-190 '68.

339(728.1)—Cuba

- Perezhin, A. - Cuba: the fruits of the revolution. *Mech. sbor.* 23 no. 11: 19-20 '68.

339.5 Conservation of wealth and natural resources

- A. I. Biosphere and economics. *Vop. ekon.* no. 11: 13-15 '68.
 Economic evaluation of natural resources: review of articles received by the editor. *Vop. ekon.* no. 11: 16-18 '68.
 Khachaturov, T. - Economic evaluation of natural resources. *Vop. ekon.* no. 11: 14-15 '68.

34 JURISPRUDENCE. LAW. LEGISLATION

- Lyubov, A. P. - From the history of interrelationships of social psychology and jurisprudence. *Vest. LGU* 23 no. 2: 74-79 '68.

34(53)—Northwest Africa, Egypt and Sudan

- Shahov, G. I. - Legal education in the Sudan. *Vest. LGU* 23 no. 2: 103-104 '68.

340.6 Forensic medicine and chemistry. Medical jurisprudence

- Gordienko, M. M. - Poisoning by vinegar essence. *Vrach. delo.* no. 1: 146-148 '68.
 Shupik, I. U. P. - Possibilities of expert examination of ashes by monochromatic and soft X-irradiation. *Vrach. delo.* no. 1: 113-114 '68.

340.98 Trials. Litigation and action

- Decisions of the Plenary Session of the Supreme Court of the U.S.S.R. in individual cases. *Bul. Verkh. Suda* no. 6: 21-22 '67.
 Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U.S.S.R. *Bul. Verkh. Suda* no. 6: 34-35 '67.
 Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U.S.S.R. *Bul. Verkh. Suda* no. 6: 36-37 '67.

341 International law

341(84)—Near East

- Blizhenko, I. - International law and the crisis in the Middle East. *Mech. sbor.* 23 no. 1: 30-48 '68.

341.123 United Nations

- Alekseyev, A. - Mongolization treaty and the security of nations. *Mech. sbor.* 23 no. 1: 11-12 '68.
 Tikhvinskii, B. - UNCTAD and the burning international problems. *Mech. sbor.* 23 no. 1: 92-93 '68.

341.2 International relations and treaties

- Alekseyev, A. - Mongolization treaty and the security of nations. *Mech. sbor.* 23 no. 1: 11-12 '68.
 Bay, A. - Regular injection of war hysteria. *Mech. sbor.* 23 no. 1: 11-12 '68.
 Kalidkin, G. - Forbid the use of sea bottom for military purposes. *Mech. sbor.* 23 no. 1: 23-27 '68.
 Palkin, V. - What is the "gray zone"? *Mech. sbor.* 23 no. 1: 45 '68.
 Petrov, M. - The U.S.S.R. striving for the prohibition of nuclear armaments. *Mech. sbor.* 23 no. 1: 3-8 '68.
 Poliansky, M. - Bonn's challenge to Europe. *Mech. sbor.* 23 no. 1: 13-14 '68.
 Moskvin, K. - United States flares up Mediterranean tensions. *Mech. sbor.* 23 no. 1: 47-52 '68.
 Tshkasev, O. - The Arab, the Pentagon, and NATO. *Nov. vrem.* 27 no. 7: 6-9 '68.

342 Public law. Constitutional law

- Lebedev, P. N., Spiridonov, L. I. - Possibilities of the systemic analysis of constitutional law phenomena. *Vest. LGU* 23 no. 2: 84-93 '68.

342.4 Constitutions

- Stepanova, S. - Socialist democracy on Constitution Day of the U.S.S.R. (December 31). *Agitator* no. 22: 21-22 '68.

343 Criminal law

- Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U.S.S.R. *Bul. Verkh. Suda* no. 6: 36-37 '67.

343.1 Criminal procedure

- Mukhin, I. I. - Concept of truth and the evaluation of evidence in the execution of justice. *Vest. LGU* 23 no. 2: 101-111 '68.

343.2 Penal law and penalties

- Decree of the Presidium of the Supreme Soviet of the U.S.S.R. "Anniversary in connection with the 50th anniversary of the Great October Socialist Revolution." *Bul. Verkh. Suda* no. 6: 11-14 '67.

343.25 Crime prevention

- Derbasov, A. P. - Presenting suggestions by the pre-trial investigator for taking measures in the prevention of grounds and conditions contributing to the commission of crimes. *Vest. LGU* 23 no. 2: 113-114 '68.

343.918 Juvenile delinquency

- Glinin, M. M. - Joint work of the schools, the family, and society in the prevention and conquest of the task of discipline and the antisocial behavior in youth. *Uch. zap. Nov. gos. ped. inst.* 10: 45-50 '68.

343.977 Criminal investigation

- Derbasov, A. P. - Presenting suggestions by the pre-trial investigator for taking measures in the prevention of grounds and conditions contributing to the commission of crimes. *Vest. LGU* 23 no. 2: 113-114 '68.

347 Private law. Civil law

- Rott, A. V. - Legal constitution. *Vrach. delo.* no. 1: 187 '68.

347.8 Family law. Hereditary law

- Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U.S.S.R. *Bul. Verkh. Suda* no. 6: 34-35 '67.

347.9 Procedure. Judiciary personnel organization, courts

- [Bulletin of the Supreme Court of the R.S.F.S.R.] *Bul. Verkh. Suda* 23: 103-104 '68.
 Decision of the Supreme Soviet of the U.S.S.R. "Appointment of members of the Supreme Court of the U.S.S.R." *Bul. Verkh. Suda* no. 6: 8 '67.
 Decree of the Presidium of the Supreme Soviet of the U.S.S.R. "On the introduction of amendments to Regulations on the Supreme Court of the U.S.S.R." *Bul. Verkh. Suda* no. 6: 9-11 '67.
 The 50th anniversary of V. I. Lenin's decree on courts. *Bul. Verkh. Suda* no. 6: 6-7 '67.
 Grand meeting in the Kremlin. *Bul. Verkh. Suda* no. 6: 5 '67.
 To the Central Committee of the Communist Party of the Soviet Union, Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. A message from the attendees of a grand meeting in the Kremlin. *Bul. Verkh. Suda* no. 6: 4 '67.
 To the personnel of Soviet courts. Greetings sent by the Central Committee of the CPSU and the Presidium of the Supreme Soviet of the U.S.S.R. *Bul. Verkh. Suda* no. 6: 3 '67.

347.943 Evidence

- Mukhin, I. I. - Concept of truth and the evaluation of evidence in the execution of justice. *Vest. LGU* 23 no. 2: 101-111 '68.

347.953 Judges. Court personnel

- Awards bestowed upon judicial personnel by the Soviet Government. *Bul. Verkh. Suda* no. 6: 4-6 '67.
 Decision of the Supreme Soviet of the U.S.S.R. "Appointment of members of the Supreme Courts of the U.S.S.R." *Bul. Verkh. Suda* no. 6: 8 '67.

35 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW

35.08 Public servants and personnel

- 35.08(477)—Czechoslovakia
 People and events. *Nov. vrem.* 27 no. 7: 15 '68.
 35.08(533)—Yemen
 People and events. *Nov. vrem.* 27 no. 7: 28 '68.

351 Government legislation. Public services. Control. Regulations

- 351(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)
 [Gazette of the Supreme Soviet of the R.S.F.S.R.] *Ved. Verkh. Sov. RSFSR* no. 7: 6(41-44) '68.
 351(58)—Southern Africa (including Rhodesia)
 Apartheid in practice. Press evidence. *Agitator* no. 22: 23 '68.

351.77 Public health. Food. Housing, etc.

- Podiatovskiy, M. - The food supply policy of the Soviet government in 1918-1920. *Mech. sbor.* 23 no. 1: 13-18 '68.

351.77(471.44)—Austrian Province

- Strigilov, P. - There is a man behind each complaint. *Sov. profsoyuz* 34 no. 1: 122-123 '68.

351.81 Communications. Traffic. Transport

- At the board meeting of the Ministry. *Avi. transport* 46 no. 14: 54-56 '68.
 Mezhik, A. I. - Review of the surgical activity of the therapeutic installations of the Baltic Railroad in 1962. *Shor. trad. vrach. Pribalt. shkol. dor.* no. 4: 8-13 '68.

351.82 Economic legislation and control, agriculture, trade and industry

- Kharatbilov, O. G. - Right to hold membership. *Vest. LGU* 23 no. 2: 94-100 '68.
 Krasner, G. P. - It is necessary to regulate the standards of poststandard measuring equipment. *Izv. tekhn.* no. 16: 61-68 '68.

361.53 Labor legislation and control
Nisvayin, E. - Social insurance for the collective farm key personnel. *Otkr. truda i sots. strakh.* 11 no. 12:26-27 D '68.

Decision No. 6 of the Plenary Session of the Supreme Court of the U.S.S.R. "Raising the role of courts in ensuring the observance of labor laws and tightening labor discipline in industrial enterprises, organizations, and offices." *Biml. Verkh. Suda.* no. 6:17-18 '67.

Decision No. 7 of the Plenary Session of the Supreme Court of the U.S.S.R. "Introduction of amendments to decision No. 13 of the Plenary Session of the Supreme Court of the U.S.S.R. of September 12, 1967 'On judicial practice in civil law labor disputes.'" *Biml. Verkh. Suda.* no. 6:19-20 '67.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. *Sots. trud.* 13 no. 10:155-157 O '68.

Information on the Plenary Session of the Supreme Court of the U.S.S.R. *Biml. Verkh. Suda.* no. 6:18-19 '67.

361.54 Public education, enlightenment and culture. Encouragement of science and the arts, etc.
Alekisimov, A. - Exploitation of foreign talents. *Mezh-dunar. zhizn'* 15 no. 1:123-124 '68.

362 Local government. Municipal administration
Sushkov, T. - Local soviets and life. *Kommunist* 45 no. 3:55-56 F '68.

364 Central government. Ministries
364(73) - United States of America
Shvedkov, Yu. - New administration of the U.S.A. *Mezh-dunar. zhizn'* 16 no. 2:143-145 '68.

365 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES
Orachin, A. - V.I. Lenin and the building of Soviet Armed Forces. *Kommunist* 45 no. 2:35-38 F '68.

365.02 National defense policy. Military policy
365.02(43) - Federal Republic of Germany
Gleason, M. - Militaristic fever in the Federal Republic of Germany. *Mezh-dunar. zhizn'* 16 no. 2:38-39 F '68.

365.03(53) - Southern Africa (including Rhodesia)
Romanov, V. - Threat from the Republic of South Africa. *Am. i Afr. seg.* 12 no. 2:13-15 F '68.

365.2 Peace personnel. Mobilization
365.2(47) - Turkey S.S.R.
Korshina, V.M. - Formation of national units of the Red Army in Turkmenistan (1924-1928). *Izv. AN Turk. SSR. Ser. obshchestv. nauk.* no. 4:11-17 '68.

365.33 Political education and training of military personnel. Communist Party and the armed forces
Orachin, A. - V.I. Lenin and the building of Soviet Armed Forces. *Kommunist* 45 no. 2:35-38 F '68.

365.5 Military training. Exercises. Drill
Krenin, B. - Summing up the results. *Av. i kosm.* no. 12:64-65 D '68.

365.7 Military establishments, depots, etc.
365.7(73) - United States of America
Mikin, A. - American bases in Spain. *Mezh-dunar. zhizn'* 16 no. 1:154-157 '68.

Teplinski, R. - The Apollo, the Pentagon, and NATO. *Sov. vrem.* 27 no. 7:18-8 F '68.

366.4 Air force
Bortsov, A. - Progress report and election meetings of the Party. *Av. i kosm.* no. 12:18-19 D '68.

36 SOCIAL RELIEF AND WELFARE. UNEMPLOYMENT
366.4(73) - United States of America
Dutrov, V. - Air reconnaissance in a "linked" war. *Av. i kosm.* no. 12:28-29 D '68.

362 Social welfare
Chernov, M.P. - Program of the Scientific Council of the Ministry of Social Security of the R.S.F.S.R. *Prost. i. prof. sovet.* no. 6:179 '63.

362.1 Medical (health) service. Hospitals, clinics, sanatoriums, spas, etc.
Bogdanovskiy, A.K. - Contrast methods of X-ray studies in a rural regional hospital. *Vrach. delo.* no. 1:129-140 Ja '68.

362.1(47) - Hungary
Lazarevskiy, E.L. - Atypical forms of chronic nonspecific tonsillitis in the practice of public health dispensaries. *Trudy GIM* no. 8:107-114 '64.

362.1(47) - USSR
Kiselevskiy, R. Kh. - Methods of dispensary services in dermatological diseases. *Vest. dermat. ven.* 32 no. 12:43-44 D '68.

362.1(47) - USSR
Korshina, M.A. - Organization of dispensary services to patients with fibrocavernous tuberculosis in rural areas. *Vrach. delo.* no. 1:123-130 Ja '68.

362.1(47) - USSR
Mashchenko, M. A. - Experience in the treatment of cancer of the lip under local conditions. *Klin. onk.* no. 2:164-167 '68.

362.1(47) - USSR
Mashin, A. Yu. - Review of the surgical activity of the therapeutic installations of the Baltic Railroad in 1963. *Bor. trud. vrach. Prikl. shch. dor.* no. 4:5-18 '68.

362.1(47) - USSR
Polonovskiy, V. - Medical treatment and rest in winter. *Otkr. truda i sots. strakh.* 11 no. 12:22-23 D '68.

362.1(47) - USSR
Voloshchenko, A. M. - Experience in the treatment of and dispensary services to patients with osteoarthritis and localized osteoma. *Vest. dermat. ven.* 36 no. 7:63-68 J '68.

362.1(47) - USSR
Zharikov, L. V., Ginzova, L. I. - Work experience of a sanatorium for patients with polyarthritis aftereffects. *Trudy Tomsk. VUZ* 1963:13-14 '64.

362.1(47) - USSR
Gaidin, L. - The oldest sanatorium in Russia. *Otkr. truda i sots. strakh.* 11 no. 12:24-25 D '68.

362.1(47) - USSR
Ponomarev, M. K. - Dispensary service in some thoracic diseases as a method of prevention and reduction of morbidity. *Bor. trud. vrach. Prikl. shch. dor.* no. 4:73-80 '68.

362.1(47) - USSR
Tarasova, E. M. - Effect of immunization on the course of whooping cough based on materials of the railroad pediatric polyclinic of Riga station. *Bor. trud. vrach. Prikl. shch. dor.* no. 4:113-121 '68.

362.1(47) - USSR
Bortsova, A. S. - State of dispensary service and temporary disability in peptic ulcer. *Bor. trud. vrach. Prikl. shch. dor.* no. 4:81-83 '68.

362.1(47) - USSR
Belinskii, Y. P. - Treatment of atherosclerosis at the Krasnaya Health Resort. *Vrach. delo.* no. 1:82-83 Ja '68.

362.1(47) - USSR
Marozenko, S. M. - Pirogov Hospital in Kiev. *Klin. khir.* no. 2:72-78 F '64.

362.4 Welfare of physically handicapped
Preferential terms of the agricultural tax extended to the disabled. *Sots. obshch.* 44 no. 1:130-31 Ja '68.

362.4(47) - USSR
International symposium. *Sots. obshch.* 44 no. 1:16-18 Ja '68.

362.6 Welfare of aged, infirm and sick
Homes will be typified. *Sots. obshch.* 44 no. 1:12-13 Ja '68.

362.6(47) - USSR
Voyevod, V. A. - Clinical aspects and treatment of aorta in elderly patients. *Klin. onk.* no. 1:128-129 '68.

362.6(47) - USSR
Markenkov, L. - Our best friends. *Sots. obshch.* 44 no. 1:27-28 Ja '68.

362.6(47) - USSR
Dyobasobikova, M. - Joyous changes. *Sots. obshch.* 44 no. 1:22-23 Ja '68.

362.6(47) - USSR
Nigmatullina, D. - Responsibility of the doctor. *Sots. obshch.* 44 no. 1:24-25 Ja '68.

362.6(47) - USSR
Vaf'lov, I., and others. - Interesting figures for obshch. 44 no. 1:22-24 Ja '68.

362.7 Child welfare: care, adoption, etc.
Homes will be typified. *Sots. obshch.* 44 no. 1:12-13 Ja '68.

362.7(47) - USSR
Myronov, M. - Preparing for life in the main thing. *Sots. obshch.* 44 no. 1:28-29 Ja '68.

367 Institutions for social intercourse. Clubs, etc.
Kireev, V. - Clubs on the wheels. *Sov. profsoyuz* 11 no. 2:124-27 M '68.

368 Insurance
Demochkov, V. - Promoting problems of the state insurance work. *Vna. sovet.* 43 no. 12:7-14 D '68.

368.4 Social insurance. Workmen's insurance
Atokov, N. - Public control. *Sots. obshch.* 44 no. 1:7-8 Ja '68.

368.4(47) - USSR
Nisvayin, E. - Social insurance for the collective farm key personnel. *Otkr. truda i sots. strakh.* 11 no. 12:26-27 D '68.

368.4(47) - USSR
Korshina, M. A. - Medical expertise of the capacity to work in patients with poronovitis. *Klin. khir.* no. 1:15-17 A '64.

368.4(47) - USSR
Komarova, I. - More attention to the people. *Sots. obshch.* 44 no. 1:1-2 Ja '68.

368.4(47) - USSR
Mashchenko, P. - Social insurance in the collective farm. *Sots. obshch.* 44 no. 1:28-29 Ja '68.

368.4(47) - USSR
Zhilova, M. - Inspection of accidents. *Sots. obshch.* 44 no. 1:14-15 Ja '68.

368.4(47) - USSR
Shaykov, A. - Shock work for Lenin's anniversary. *Sots. obshch.* 44 no. 1:4-5 Ja '68.

368.4(47) - USSR
Tatkin, A. - The heat in town. *Sots. obshch.* 44 no. 1:28-29 Ja '68.

368.42 Social health insurance. Insurance against occupational diseases
Kuznetsov, M. - (On the health budget better. *Otkr. truda i sots. strakh.* 11 no. 12:2-3 D '68.

368.42(47) - USSR
Administration of pensions and allowances by collective farm members. *Sots. obshch.* 44 no. 1:22-23 Ja '68.

368.42(47) - USSR
Topolov, I. - Improve the centralization of pensioning and allowances. *Sots. obshch.* 44 no. 1:22-23 Ja '68.

368.42(47) - USSR
Vaf'lov, I. - Change of living average monthly salary in nonworking state pensioners. *Sots. obshch.* 44 no. 1:24-25 Ja '68.

368.42(47) - USSR
Pavlova, O. - In order to have a better life. *Sots. obshch.* 44 no. 1:16-17 Ja '68.

368.42(47) - USSR
Atakhanov, M. - What should the initial day for pensioning be? *Sots. obshch.* 44 no. 1:17-18 Ja '68.

368.42(47) - USSR
Kozlov, A. - Secretary of the collective farm council reports. *Sots. obshch.* 44 no. 1:21 Ja '68.

368.4 Youth movements. Youth associations
Our historical period after Lenin. *Mezhdunar. zhizn'* 16 no. 10:1 O '68.

368.4(73) - United States of America
Korshina, V. - Young people protest. *Mezh-dunar. zhizn'* 16 no. 1:150 '68.

37 EDUCATION
Alov, M. - Education and life. *Otkr. truda i sots. strakh.* 11 no. 1:17-18 Ja '68.

37 (Continued)

- Barmenova, K. P. - Problems in developing schoolchildren's imagination; based on material from the study of history in the 6th grades. Uch. zap. Nov. gos. ped. inst. 10:50-57 '68.
- Chern, M. N. - Joint work of the schools, the family, and society in the prevention and conquest of the habit of delinquency and the antisocial behavior in youth. Uch. zap. Nov. gos. ped. inst. 10:45-55 '68.
- Good initiative, useful work. Mar. obr. no. 10:16-18, 23, O '68.
- Kislovskaya, R. L. - The problem of the principles of research in the education of younger schoolchildren. Uch. zap. Nov. gos. ped. inst. 10:159-160 '68.
- Larin, A. P. - The essence of independence and its significance. Uch. zap. Pskov gos. ped. inst. no. 22 50-57 '67.
- Lobinskiy, V. I. A. - Interrelation and interdependence of near, intermediate and far prospects in the development of a school community. Uch. zap. Pskov gos. ped. inst. no. 22 117-120 '67.
- Ovchinnikova, E. L. - The graphic and the conceptual in developing concepts on the basis of an instructional picture and a plan-scheme in younger and older adolescents. Uch. zap. Nov. gos. ped. inst. 10:144-145 '68.
- Pavlov, K. D. - Socialization of youth in children. Uch. zap. Nov. gos. ped. inst. 10:55-58 '68.
- Pravitskaya, L., and others. - News in education from various countries. Mar. obr. no. 10:104-106 O '68.
- Shchiba, Z. - The October Manifesto of Soviet education. Mar. obr. no. 10:84-85 O '68.
- Shchukina, L. T. - Teaching students to budget their time efficiently. Rad. shk. 47 no. 10:95-103 O '68.
- Shchuk, L. A. - Significance of the aesthetic theory in the process of education. Izv. AN Turk. SSR, Ser. Obshchestv. nauk no. 4:39-44 '68.
- Shchuk, I. M., Varfolomeev, K. N. - From experience in aesthetic education of students. Uch. zap. Nov. gos. ped. inst. 10:2-18 '68.
- Shchukova, G. - What documents confirm studies in higher and secondary schools. Soiz. obshch. 44 no. 11 28-41 Ja '68.
- Timoshenko, T. I. - Stages in the development of creative activity in 8th grade students. Uch. zap. Nov. gos. ped. inst. 10:118-126 '68.
- The teacher and his work. Dozhik vosp. 41 no. 9:3-8 '68.
- We need to know the work and to accept the responsibility for it. Mar. obr. no. 10:3-7 O '68.
- Vafinskaya, V. - Among the "good and the different." Dozhik vosp. 41 no. 9:75-77 '68.
- Zaver, I. U. - Centralized bookkeeping is needed. Mar. obr. no. 10:27-28 O '68.

37(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

Kislovskaya, R. - Important tasks of the provincial department of public education. Mar. obr. no. 10:15-22 O '68.

37(471.23)—Karelian A.S.S.R.

Georgievskiy, E. - Finding the fine things on our contemporaries. Mar. obr. no. 10:78-79 O '68.

37(471.333)—Leningrad Province

Krasnaya, M. - Useful experience. Fiz. gos. 43 no. 13:74 D '68.

37(471.34)—Murmansk Province

Kislovskaya, R. A. - From the history of public education in Murmansk Province. Uch. zap. Nov. gos. ped. inst. 10:2-4 '68.

37(471.5)—Ural regions

Vafinskaya, M. M. - History of the development of public education in Urals during the first five-year plan. Dokl. na sess. dok. sov. Sverdlovsk. obl. kraev. muz. no. 3: 75-80 '68.

37(477)—Ukrainian S.S.R.

Kozlov, B. - Following Lenin's legacy. Rad. shk. 47 no. 10:1-11 O '68.

Shchuk, M. - What is Pavlysh? Dozhik vosp. 41 no. 9:21-22 '68.

37(477.6)—Donetsk Basin

Vafinskaya, M. - The theme of the lecture, heroism. Mar. obr. no. 10:74-75 O '68.

37(477.8)—Western Ukraine

Kislovskaya, R. A. - Development of education in the western provinces of the Ukrainian S.S.R. during the Soviet regime. Vperyti L'viv. na. Ser. ist. no. 4:11-20 '67.

37(486)—Sweden

Kislovskaya, R. - Five-day school week in Sweden. Mar. obr. no. 10:100-103 O '68.

37(487.3)—Bulgaria

Yarlov, V. G. - Achievements and prospects for Bulgarian schools. Rad. shk. 47 no. 10:110-112 O '68.

37(471.151)—Gorno-Altai Autonomous Province

Kislovskaya, R. - Grade supervisors and parents. Mar. obr. no. 10:57-70 O '68.

37(488) Educational psychology

Artemova, L. - Training in behavior through games with rules. Dozhik vosp. 41 no. 9:25-30 '68.

Kislovskaya, R. A. - Talents and their development in students. Rad. shk. 47 no. 10:40-55 O '68.

37(17) Communist education

- Dikareva, A. I. - Out-of-class work in the development of a communist world view and culture in students. Uch. zap. Pskov gos. ped. inst. no. 22:54-55 '67.
- Disseminates Lenin's ideas among the masses. Sov. profsoyuz 24 no. 21 14-15 M '68.
- Dmitrieva, A. G. - Communist commissions, the way to develop activity and independence in students of senior classes. Uch. zap. Pskov gos. ped. inst. no. 22:21-22 '67.
- Fedorov, L. P. - Educating students in the traditions of the Lenin Komsomol. Rad. shk. 47 no. 10:34-36 O '68.
- Vilshitskiy, V. I. - The All-Union Young Communist League named after Lenin: decision of the Central Committee of the CPSU. Kommunist 45 no. 18:2-12 O '68.
- Iurov, S. I., Iurova, T. I. A. - Transition from nonreligious to antireligious education of students in senior grades. Uch. zap. Pskov gos. ped. inst. no. 22:24-25 '67.
- Kocherzhenko, O. M. - "Prometey", the political club of senior students. Rad. shk. 47 no. 10:48-49, 52, '68.
- Skudler, A. V. - Family relations of youth and parents and means of their development. Uch. zap. Pskov gos. ped. inst. no. 22:47-54 '67.
- Tikhonov, K. - As active aid to the party. Kommunist 45 no. 18:15-24 O '68.
- Vafinskaya, M. - The theme of the lecture, heroism. Mar. obr. no. 10:74-75 O '68.

37(17(471.23))—Orel Province

Kislovskaya, R. - One seminar is not enough.... Agitator no. 23:45-50 M '68.

37(1) School organization. Educational systems

- Kislovskaya, R. - Important tasks of the provincial department of public education. Mar. obr. no. 10:15-22 O '68.
- Lokovskiy, M. P. - From experience in lesson planning. Rad. shk. 47 no. 10:162-166 O '68.

37(471.48)—Volgograd Province

Kislovskaya, R. - It is possible to work without having repeating students. Mar. obr. no. 10:48-53 O '68.

37(471.4)—Kazakh S.S.R.

Kislovskaya, R. - Practical cooperation. Mar. obr. no. 10:23-25 O '68.

37(1.1) Management. Teaching staff

- Delegates are speaking about their friends and themselves. Dozhik vosp. 41 no. 9:68-74 '68.
- Education, propaganda, researchers. Mar. obr. no. 10:71 O '68.
- How to inspect a kindergarten. Dozhik vosp. 41 no. 8: 68-81 '68.
- Kislovskaya, R., Kozlovskaya, V., Tikhonovskiy, M. - The teacher and young parents. Dozhik vosp. 41 no. 9:43-48 '68.
- Kislovskaya, R., Tikhonovskiy, L., Kozlovskaya, T. - Kidnapper and teacher. Dozhik vosp. 41 no. 9:17-21 '68.
- Shchukovskiy, S. - Not only an organizer, but also an inspirer. Mar. obr. no. 10:68-71 O '68.
- The teacher and his work. Dozhik vosp. 41 no. 9:3-8 '68.
- The teacher, who is he? Dozhik vosp. 41 no. 9:30-33 '68.
- We need to know the work and to accept the responsibility for it. Mar. obr. no. 10:3-7 O '68.
- Tikhonovskiy, M., and others. - Before the new road. Dozhik vosp. 41 no. 9:8-15 '68.
- Volodina, O. - Trained by the Komsomol, faithful to its traditions. Mar. obr. no. 10:40-48 O '68.

37(1.126) Training of teachers

Vafinskaya, M. - Among the "good and the different." Dozhik vosp. 41 no. 9:75-77 '68.

37(1.126(471.63))—Perm Province

Shchuk, L. - Stimulating the participation of students in the study of pedagogy. Mar. obr. no. 10:25-30 O '68.

37(1.126(477))—Ukrainian S.S.R.

Dimitriyev, A. - Teachers are mastering the new programs. Mar. obr. no. 10:57-64 O '68.

37(1.2) Methods of instruction

- Barmenova, K. P. - Problems in developing schoolchildren's imagination; based on material from the study of history in the 6th grades. Uch. zap. Nov. gos. ped. inst. 10:50-57 '68.
- Belkin, K. L. - Methods for raising the effectiveness of the educational process in schools. Uch. zap. MOPI 117:27-30 '68.
- Borisov, K., Mitrofanov, V. - The Lenin legacy is the underlying principle of the work of the departments of political economy. Mosh. shkol. 34 no. 10:109-111 '68.

Barmenova, K. P. - Proposition in a Kazakh class; on the methodology of teaching. Trudy Alma.-Ata gos. med. inst. 23:530-541 '68.

Dmitrieva, M. P. - Independent work in botany classes. Uch. zap. Pskov gos. ped. inst. no. 22:50-51 '67.

Kislovskaya, R. A. - Methodology in using visual demonstration in the process of developing distinct ideas of work operations in younger schoolchildren. Uch. zap. Nov. gos. ped. inst. 10:243-253 '68.

Kislovskaya, R. - Parting the teaching of chemistry. Mar. obr. no. 10:44-45 O '68.

Kislovskaya, R. - Small schools. Mosh. shkola 36 no. 10 81-88 O '68.

Kislovskaya, R. L. - The problem of the principles of research in the education of younger schoolchildren. Uch. zap. Nov. gos. ped. inst. 10:159-160 '68.

Kislovskaya, R. P. - Some means of improving reading habits. Mosh. shkola 34 no. 10:30-32 O '68.

Kislovskaya, R. P. - Small cybernetic electronic machines for pedagogical research. Uch. zap. MOPI 117:30-48 '68.

Larichev, S. F. - Some possible uses of technical and visual teaching aids. Uch. zap. MOPI 117:123-125 '68.

Pavlov, I. - Young teachers. Mar. obr. no. 10:72-73 O '68.

Piotrovskiy, D. - It is possible to work without having repeating students. Mar. obr. no. 10:48-53 O '68.

Shchukova, A. G. - Analysis of errors as one of the methods to promote literacy. Trudy Alma.-Ata gos. med. inst. 23:545-547 '68.

Shchukovskiy, P. A. - Development of spatial images in older schoolchildren. Uch. zap. Pskov gos. ped. inst. no. 22 113-115 '67.

Shchukovskiy, P. A. - Formation and development of spatial concepts in students on the basis of generalization of material indications of elements of geometrical figures. Uch. zap. Pskov gos. ped. inst. no. 22 89-112 '67.

Shchukovskiy, A. I. - Substantiation of affective and participative. Trudy Alma.-Ata gos. med. inst. 23 542-544 '68.

Shchukovskiy, M. M. - Lessons in out-of-class reading. Mosh. shkola 34 no. 10:33-43 O '68.

Vafinskaya, M. - Current problems of programmed instruction. Rad. shk. 47 no. 10:87-91 O '68.

Vafinskaya, M. - Games and entertaining exercises during studies in phonetics and orthography. Mosh. shkola 34 no. 10:19-24 O '68.

Zapriyanskiy, V. - The individual approach. Mar. obr. no. 10:18-21 O '68.

37(1.6) Teaching and training rooms and equipment

Belkin, K. L. - Organization of self-teaching in stages in manual training classes in a locksmith's shop. Uch. zap. MOPI 117:52-55 '68.

Drya, L. I. - Portable screen for film projection in daylight. Rad. shk. 47 no. 10:185-186 O '68.

Krasov, A. - Children's furniture. Dozhik vosp. 41 no. 9:68-74 '68.

Larichev, S. F. - Some possible uses of technical and visual teaching aids. Uch. zap. MOPI 117:123-125 '68.

Lysenko, M. M. - Technical aids for checking and self-checking in the study of a screw-cutting lathe in school workshops. Uch. zap. MOPI 117:49-52 '68.

Mishin, K. - In the most ordinary things. Dozhik vosp. 41 no. 9:75-77 '68.

37(1.6(471.4))—Kazakh S.S.R.

Kislovskaya, R. A. - State of school furniture and armchairs in schoolchildren of Petropavlovsk. Trudy Alma.-Ata gos. med. inst. 23:40-46 '68.

37(1.7) School hygiene. Health, physical training, games

37(1.7(571.10))—Tomsk Province

Vafinskaya, M. - Occurrence of whooping cough in Tomsk day nurseries. Trudy Tomsk. 16:121-124 '64.

37(1.8) School life. Customs. Honor, uniform, etc.

Blinov, G., and others. - Correspondence seminar of school principals. More school clubs, various and good. Mar. obr. no. 10:100-103 O '68.

37(1.8(471.23))—Karelian A.S.S.R.

Georgievskiy, V. A. - Experience in the training of students in the clubs of the Petrosavodsk Palace for Pioneers and Schoolchildren. Uch. zap. Nov. gos. ped. inst. 10 64-77 '68.

37(1.9) Education of special categories of people: handicapped, ill, deaf and dumb, etc.

37(1.9(474.5))—Lithuanian S.S.R.

Borisov, M. - Preparing for life is the main thing. Soiz. obshch. 44 no. 11:25-28 Ja '69.

37(1.9) Preschool and elementary or primary education

Abdulmanov, R. M., Zaporozhskiy, G. R. - Problems solving by use of tables. Mosh. shkola 34 no. 10:86-87 O '68.

Apostolova, V., and others. - The author is absolutely right. Sov. muz. 20 no. 11:109 N '68.

Artemova, L. - Training in behavior through games with rules. Dozhik vosp. 41 no. 9:25-30 '68.

388 Metrology Weights and measures. Standardization

- Almazov, I. A., Il'in, A. A., Morikov, A. I. - State information systems in the field of metrology and measuring technology. *Izv. vuzov*, no. 10:3-6 O '68.
- Iskakov, M. I. - In the publishing house of state standards. *Izv. vuzov*, no. 10:60-70 O '68.
- In the Committee on Standards, Measurements, and Measuring Instruments Attached to the Council of Ministers of the U.S.S.R. *Izv. vuzov*, no. 10:67 O '68.
- Khramov, V. K. - Definition of the concept "control." *Izv. vuzov*, no. 10:58 O '68.
- Klaseberg, L. K. - The Hovgorod waxes barkovets of the 18th century. *Sov. arkhiv.* no. 4:110-123 '68.
- Kochin, V. P. - All-Union seminar on the Training of Inspectors. *Izv. vuzov*, no. 10:71 O '68.
- Krasovskiy, M. M. - Introduction of information and entropy measurement units into the system of measurements. *Izv. vuzov*, no. 10:87-88 O '68.
- Kurman, K. I., Lomayev, G. Y. - Workers of industrial enterprises talk about their work experience. *Izv. vuzov*, no. 10:71-73 O '68.
- Kuznetsov, V. P. - Standardization of errors of measuring instruments. *Izv. vuzov*, no. 10:48-57 O '68.
- Members of the All-Union Socialist Competition for the Second Quarter of 1968. *Izv. vuzov*, no. 10:67-69 O '68.
- Novik, G. I. - Organization in checking measuring equipment should be improved. *Izv. vuzov*, no. 10:84-85 O '68.
- Shchegolev, B. V., Kiselev, G. V. - Conference on measurement techniques and governmental metrological supervision. *Atom. energ.* 13 no. 6:844-845 D '68.
- The situation of the readers. *Izv. vuzov*, no. 10:78 O '68.
- Trutskiy, I. U. G. - Let's ensure the further development of metrological sections with volunteer staffs. *Izv. vuzov*, no. 10:83-84 O '68.

389 Standardization

- Bugova, L. V. - The basic task of laboratories is the implementation of State standards. *Stand. i kach.* 22 no. 11:60 N '68.
- Dobryakov, B. A. - Standardizing the rated life of anti-friction bearings. *Vest. mashinost.* 43 no. 11:40-43 N '68.
- Dobryakov, B. A. - Adhering to the requirements of a standard guarantees high-quality production. *Stand. i kach.* 22 no. 11:78 N '68.
- Dobryakov, B. A., Nekrylov, N. I., Ilyusov, V. A. - Standardization of short-wave radio communication stations. *Stand. i kach.* 22 no. 11:11-14 N '68.
- Kozlov, G. M. - Determining the term "unitization." *Stand. i kach.* 22 no. 11:28-30 N '68.
- Lachinadze, M. I. U. - Guarantees of implementing standards. *Stand. i kach.* 22 no. 11:76-78 N '68.
- New standards, norms, and guiding manuals in the optical-mechanical industry. *Opt.-mech. prom.* no. 8:67 Ja '68.
- New standards. *Stand. i kach.* 22 no. 11:90 N '68.
- New standards. *Stand. i kach.* 22 no. 11:85 N '68.
- New standards. *Stand. i kach.* 22 no. 11:87 N '68.
- Pechova, T. A. - Color standards are needed for finishing materials and coatings. *Stand. i kach.* 22 no. 11:7-9 N '68.
- Rekavitskiy, B. D., Lebedev, A. M. - Planning the work of overall standardization. *Stand. i kach.* 22 no. 11:10-11 N '68.
- Reiser, M. L., and others. - Economic efficiency of standards introduced in 1967. *Stand. i kach.* 22 no. 11: 20-23 N '68.
- Shk, I. M., Borokh, P. V. - What the State Standard on Precision Casting should include. *Lit. prom.* no. 3: 40-41 Mr '68.
- Shchegolev, B. A., Borodina, A. I. - Terminology problems in the standardization of steel. *Stand. i kach.* 22 no. 11:31-33 N '68.
- Solov'ev, M. V. - Standards for signal information cards should be worked out. *Stand. i kach.* 22 no. 11:86 N '68.
- Stetsko, P. E. - A contradiction of the system of precision standards. *Stand. i kach.* 22 no. 11:24-25 N '68.
- United States Standards System. *Stand. i kach.* 22 no. 11: 1-4 N '68.

390, 6(4)—United Kingdom and Northern Ireland

- Voyta, I. U. A., Korobeynikova, L. M. - Standardization of electrocopy methods in England. *Stand. i kach.* 22 no. 11:84-86 N '68.

39 ETHNOGRAPHY, CUSTOM AND TRADITION. FOLKLORE. SOCIAL ANTHROPOLOGY

- [New foreign literature on history, archaeology, and ethnography] *Mov. inostr. lit. po ist., arkhiv., i etn.* no. 16 '64.
- 39(471.62)—Adyghe Autonomous Province
Minkov, G. K. - Holidays and customs of the Adyghe connected with agriculture. *Uch. zap. KBNI* 24:111-116 '67.
- 39(471.64)—Kabardino-Balkar A. S. S. R.
Opyshko, O. L. - Old calendar systems of the Kabardino and Balkars. *Uch. zap. KBNI* 24:121-124 '67.
- 391 Customs. Adornment. Fashion
391(607)—Iraq
Vol'kov, L. - Iraqi national costumes. *As. i Afr. osv.* 13 no. 3:64 P '68.

392 Private and family life

- Skider, A. V. - Family relations of youth and parents and means of their development. *Uch. zap. Pedov. gos. ped. inst.* no. 23:47-54 '67.

393 Death rites, customs. Mourning

- 393(471.62)—Adyghe Autonomous Province
Antkova, S. Sh. - From the poetic legacy of the Adyghe. *Uch. zap. KBNI* 24:196-200 '67.

394 Women and society. Fashion

- 394(477)—Ukrainian S. S. R.
Obolenskaya, G. - Some problems of seeing women's work in industry. *Mash. dokl. vyz. shkoly. ekon. nauk* 11 no. 12: 34-41 '68.
- 394(474)—Kazakh S. S. R.
Buriakova, M. F. - Role of the sphere of service in solving the problem of using the labor resources in Kazakhstan. *Obshchestv. nauk* no. 11:177-186 '67.

395 Folklore

- Borshchinskaya, G. I. - One search by V. M. Serbskykh, the collector of folklores. *[Uch. zap.] Perm. ped. inst.* no. 40:103-109 '68.
- Shchegolev, L. S. - The Basia song cycle and historical songs of the 18th century. *Uch. zap. Ped. inst. Gork.* 23: 3-24 '67.
- Trenov, I. V. - History of folkloristics of the peoples of the Soviet Union. *Uch. zap. KBNI* 24:248-250 '67.

396(471.62)—Adyghe Autonomous Province

- Samoylov, L. - Dances of the Adyghe. *Uch. zap. KBNI* 24:125-132 '67.

396(736.1)—Cuba

- Jirassak, A. - Muses. - *Platónes in the caves of Cuba* *Archeologo. Priroda* no. 12:81-84 '68.

4. PHILOLOGY, LINGUISTICS, LANGUAGES

41 PHILOLOGY

- Corvinskaya, L. A. - Development of speech hearing in lessons in reading and writing. *Mach. shkola* 34 no. 10: 44-48 O '68.
- [New foreign literature on linguistics] *Mov. inostr. lit. po ling.* no. 10 '68.
- [New Soviet literature on linguistics] *Mov. sov. lit. po ling.* no. 10 '68.
- O. M. - At the Obninsk Pedagogical Institute. *Rad. lit.* 10 no. 6:64 Ja '68.
- Shchegolev, B. A., Shchegolev, B. A. - Third All-Union Conference on Problems in Classical Philology. *Rad. lit.* 11 no. 11:64-66 N '68.
- Vodchagova, G. M., Gruzdev, B. V. - Cause and externalizing exercises during studies in phonetics and orthography. *Mach. shkola* 34 no. 10:48-50 O '68.

43 Germanic languages

- Beloseva, L. I. - Expression of time relations by prepositional case constructions with the preposition "in" in modern German. *Uch. zap. KBNI* 24:22-23 '67.

43.1 English

- Khoshalinskaya, D. A. - Monosyllabic phonological units with the structure of the combination of words in American English. *Soob. AN Gruz. SSR* 61 no. 3:782-785 '68.

463 Russian

- Brasova, K. M. - Preposition in a Russian class on the methodology of teaching. *Trudy Alma.-Ata. gos. med. inst.* 23:233-241 '68.
- Dyalchuk, G. - Through the pages of the periodical "Russkaya reka." *Dobik. voep.* 41 no. 6:64-66 '68.
- Gordey, O. I. - Some characteristics of the use of adjectives in the Russian language of the Tumen region. *Uch. zap. TGU* no. 64:130-134 '68.
- Iakovleva, G. A. - Phonemic features of the Russian dialects along the Terek. *Uch. zap. KBNI* 24:111-130 '67.
- Iordanskaya, S. I. - Significance of postpositive member in North Russian dialects. *Soob. AN Gruz. SSR* 61 no. 3:773-783 '68.
- Klimovskaya, G. I. - The artificial character of the prepositional regime in the group of attributive and attributive words in modern Russian. *Uch. zap. TGU* no. 64: 131-133 '68.
- Klimovskaya, G. I. - Some consequences of the levitation of the originally postpositional attribute in the history of the Russian language. *Uch. zap. TGU* no. 64:75-92 '68.

- Maslova, V. G. - Adverbs in the Russian and Kazakh languages. *Trudy Alma.-Ata. gos. med. inst.* 23: 243-248 '68.

- Pantaleeva, E. M. - Some problems of changes in the syntax of the prepositional constructions; based on material of dialects of Kemerovo Province. *Uch. zap. TGU* no. 64:104-109 '68.

- Pantaleeva, E. M. - Some problems of the development of synonymy of prepositional constructions; based on material of dialects of Kemerovo Province. *Uch. zap. TGU* no. 64:110-118 '68.

- Smirnova, A. G. - Analysis of errors as one of the methods to promote literacy. *Trudy Alma.-Ata. gos. med. inst.* 23:243-247 '68.

- Steklova, A. L. - Substantiation of adjectives and participles. *Trudy Alma.-Ata. gos. med. inst.* 23:243-244 '68.

49-1 Ural-Altaic languages

- Mukhammedova, E. B. - Reviewing verbal moods in the Arabic-language philological writings of the eleventh to fourteenth centuries. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:88-93 '68.

- Maslova, V. G. - Adverbs in the Russian and Kazakh languages. *Trudy Alma.-Ata. gos. med. inst.* 23: 243-248 '68.

- Sapozhova, G. - Forms of present and future tenses in the Khasar dialect. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:83-86 '68.

- Kozov, I. U. - Semantics of the etymons *konur/kair*. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:86-90 '68.

49-6 Caucasian languages

- Ragov, P. M. - Grammatical and lexical features of the Kabard-Zelenokob dialects in the Kabardin-Cherkess languages. *Uch. zap. KBNI* 24:121-128 '67.

- Kashchey, T. - Defense of dissertations on problems of the Kabardin-Cherkess language. *Uch. zap. KBNI* 24:121 '67.

- Malo, A. Kh. - Origin of the word "tsh' (tsh)" - "god." *Uch. zap. KBNI* 24:121-127 '67.

- Ragov, G. V. - Sonorization of the personal prefixes *sh* and *y* in the Kabardin language. *Uch. zap. KBNI* 24: 121-122 '67.

- Rotov, P. S. - Study of names of mountains. *Uch. zap. KBNI* 24:123-124 '67.

5. MATHEMATICS AND NATURAL SCIENCES

500 General

- Metel'skiy, V. A., Orlov, V. V. - Differentiation and integration in the development of living organisms. *Uch. zap. Perm. gos. un.* no. 13:13-20 '68.

502 Natural history in general

- Mogil'gard, V. - Problem of life in modern natural sciences. *Kommunist* 45 no. 3:83-88 P '68.

- 502.7 Nature and wildlife protection. Wildlife management
Klyukina, A. I. - Native regions. *Ornithol.* 43 no. 4: 147-171 Ag '68.

- 502.7(42.8)—Caspian Sea
Skas', I. I. - How to save the Caspian Sea. *Priroda* no. 12: 78-79 '68.

51 MATHEMATICS

- Fedrah, O. I. - Studying the theme "Natural numbers and principles of mathematical induction." *Rad. shk.* 47 no. 10:14-16 O '68.

511 Arithmetic

- Abdul'manov, R. M., Kaporoshev, G. E. - Problems solving by use of tables. *Mach. shkola* 34 no. 10:84-87 O '68.
- Fedorov, M. V. - Independent work of 1st graders while studying numbers up to ten. *Rad. shk.* 47 no. 10:67-71 O '68.
- Lomachev, G. A. - Number of representations of numbers by certain quadratic forms with four variables. *Soob. AN Gruz. SSR* 60 no. 3:283-285 My '68.
- Masala, J. - Study of written division. *Mach. shkola* 34 no. 10:83-85 O '68.
- Radenkii, A. I. - Multiplication of multi-digit numbers. *Mach. shkola* 34 no. 10:81-83 O '68.

511.3 Theory of numbers

- Barina, R. I. - Representation of numbers by quadratic forms with four variables. *Soob. AN Gruz. SSR* 60 no. 3:267-273 My '68.

512.3 Equations

- Paradise, D. G. - Distribution of errors in solving a system of linear algebraic equations by the iterative method. *Soob. AN Gruz. SSR* 60 no. 3:283-284 My '68.

- Kaderli, H. H. - Equation for the calculation of dressing of a flat carding machine. *Lek. prom.* 6 no. 8:8-10 S-O '68.

512.58 Linear equations and systems of equations. Inequalities of the first degree. Dimensional analysis

Vodolga, V.V., Dmitriev, A.V., Kashchepkin, M.V. - Solution of linear equations with partial derivatives using analog computers. *Trudy LPI* no. 231:47-51 '63.

512.51 Polynomials

Belikov, P.F., Shoberzhakova, N.V., Chubenko, N.S. - Approximation of characteristic curves for centrifugal pumps by polynomials degree three. *Sbor. trud. KIMTK* no. 15:37-44 '68.
Kasribayev, Zh., Batmurdinov, R. - A class of polynomials orthogonal on convolution. *Izv. AN Kazakh SSR Ser. fiz.-mat.* 6 no. 5:77-80 8-0 '68.

512.8 Determinants

Blit, N.K. - Some properties of a Jacobi determinant and their applications. *Izv. AN Kazakh SSR Ser. fiz.-mat.* 6 no. 5:12-17 5-0 '68.

512.83 Matrices

Sealer, S.Sh., Krupnik, N.I.A. - Reversibility of matrices from elements of a ring. *Uch. zap. Kazh. un.* 81:81-84 '67.

513 Geometry

Idimskii, A.IU. - Geometric construction of the stability of solution for a fundamental program of inertial guidance. *Mekh. i ver. tela* no. 3 12-14 My-Je '68.
Petrov, G.S. - Some structural problems of a central quadratic transformation of a straight line. *Sbor. rab. KILTI* no. 18:232-254 '67.
Sorokun, P.A. - Development of spatial images in older schoolchildren. *Uch. zap. Pakov. gos. ped. inst.* no. 33: 113-125 '67.
Sorokun, P.A. - Formation and development of spatial concepts in students on the basis of generalization of material indications of elements of geometrical figures. *Uch. zap. Pakov. gos. ped. inst.* no. 33 99-111 '67.

513.1 Plane geometry

Ukraininov, IU.A. - Golden section. *Prilozh. no. 11* 37-46 '68.

513.8 Algebraic curves, surfaces and varieties

Platetskii-Shapiro, L.L. - Modulo p reduction of fields of modular functions. *Izv. AN SSSR Ser. mat.* 32 no. 4 1264-1274 N-D '68.

513.7 Line and constructive geometry. Complexes. Convergence. Curves. Kinematic geometry. Transformations

Krebn, M.G., Shched'ina, IU.L. - Fractionally linear transformations with operator coefficients. *Mat. issl.* 3 no. 3:64-96 '67.
Mand, IU.L. - Correspondences, motions, and modular transformations. *Mat. sbor.* 77 no. 4:478-507 D '68.

513.8 Non-Euclidean, multidimensional and other forms of geometry. Functional and Hilbert spaces

Aloia, G.S. and others. - Method for determining numbers whose sums don't coincide. *Trudy Ser. "Optika, elektronika, mekhanika, i ustroystva"* no. 1:87-91 '68.
Berkar, M.A., Goldberg, I.TS. - Factorization of operators in a Banach space. *Mat. issl.* 1 no. 8:68-129 '68.
Duffin, M.R., Goldberg, I.TS. - Factorization problem in abstract Banach algebras. Part 2. Indecomposable algebras. *Mat. issl.* 3 no. 3:3-19 '67.
Gerasimov, V.M., Kravtsovskii, M.A. - Structure of a set of solutions of dissipative equations. *Dokl. AN SSSR* 183 no. 3:267-269 '68.
Prigor'skii, V.A. - On some classes of bases from subspaces. *Uch. zap. Kazh. un.* 81:66-68 '67.

513.83 Topology

Demca, L.V. - Conditions for the triviality of deformations of holomorphic fiberings over a compact complex space. *Mat. sbor.* 77 no. 4:622-633 D '68.
Kovtva, V.M. - Application of topological transformations in designing the surface of a ship hull. *Sudost. i more. soor.* no. 1:51-57 '68.
Strugin, L.V. - Amoroso's norm in an Orlicz-Minkowski space. *Uch. zap. Kazh. un.* 81:91-100 '67.
Strugin, L.V. - Topological and metric properties of Young's class as a subset in an Orlicz space. *Uch. zap. Kazh. un.* 81:61-66 '67.

514 Topography. Polytopology

Parley, F.F. - Transfer of grid and/or the astronomical in a single-coordinate case. *Izv. vyz. nauch. i stroit. ser.* no. 1:23-28 '68.

515 Descriptive geometry

Shain, V.T. - Central lighting of a sphere in axonometry. *Izv. vyz. nauch. i stroit. ser.* no. 3:183-187 '68.

Tkach, D.L. - Some problems of kinematic perspective and plotting architectural perspectives. *Izv. vyz. nauch. i stroit. ser.* no. 3:184-187 '68.

517 Analysis. Calculus

Aleksandrov, V.M., Kankharov, V.A. - Certain problems of the effect of the action of two dies on an elastic strip. *Mekh. i ver. tela* no. 4:108-113 31-Ag '68.
Filipov, V.A. - Sufficient conditions of stability for linear systems. *Mekh. i ver. tela* no. 4:56-64 31-Ag '68.
Iurchenko, M.K. - Example of using the correlation method in economic analysis. *Tekst. prom.* 38 no. 12: 17-18 D '68.
Novosilov, L.V. - Stability of a triaxial power gyrostat. *Mekh. i ver. tela* no. 4:50-64 '68.
Petrovskii, A.L. - Synthesis of Q, K -terminal controlling systems using electronic computers. *Vych. tech. i mek.* 11:10-23 '67.
Solevskii, D.M. - Evaluation of the characteristics of machine operation organization during maneuvers. *Vest. i dokl. nauch. i inzh. ser.* no. 1:54-60 31-Ag '68.
Voloskii, V.V., Orel, V.M. - Solution of some extremum problems in a graph using an analog computer. *Trudy LPI* no. 3:113-121 '68.

517.1 Mathematical logic

Chirkov, M.K. - Analysis of the stability of the functions of the algebra of logic with distortions of arguments. *Mirov. vych.* no. 8:192-199 '68.
Tsvetkovskii, G.A. - Algorithm for the classification of abstract images. *Sob. AN SSSR* 50 no. 3:301-304 My '68.

517.3 Integral calculus

Plak, Sh.M., Sapozhnikov, L.B. - Calculation of integrals of the type $\int_0^1 \frac{f(x)}{(1-x)^{1/2}} dx, -\infty < x < \infty$. *Izv. AN SSSR Ser. fiz.-mat. i tekhn. nauch. i inzh. ser.* no. 4:664-666 My '68.

517.362 Numerical solution of definite integrals. Approximate methods. Quadrature formulas

Levin, M. - Note on the coefficients of a certain quadrature formula. *Trudy TPI. Ser. A* no. 3:135-141 '68.
Molodtsov, V.G. - Possibility of adopting the steepest descent method in calculating forces in well cutting. *Gor., stroit. i dor. mek.* no. 3:118-123 '68.

517.43 Operators (mathematics). Invariants

Alexand, V.M., Aron, D.Z. - Unitary sets of semi-unitary operators. *Mat. issl.* 1 no. 2:3-64 '68.
Berkar, M.A. - Convergence of integrals over a chain of projectors and the problem of factorization of operators. *Uch. zap. Kazh. un.* 81:36-50 '67.
Berkar, M.A., Goldberg, I.TS. - Factorization of operators in a Banach space. *Mat. issl.* 1 no. 3:84-129 '68.
Ginsburg, IU.P. - Multiplicative representations of J -nonexpanding operator functions. Part 2. *Mat. issl.* 3 no. 3:30-43 '67.
Goldberg, I.TS., Solov'nikov, O.L. - Some remarks on the similarity of operators. *Mat. issl.* 3 no. 3:100-110 '67.
Krebn, M.G., Shched'ina, IU.L. - J -polar representation of pair-operators. *Mat. issl.* 1 no. 3:178-208 '68.
Lifshits, E.A., Sedovskii, B.M. - Fixed-point theorem for generalized dissipating operators. *Dokl. AN SSSR* 183 no. 3:278-279 '68.
Novikov, B.P. - Adjoint operators and fixed points. *Izv. AN SSSR Ser. mat.* 32 no. 6:1248-1253 N-D '68.
Stark, B. - L.S. Sobolev type boundary value problems for elliptic operators. *Dokl. AN SSSR* 183 no. 3:284-286 '68.

517.8 Theory of functions

Bobylev, M.A. - Construction of regular direction functions. *Dokl. AN SSSR* 183 no. 3:287-288 '68.
Chavchavadze, V.V., Galitskii, O.L., Kornyshev, A.V. - Statistical simulation of the behavior of an object based on the method of matrix analysis of multidimensional series of time functions. *Sob. AN SSSR* 50 no. 3: 305-308 My '68.
Gralis, T. - Use of the saddle-point method in certain singular cases. *Uch. zap. Kazh. un.* 81:78-87 '68.
Karpaschuk, D.K. - Note on Riesz potentials. *Sob. AN SSSR* 50 no. 3:288-290 8 '68.
Makshakovskii, S.A. - Differentiability of functions of a single variable. *Sob. AN SSSR* 50 no. 3:291-294 8 '68.
Rakitskii, IU.V. - Recurrence methods in numerical integration. *Trudy LPI* no. 3:128-134 '68.
Richtmeyer, R. - Asymptotic expansions of entire functions and Fourier integrals. *Uch. zap. Kazh. un.* 81:47-54 '68.
Richtmeyer, R. - Asymptotic expansions of some rapidly oscillating integrals in cylindrical functions. *Uch. zap. Kazh. un.* 81:36-46 '68.
Richtmeyer, R. - Review of studies on the asymptotic representation of functions connected in Riga. *Uch. zap. Kazh. un.* 81:2-34 '68.

Shevliakov, IU.A., Shorobanov, V.P. - Local stream in cylindrical shells in the vicinity of concentrated effects. *Gidromekhanika i inzh. mek.* no. 4:28-30 '67.

Tsorekhi, A.E. - Approximation of functions of several variables by sums and products of functions of a single variable. *Sob. AN SSSR* 50 no. 3:291-294 My '68.

517.812 Series

Aleksa, V.IA. - Optimum summation of Fourier series with approximate coefficients. *Dokl. AN SSSR* 183 no. 3:287-290 '68.
Panchukidze, Sh.P. - Convergence of double orthogonal Fourier series. *Sob. AN SSSR* 50 no. 3:271-275 My '68.
Perel'man, K.P. - Taylor's series in nonlinear space. *Izv. AN Kazakh SSR Ser. fiz.-mat.* 6 no. 6:6-17 8-0 '68.
Vloshchuk, Y. - Summability of the formal product of double series. *Trudy FPI. Ser. A* no. 3:117-121 '68.

517.84 Conformal representations

Mokhammad, G.M. - Some estimates of the modulus of conformal mapping at the boundary of a star-shaped domain. *Izv. AN Kazakh SSR Ser. fiz.-mat.* 6 no. 6:6-17 8-0 '68.

517.844 Dirichlet's problem. Boundary value problem

Bukharinov, Kh.G., Makhmudov, A.M. - A boundary value problem for a mixed parabolic-hyperbolic type of equation. *Dokl. AN SSSR* 183 no. 3:341-344 '68.
Dzhavayev, M.G. - Asymptotic behavior of the solution of the boundary value problem for a bilinear equation. *Dokl. AN SSSR* 183 no. 3:276-277 '68.
Freidlin, S.A., Kon, D.A. - Boundary value problem and singular integral equations (case of a denumerable set of arcs with the point of discontinuity at the end at the end point). *Uch. zap. Kazh. un.* 81:73-80 '67.
Heinrich, H. - Phase-bound analytically with respect to parameter in the problem involving crystallization of the melt due to the immersion of a plate. *Uch. zap. Kazh. un.* 81:58-110 '68.
Mikhailov, V.P. - A boundary value problem for a type of Navier-Stokes equations. *Dokl. AN SSSR* 183 no. 3:344-347 '68.
Moroz, D. - L.S. Sobolev type boundary value problem for elliptic operators. *Dokl. AN SSSR* 183 no. 3:347-350 '68.
V.Kh.M. - Two-dimensional mixed boundary value problem of heat and mass transfer when the characteristic equation has multiple roots. *Izv. AN SSSR Ser. fiz.-mat.* 6 no. 6:444-452 My '68.

517.8 Integrals

Berkar, M.A. - Convergence of integrals over a class of projectors and the problem of factorization of operators. *Uch. zap. Kazh. un.* 81:36-50 '67.
Bella, T.A. - Use of integral representation of Macdonald's function for computation of Krauss's integral in evaluating the field of a slightly curved spherical emitter. *Akust. i akust. ser.* 14 no. 4:23-28 O-D '68.
Dokavich, A.I. - Integrable cases for the problem of motion of a heavy solid body about a fixed point. *Pril. mek.* 4 no. 11:94-100 '68.

517.8 Differential equations

Aliev, IU.L. - Generalization of A.M. Ljapunov's theorem on the construction of a Liapunov function for a stable linear system. *[Trudy] Ural. politekhn. inst.* no. 130:60-61 '64.
Arshavskii, I.A., Makhmudov, A.M. - Solution of a linear (to quantum equation for an electron in a constant field. *Izv. AN Kazakh SSR Ser. fiz.-mat.* 6 no. 6:13-19 O '68.
Bukharinov, Kh.G., Makhmudov, A.M. - A boundary value problem for a mixed parabolic-hyperbolic type of equation. *Dokl. AN SSSR* 183 no. 3:341-344 '68.
Chavchavadze, V.I. - Constructive use of Laplace - Gauss transformation to solve some problems of electropotentialometry. *Khimiya, tekhn.* no. 8:53-56 '67.
Dokavich, A.I. - Integrable cases for the problem of motion of a heavy solid body about a fixed point. *Pril. mek.* 4 no. 11:94-100 '68.
Dzhavayev, M.G. - Asymptotic behavior of the solution of the boundary value problem for a bilinear equation. *Dokl. AN SSSR* 183 no. 3:276-277 '68.
Kil'nov, M.L. - Analysis of errors of a chain of successively connected linear models. *Trudy Ser. Tekhn. i mekhan. i inzh. ser.* no. 2:38-46 '67.
Prel'din, M.I. - Smoothness of solutions of degenerate elliptic equations. *Izv. AN SSSR Ser. mat.* 32 no. 6:1391-1413 N-D '68.
Oshakov, M. - A problem bearing on the realization of programmed motion. *[Trudy] Ural. politekhn. inst.* no. 130:60-61 '64.
Gerasimov, V. - Stability of differential operator equation containing a small parameter at the derivative. *[Trudy] Ural. politekhn. inst.* no. 130:60-61 '64.
Gerasimov, V.M., Kravtsovskii, M.A. - Structure of a set of solutions of dissipative equations. *Dokl. AN SSSR* 183 no. 3:267-269 '68.
Ishiev, IU. - Convergence of a collocation-type method for ordinary integrodifferential equations. *Trudy TPI. Ser. A* no. 3:136-147 '68.
Ishiev, IU. - Convergence of the collocation method. *Trudy TPI. Ser. A* no. 3:140-150 '68.

51.9 (Continued)

- Kryukov, N. Kh. - Group classification of differential equations of the second order. Dokl. AN SSSR 163 no. 5:274-277 '68.
- [Ushakov, G. I., Ilyashenko, V. A., Piskunov, M. V. - Solving nonlinear equations of moisture transfer by the method of differences. Sbor. tr. po agron. fiz. no. 14: 11-13 '67.
- [Ushakov, G. I., Ilyashenko, V. A. - Study of nonlinear equations of moisture transfer. Sbor. tr. po agron. fiz. no. 14: 11-13 '67.
- Kuznetsov, K. A. - Asymptotic behavior of a problem with an initial discontinuity for nonlinear systems of integro-differential equations containing a small parameter at the first derivative. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:71-73 8-O '68.
- Kozlov, I. V. - Deriving more accurate solutions of a system of linear equations. Izv. vuz. ucheb. zav. i geod. i aerof. no. 1:3-7 '68.
- Kharin, A. I. - Dependence of the solutions of a system of differential equations with aftereffect containing a small parameter at the derivative. [Trudy] Ural. politekhn. inst. no. 130:18-21 '64.
- Kocher, V. A. - Establishment and development of some methods of integration of partial differential equations of the first order. [Trudy] Ural. politekhn. inst. no. 130: 35-38 '64.
- Kocher, V. A. - Lagrange's theory of integration of linear partial differential equations of the first order. [Trudy] Ural. politekhn. inst. no. 130:37-50 '64.
- Kocher, M. D. - On the form of the domain of attraction at the equilibrium position of a nonlinear system. [Trudy] Ural. politekhn. inst. no. 130:23-26 '64.
- Koshchuk, G. G. - Optimum design of control systems with allowance for rigidity and strength requirements. Soob. AN Gruz. SSR 51 no. 3:542-554 8 '68.
- Koppal, B. - Generalization of Aitken's method for the solution of nonlinear operator equations. Trudy TPI, Ser. A no. 25:117-124 '65.
- Koshchuk, S. P. - Analytical solution of a nonlinear integro-differential equation. Gidromekhanika i teor. sprag. no. 6:123-131 '67.
- Koshchuk, L. D. - Existence of solutions of an autonomous system of D-equations. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:82-88 8-O '68.
- Kukharov, I. V. - A nonlinear system of mixed type equations. Dokl. AN SSSR 163 no. 5:180-183 '68.
- Korobov, T. K. - Existence of non-negative ω -periodic solutions for systems of integro-differential equations. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:166-173 8-O '68.
- Kozlov, A. M. - Behavior of the trajectory of a system of differential equations near a fixed point. [Trudy] Ural. politekhn. inst. no. 130:33-34 '64.
- Korotkiy, K. P. - Use of Euler's method in solving differential equations in the nonlinear space. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:1-9 8-O '68.
- Korotkiy, S. K., Kondratyenko, V. F. - Stability of the solution of linear systems of differential equations. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:30-34 8-O '68.
- Krasovskiy, A. P., Borokhovich, M. K. - Bending of three-layer plates of nonsymmetrical composition with a rigid filler. Gidromekhanika i teor. sprag. no. 6:100-106 '67.
- Krasovskiy, V. A. - Circular motion of interacting points in the case of friction. [Trudy] Ural. politekhn. inst. no. 130:116-120 '64.
- Krasovskiy, V. A. - Circular motions of a connected pendulum. [Trudy] Ural. politekhn. inst. no. 130:95-100 '64.
- Krasovskiy, V. A. - Determining the domain of existence of periodic solutions of a nonlinear system of the fourth order. [Trudy] Ural. politekhn. inst. no. 130:13-17 '64.
- Kulikov, M. A. - Reducing elliptic equations to the type $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = F(x, y)$. [Trudy] Ural. politekhn. inst. no. 130:81-85 '64.
- Koshchuk, S. P. - Differential equations with unbounded operators generating nonanalytic semigroups. Dokl. AN SSSR 163 no. 5:183-185 '68.
- Krasovskiy, V. A., Piskunov, V. I. - Prospects for solving differential equations with a variable argument using analog computers. Trudy LPI no. 3:113-115 '65.
- Krasovskiy, V. A. - Simple graphical method for studying the stability of linear dynamic systems up to and including the sixth order. Kib. i diag. no. 1:106-115 '66.
- Krasovskiy, V. A., Kain, V. M. - Transformation of a linear differential equation with derivatives in the right part into a system of first-order differential equations. Kib. i diag. no. 1:103-104 '66.
- Krasovskiy, M. S. - Processing of linear measurement results in a system of curvilinear space coordinates. Izv. vuz. ucheb. zav. i geod. i aerof. no. 6:17-25 '64.
- V. Kh. M. - Two-dimensional mixed boundary value problems of heat and mass transfer when the characteristic equation has multiple roots. Inzh.-fiz. sbor. 8 no. 5:444-453 3-ly '68.
- Valeev, K. G., Rakhitkiy, I. V. - Use of difference methods of numerical integration in constructing regions of stability. Prikl. mekh. 4 no. 11:55-58 '68.

51.9.46 Functional equations

- Krasovskiy, G. M., Khabibullin, A. A. - Existence of bounded solutions of certain functional equations in nonlinear spaces. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:17-25 8-O '68.

51.9.47 Difference equations

- Kharin, A. I. - Stability of a system of difference equations containing small parameters at the first two differences. [Trudy] Ural. politekhn. inst. no. 130: 42-46 '64.

51.9.48 Integral equations

- Freidman, S. A. - Further study of conjugation problems and singular integral equations in the case of a denumerable set of contours. Uch. zap. Kazh. un. 81: 67-72 '67.
- Freidman, S. A., Kos, B. A. - Boundary value problem and singular integral equations (case of a denumerable set of arcs with the point of condensation of the ends at the end points). Uch. zap. Kazh. un. 81:73-80 '67.
- Gol'denshteyn, L. S. - Discrete analog of a Wiener-Hopf n -dimensional integral equation. Mat. anal. 2 no. 3: 53-63 '67.
- [Ishakli, A. S., Krasovskiy, V. V., Shakhmurov, A. O. - Integral equations of the first kind in problems of wave scattering in hollow guide systems. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 6:19-25 M-D '68.
- Livshits, G. S. - Correction to my paper on "Nonlinear theory of a system of singular integral equations with Carleman shift and complexly adjoint unknowns." Izv. AN SSSR, Ser. mat. 22 no. 8: 1414-1417 M-D '68.
- Mikhlin, G. G. - A boundary value problem for a system of Wiener-Hopf equations. Dokl. AN SSSR 163 no. 2: 264-267 '68.
- Rubinshteyn, L. I., Khasheva, E. Kh. - Evaporation or condensation of vapor of a fluid from a binary spherical bubble. Uch. zap. Kazh. un. 81:11-14 '68.

51.9.49 Special methods of calculation. Computing aids. Graphical calculation

- Bukurov, I. D. - Approximation of empirical functions. Trudy LPI no. 56:33-37 '68.
- Chaplin, P. M. - Potentiometric method for the readout of graphical information. Vych. tekhn. v mash. 11:122-127 '67.
- Illipov, M. V. - Conference on nomography. Atom. energ. 25 no. 8:846 D '68.
- Karlaya, L. V., Vereshchagin, S. I. - Principle of the organization of a stack memory. Vych. tekhn. v mash. 11:150-153 '67.
- Mikhlin, V. I., Moshin, L. E. - Areas of convergence of functional solutions of the equations of nodal voltages. Trudy LPI no. 56:61-67 '68.
- Osipov, S. M., Gurev, S. P., Gurev, S. P. - Monogram method of calculating necessary amounts of inert gases for preventing explosions in fire areas. Sbor. tr. KJMTK no. 8:20-24 '68.
- Solodov, L. A. - Determining the interaction between two factors when the table of dispersion analysis contains some empty squares. Zav. lab. 34 no. 10:1220-1223 '68.
- Valeev, K. G., Rakhitkiy, I. V. - Use of difference methods of numerical integration in constructing regions of stability. Prikl. mekh. 4 no. 11:55-58 '68.

51.9.50 Mathematical games

- Lukashov, V. A. - Adaptive systems with multiple specific conditions. Dokl. AN SSSR 163 no. 4:307-308 '68.

51.9.51 Combinatorial analysis

- Lafay, V. A., Gerasimovskiy, O. I. - Logical and operational study of the activity of an operator. Profil. inzh. pekhod. no. 4:286-293 '68.

51.9.52 Probability theory

- Akhmedov, V. M. - Quasi-stochastic dynamic systems. Part 2: One-dimensional nonlinear vibrations in a periodically perturbed field. Mat. sbor. 77 no. 4:848-861 D '68.
- Bakhtin, I. B. - Polya's law for nonsteady-state Markov chains. Izv. AN Kazakh SSR, Ser. fiz.-mat. 6 no. 5:43-47 8-O '68.
- Belikov, P. F. - Analytic determination of the necessary depth for regulating centrifugal pumps by the number of revolutions. Sbor. tr. KJMTK no. 8:62-73 '68.
- Belikov, P. F., Shcherbakova, M. V., Chubenko, M. S. - Approximation of characteristic curves for centrifugal pumps by polynomials degree three. Sbor. tr. KJMTK no. 8:37-44 '68.
- Bolyubov, A. D. - A posteriori probabilities of emergency conditions of a controlled process. Avtomatika i telemekhanika 11:105-107 11-Ag '68.
- Bryukhovetskiy, L. P., and others. - Using the probability theory in organizing operations with regard to coal loading. Sbor. tr. KJMTK no. 10:91-94 '68.
- Chavobachuk, V. V., Galitskiy, O. I., Korneeva, A. V. - Statistical simulation of the behavior of an object based on the method of matrix analysis of multidimensional series of time functions. Soob. AN Gruz. SSR 50 no. 3: 306-318 3-ly '68.
- Dinaberg, M. P. - Investigation of a nonlinear stochastic system during controlled oscillations. Mezh. vuz. tela no. 3:17-24 3-ly-Je '68.
- Dubrov, B. B. - A method for computing two-dimensional normal distribution. Trudy Sam. Teor. i prakt. i kibernet. no. 5:11-16 '67.
- Gerasimov, V. I., Khits, I. A. - Problem of stability at first approximation for stochastic systems. [Trudy] Ural. politekhn. inst. no. 130:37-38 '64.
- Gordiy, I. U. D. - Studying static characteristics of a reactor for photochemical benzene chlorination. Khim. prikl. Ukr. no. 8:36-40 M-D '68.
- Krasovskiy, E. I. A. - Use of electronic digital computers in calculating telemechanical networks by the ingenuity method. Usp. Uch. 12 no. 11:17-19 M '68.
- Mikhlin, G. G. - Linear prediction based on an equation in the case of errors in the variables. Markov self-correlation, and the disturbance being dependent on the variables. Nukon. i met. metod. 4 no. 8:443-449 M-D '68.
- Mikhlin, G. I., Shakhmurov, S. L. - Linear telemechanical and prediction of a dual Markov signal. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 6:17-25 M-D '68.

- Krasovskiy, V. M. - Random oscillations of methispan plate. Mezh. vuz. tela no. 4:178-84 11-Ag '68.
- Ponomarev, V. A., Verikov, B. A., Lyashuk, V. S. - Modeling the load flow smoothing from slopes. Usp. Uch. 12 no. 11:30-31 8 '68.
- Popov, S. S. - Method for calculating a correlation function. Trudy LPI no. 56:147-148 '68.
- Savchenko, S. M., Gurev, S. P. - Solving differential equations for convective and diffusion transfer in regions admitting the separation of variables. Sbor. tr. KJMTK no. 8:18-14 '68.
- Shafra, I. U. N. - Determining optimum conditions in regard to the functioning of a queueing system in limited input flow. Sbor. tr. KJMTK no. 8:3-7 '68.
- Solodov, L. A. - Determining the interaction between two factors when the table of dispersion analysis contains some empty squares. Zav. lab. 34 no. 10:1220-1223 '68.
- Sokolov, O. P. - Economic mathematical principle of the planned workload in coal mine slopes. Sbor. tr. KJMTK no. 8:83-91 '68.
- Tikhonov, I. A., Shakhmurov, M. A. - Selection of the interval of time discretization in the calculation of mutual correlation functions. Trudy LPI no. 56:150-158 '68.
- Vukobratovic, M. N., Kandelaki, M. P. - Estimating the rate of convergence in a multidimensional central limit theorem. Soob. AN Gruz. SSR 50 no. 2:273-278 3-ly '68.

51.9.53 Mathematical statistics

- Bartskiy, L. A. - Measuring the efficiency of separation in statistical experimental design and optimization of processes. (Review). Zav. lab. 33 no. 7:833-840 '68.
- Khalimov, Z. E. - Dispersion analysis of triangle microlenses. Izv. vuz. ucheb. zav. i geod. i aerof. no. 6:43-50 '64.
- Khalimov, V. V. - More on comparison between random searching and the gradient method in simplex planning. Zav. lab. 33 no. 7:854-858 '68.
- Pogrebnik, B. M. - Dependence of the oxygen content in steel on a number of technological factors. Zav. lab. 33 no. 7:840-843 '68.
- Sagaidachnykh, O. - Engineer and mathematical statistics. Av. i koorm. no. 12:63-67 D '68.
- Shakhmurov, L. A. - Method for approximate calculation of the areas of two overlapping Gaussian peaks. Zav. lab. 33 no. 7:861-864 '68.
- Shafra, V. A., Iakimov, A. V. - Calculating the sizes of the cutting crosspieces of abrasive wheels in intermittent grinding. Zav. lab. 33 no. 7:847-851 '68.

51.9.54 Calculus of variations. Functional analysis

- Balashov, V. A., Tikhonov, K. K. - On the conditional extremum of a functional in the case of operator coupling with additional restrictions. Soob. AN Gruz. SSR 51 no. 3:534-540 8 '68.
- Orlin, V. D. - Use of two-line isotropic formalism in studying quasiperiodic excitations in the Fermi system with Coulomb. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 6:18-19 M-D '68.
- Tikhonov, O. M. - Selection of trial step in conducting experiments by the steep ascent method. Obog. rad. 11 no. 5:48-49 '68.

51.9.55 Theory of groups

- Baitov, I. A. - Contribution to the theory of Fedorov groups and regular partitions in a pseudo-Euclidean R_3 space. Uch. zap. Kazh. un. 81:8-14 '67.
- Belousov, V. D. - On a class of n -ary loops. Mat. anal. 1 no. 2:135-139 '68.
- Belousov, V. D. - Some remarks on TG-quasi-groups. Uch. zap. Kazh. un. 81:3-8 '67.
- Belousov, V. D., Ryzhikov, V. V. - A method for drawing closure figures. Mat. anal. 1 no. 2:148-150 '68.
- Donin, I. P. - Conditions for the triviality of deformations of holomorphic fiberings over a compact complex space. Mat. sbor. 77 no. 4:802-823 D '68.
- Iakovlev, A. V. - Galois group of algebraic closure of a local field. Izv. AN SSSR, Ser. mat. 22 no. 8:1283-1283 M-D '68.
- Kats, V. G. - Simple irreducible graded Lie algebras of finite growth. Izv. AN SSSR, Ser. mat. 22 no. 8:1223-1227 M-D '68.
- Kashchuk, S. S. - Cyclic extensions of ZA-groups. Soob. AN Gruz. SSR 50 no. 3:363-366 3-ly '68.
- Larin, S. V., Lofko, M. V. - Periodic Abelian groups. Stein's isotopic quasi-groups. Mat. anal. 2 no. 3: 97-100 '67.
- Lipatov, L. M. - Adopting the theory of random fields for determining characteristics of systems with distributed parameters. Izv. AN SSSR no. 3:111-117 8 '68.
- Martin, I. U. J. - Cubic hypersurfaces. Part 1. Quasi-groups of classes of points. Izv. AN SSSR, Ser. mat. 22 no. 8:1225-1244 M-D '68.
- Mikhailov, L. P., Taney, V. S. - Program generators of permissible schedules. Vych. tekhn. v mash. 11:38-46 '67.
- Mokhanov, V. F. - An analog of Plancherel's formula for hyperboloids. Dokl. AN SSSR 163 no. 5:188-191 '68.
- Movshov, S. P. - Adams operators and fixed points. Izv. AN SSSR, Ser. mat. 22 no. 8:1245-1253 M-D '68.
- Perelomov, A. M., Popov, V. S. - Casimir operators for semisimple Lie groups. Izv. AN SSSR, Ser. mat. 22 no. 8:1248-1248 M-D '68.
- Reiter, A. V. - Unboundedness of the dimensions of indecomposable representations of algebras having an infinite number of indecomposable representations. Izv. AN SSSR, Ser. mat. 22 no. 8:1275-1283 M-D '68.
- Shakhmurov, L. A. - Contribution to the theory of abelian groups of biocommutative topological semigroups. Mat. sbor. 77 no. 4:848-858 D '68.
- Shvartman, O. V. - On discrete arithmetical semigroups of complex Lie groups. Mat. sbor. 77 no. 4:848-844 D '68.

519.4 (Continued)

- Bobrovskii, P. K. - Differential equations with oscillating operators generating nonanalytic semigroups. Dokl. AN SSSR 263 no. 5:353-354 '85.
 Bolotin, E. L. - Some properties of α -operators. Uzb. zap. Khim. na. 2:15-22 '87.

519.48 Algebraic fields, rings, ideals

- Andruskiyevich, V. A., Rabinovich, I. M. - Primalities in rings. Mat. izv. 1 no. 3:85-97 '85.
 Asatryan, K. A., Chudakov, M. G. - Minima of normed functions in imaginary quadratic fields. Dokl. AN SSSR 263 no. 5:354-355 '85.
 Dzhurav, V. I. - Groups of classes of ideals of a complete ring. Mat. sbor. 77 no. 4:333-341 D '68.
 Golas, L. M. - Distributions in rings. Mat. izv. 1 no. 2:151-171 '86.
 Gerasimov, E. - Distribution of special elements by Abelian fields of the (1, 2) type. Izv. AN Kazakh. SSR. Ser. fiz.-mat. 5 no. 5:13-15 6-0 '86.
 Rabinovich, I. M. - Radicals in categories. Mat. izv. 2 no. 3:107-146 '87.

519.5 Theory of sets

- Alkhazov, V. M. - Quasi-stochastic dynamical systems. Part 2: One-dimensional nonlinear vibrations in a periodically perturbed field. Mat. sbor. 77 no. 4:345-361 D '68.
 Gerasimov, E. K. - Formal method for the solution of differential circuits of structures in automatic design. Vych. tekhn. y. 10:107-108 '87.
 Lashin, I. M., Pavlova, M. A. - Algorithmization of structural breakdown of kinematical. Vych. tekhn. y. 10:109-114 '87.
 Piatovskaya, A. L. - On free objects in categories. Soob. AN Gruz. SSR 52 no. 3:441-444 '85.
 Shaput, D. V. - Approach to the calculation of standard networks. Trudy LPI no. 35:177-188 '85.

519.5 Information theory and cybernetics

- Adler, I. P., Prochazanskaya, G. B. - Record All-Union Conference on Experimental Planning. Zav. lab. 34 no. 10:1770 '85.
 Agabekyan, E. G. - Coding of visual information in multi-layer neural networks. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:83-90 '85.
 Chirnov, M. K. - Calculation of probability characteristics of composite networks. Mekh. ych. no. 5:118-122 '86.
 Dotsigov, B. G. - An algorithm for predicting a system of dependent random variables to independent ones. Trudy Sem. "Teor. tochn. i nat. kib. sist." no. 3:2-18 '87.
 Egorov, A. A. - Problem concerning the so-called motor systems. Probl. inzh. tekhnol. no. 4:184-187 '85.
 Egorov, A. A. - Special features of the motion of selection under conditions of system replacement. Probl. inzh. tekhnol. no. 4:187-188 '85.
 Galst'yan, R. - Contribution to the theory of necessary conditions for the optimality of special controls. Dokl. AN SSSR 263 no. 5:355-357 '85.
 Gerasimov, E. K. - Modeling of social relationships of small groups. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:13-19 '85.
 Gerasimov, E. K., Zarekovskii, G. M. - Automation of the algorithms of the functional states of the organism using electroencephalographic data. Probl. inzh. tekhnol. no. 4:188-190 '85.
 Gerasimov, E. K., Zarekovskii, G. M. - Some conditions of the parallel work of equipment in the system of information processing. Mon. i nat. med. 4 no. 6: 600-606 N-D '85.
 Gerasimov, E. K. - Experimental group psychology. Probl. inzh. tekhnol. no. 4:191-193 '85.
 Gerasimov, E. K. - Methods for determining the criteria of reliability of men using experimental data. Probl. inzh. tekhnol. no. 4:194-195 '85.
 Iakubovich, V. A. - Adaptive systems with artificial specific conditions. Dokl. AN SSSR 263 no. 5:358-360 '85.
 Ivakov, M. K., Krasovskii, K. A. - Psychological and physiological processes in the modeling of the human memory. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:95-97 '85.
 Krasovskii, K. A., Krasovskii, G. V. - Effectiveness and reliability of simple computing operations. Uzb. zap. Khim. na. 2:17-22 '87.
 Krasovskii, K. A. - Algorithm for fast multiplication in Gray's code. Soob. AN Gruz. SSR 52 no. 3:445-448 '85.
 Krasovskii, K. A. - Symbolic form of the registration of algorithms for the operation of an operator. Probl. inzh. tekhnol. no. 4:196-198 '85.
 Krasovskii, K. A. - Random control of activity by reception of information under conditions of alternative selection. Probl. inzh. tekhnol. no. 4:199-201 '85.
 Krasovskii, K. A., Gerasimov, E. K. - Experimental determination of the control function of an operator during the control of a dynamic object. Probl. inzh. tekhnol. no. 4:202-204 '85.
 Krasovskii, K. A. - Introduction of information and entropy measurement units into the system of measurements. Izv. tekhn. y. 10:115-116 O '85.
 Krasovskii, K. A. - Prospects for determining the characteristics of man-operator using automatic control theory techniques. Probl. inzh. tekhnol. no. 4:205-207 '85.
 Krylov, A. A., Pashkov, A. F. - Dependence of the derivation of a simple human sensorimotor reaction on the time interval of the separating signal. Probl. inzh. tekhnol. no. 4:208-210 '85.
 Krylov, A. A., Pashkov, A. F. - Problem of the "Carrying capacity of an operator." Probl. inzh. tekhnol. no. 4:211-213 '85.
 Lashin, I. M., Baragovskii, B. A., Paley, B. L. - Active systems. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:101-108 '86.

- Lavrent'ev, V. M., Lomonosov, B. F. - Study of a transient process in the self-tuning of the stage of the convolution of operations. Probl. inzh. tekhnol. no. 4:214-216 '85.
 Mal'kov, V. A., Savaliev, V. P. - Modeling of constant characteristics during their cognition. Probl. inzh. tekhnol. no. 4:217-218 '85.
 Melnikova, E. L. - Preliminary transformation of an image in a system of recognition of visual images. Soob. AN Gruz. SSR 52 no. 3:449-454 '85.
 Pashkov, A. F. - Deterministic analysis of the stability of units subject to large increments of the parameters of their elements. Trudy Sem. "Teor. tochn. i nat. kib. sist." no. 3:24-30 '87.
 Parashkov, A. M. - Coordination processes in collective models of cognition. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:116-125 '85.
 Parashkov, A. M. - Modeling of the reasoning process. Probl. inzh. tekhnol. no. 4:219-220 '85.
 Parashkov, A. M. - Problems in the modeling of an associative memory. Probl. inzh. tekhnol. no. 4:221-223 '85.
 Piatovskaya, A. L. and others. - Information systems for collecting and operational processing of technical and economic information regarding coal mining enterprises. Mon. i nat. med. 4 no. 6:607-610 '85.
 Rabinovich, I. M. - Self-organizing cybernetic systems and problems on cybernetics. Eksp. - teoret. Mon. kibirofiz. inzh. AN URSR no. 2:30-40 '86.
 Shaput, D. V. - Evaluation of psychological features of the operator of a "man-machine" system. Probl. inzh. tekhnol. no. 4:224-225 '85.
 Shaput, D. V. - Cybernetics in the construction work. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:11-18 '85.
 Tselikova, E. B. - Determination of the dynamic characteristics of an operator using the harmonic analysis method. Probl. inzh. tekhnol. no. 4:226-227 '85.
 Yatskov, V. A. - Method for describing signals and effects expressed by discrete combinations of the distribution of points by simple polynomials. Kib. i dia. no. 1:191-191 '85.
 Zarekovskii, G. M. - Dependence of the effectiveness of group problem solving on the group size. Trudy Sem. "Mek. probl. kibib. prim. elektron. v biol. i med." no. 1:19-118 '85.
 Zarekovskii, G. M., Egorov, A. A. - Comparison of the results of cognition by a human and a static cognitive automaton. Probl. inzh. tekhnol. no. 4:228-234 '85.
 Zarekovskii, G. M., Egorov, A. A. - Relationship of structure and of the localization of sensor and motor fields in controlling operations. Probl. inzh. tekhnol. no. 4:235-238 '85.

52 ASTRONOMY. SURVEYING. COSMOLOGY

- Forman Kravchenko, K. I. - 1984-1985. Astron. zhurn. 45 no. 5:1233-1237 '85.

521 Theoretical astronomy

- Alkhazov, V. M. - Canonical equations of satellite motion. Astron. zhurn. 45 no. 5:1238-1239 '85.
 Zarekovskii, G. M. - Method of determination of the orbital elements of artificial earth satellites from three observations when only one instant is known accurately. Astron. zhurn. 45 no. 5:1240-1242 '85.

522 Practical astronomy

- [Circular of the Astronomical Institute of the Academy of Sciences of the USSR, S. S. R.] Trudy Astron. inst. AN URSR no. 1: 1-100 no. 2-4 1985 '87.
 [Circular of the Tashkent Astronomical Observatory] Trudy Tashk. astron. obser. no. 348-347 O-D '86.

523 Descriptive astronomy

- Marinov, I. U., Chirnik, O. V. - Study of self-diffusion in some systems by the spin echo method. Zhurn. fiz. khim. 43 no. 7:1212-1215 '85.

523.65 Astrophysics

- Berezina, L. A. - Quasi-classical approximation for oscillatory structures and effective cross sections of radiative transitions. Astron. zhurn. 45 no. 5:1243-1245 '85.
 Korshak, A. A., Malov, I. U. - Evolution of high-temperature regions under cosmic conditions. Astron. zhurn. 45 no. 5:1246-1248 '85.
 Kovalev, A. G., and others. - Kinematic spectra of some molecular gases, excited by fast electrons, in the infrared region of spectrum. Astron. zhurn. 45 no. 5:1249-1251 '85.
 Potapovskii, M. M. - Spectral measurements of four Stokes parameters for the light scattered by natural objects. Astron. zhurn. 45 no. 5:1252-1254 '85.
 Vlasov, S. V., Korshak, A. A. - Solar and terrestrial physics. Priroda no. 11:186-187 '85.

523.67 Astrophysics

- Krasovskii, K. A., Mironovskii, L. I. - Is there life on Venus? Priroda no. 11:177 '85.

523.1 Universe and its structure. Cosmology. Space

- Ozerov, I. M., Chernin, A. D. - Hypothesis on "photon vortices" and formation of protogalaxies. Part 2. Astron. zhurn. 45 no. 5:1257-1257 '85.
 Rastvorov, O. S. - Precision of some systems of cosmic triangulation. Izv. vyz. uch. i. geod. i aerod. no. 5:3-15 '84.

523.16 Various cosmic phenomena: dust, rays, etc.

- Korshak, A. A., Malov, I. U. - Variation of the flux densities of some radio frequency sources at the 5700 Mc. frequency. Astron. zhurn. 45 no. 5:1258-1259 '85.

- Kotsev, L. N., Georgiev, G. I., Kosterov, V. M. - Radio frequency lines of interstellar NO molecules. Astron. zhurn. no. 5:1260-1260 '85.

523.3 Solar or planetary system: eclipse, etc.

- Zaitsev, I. U. - New information on studies of the phases of the solar system. Nov. vrem. 27 no. 7:15-15 '85.

523.3 The moon

- Characteristics of the lunar shape. Priroda no. 11:177-178 '85.
 Chukova, N. A. - Gravitational field and the lunar shape. Astron. zhurn. 45 no. 5:1261-1262 '85.
 Kondrat'ev, E. I. A., and others. - Meteorological studies on the lunar surface. Probl. fiz. atm. no. 5:3-33 '84.

523.4 Planets

- Petrovskii, I. U. M. - Experimental analysis of the chemical composition of Venus atmosphere. Priroda no. 11:185-186 '85.

523.6 Comets

- Kopylov, I. U. - Modeling comet behavior. Priroda no. 11:187 '85.

523.7 The sun

- Gedling, A. V. - Magnetic fields in convective cells of the supergranulation zone. Astron. zhurn. 45 no. 5:1263-1264 '85.
 Mordukhai, E. R., Ngorova, M. B. - Correlation of geomagnetic disturbances with phenomena on the sun. Ser. VI read. prog. MOG. Boln. shk. no. 1:5-30 '85.
 Oll, A. I. - Forecast of the Wolf maximum number for the present 11-year cycle (No. 20). Probl. Astron. no. 3:137-138 '85.
 Baryshov, A. P., Shchuk, G. F. - Role of electron impact in the destruction of CO molecules on the sun. Astron. zhurn. 45 no. 5:1265-1265 '85.

523.8 Stars

- Arkhypova, V. P. - Photoelectric observations of nuclei of the planetary nebulae He 1-8 and NGC 1544. Astron. zhurn. 45 no. 5:1266-1268 '85.
 Arkhypova, V. P. - Structure of planetary nebulae. Astron. zhurn. 45 no. 5:1269-1270 '85.
 Cherepanov, A. M., Goncharuk, A. V., Igola, A. G. - Interpretation of light curves of eclipsing systems under conditions of nonuniformity of unknown functions. Astron. zhurn. 45 no. 5:1271-1272 '85.
 Dzhurav, V. I., Malov, I. U. - Observations of the emission line in the nucleus of radio galaxy Vir A. Astron. zhurn. 45 no. 5:1273-1274 '85.
 Gerasimov, E. K. - Gravitational instability in rotating system. Astron. zhurn. 45 no. 5:1275-1276 '85.
 Krasovskii, I. D., Lipovskii, V. A. - Concerning the absorbing matter in the clusters of galaxies. Astron. zhurn. 45 no. 5:1277-1278 '85.
 Khlopov, P. N. - Structure of stellar clusters and masses of stars forming them. Astron. zhurn. 45 no. 5:1279-1280 '85.
 Loshakov, T. A., Malov, I. U. - Spectrophotometry of the ratios of outflows of supernovae IC 443 and NGC 4193. Astron. zhurn. 45 no. 5:1281-1282 '85.
 Mordukhai, E. R. - Motion of a star in the gravitational field of the condensed interstellar gas. Astron. zhurn. 45 no. 5:1283-1284 '85.
 Mordukhai, E. R. - Self-similar solution for collapse under the action of energy losses by neutrino radiation. Astron. zhurn. 45 no. 5:1285-1286 '85.
 Mordukhai, E. R. - Absolute spectrophotometry of some infrared lines in spectra of planetary nebulae. Astron. zhurn. 45 no. 5:1287-1288 '85.
 Popov, M. V. - Absolute dimensions of some eclipsing variable systems and the problems of stellar evolution. Astron. zhurn. 45 no. 5:1289-1290 '85.
 Petrovskii, I. U. - Initial moment of the outburst and mass of ejected shell of a supernova. Astron. zhurn. 45 no. 5:1291-1292 '85.
 Rastvorov, O. S. - Plank distribution of stellar velocities. Part 2: Empirical approximation. Astron. zhurn. 45 no. 5:1293-1294 '85.
 Tselikova, E. B. - Theoretical values of coefficients of darkening to the edge. Astron. zhurn. 45 no. 5:1295-1296 '85.
 Urekhova, T. A. - Problem of the space structure of a galactic dust layer and its relation to the visible brightness of the Milky Way. Astron. zhurn. 45 no. 5:1297-1298 '85.

528 The Earth (considered astronomically)

- Philips, G. P. - Conversion into a new system of astronomical constant coefficients of the E. Woodard theory of the tidal irregularity of earth's rotation. Astron. zhurn. 45 no. 5:1299-1300 '85.

528.7 Terrestrial atmosphere. Ionosphere

- Andreev, E. D. - Methods for studying the humidity at high altitudes. Probl. fiz. atm. no. 5:44-48 '85.
 Blinov, E. N. - Solution of a nonlinear problem bearing on nonsteady-state atmospheric motions on a planetary scale. Dokl. AN SSSR 263 no. 5:361-365 '85.
 Dzhurav, V. I., Semenov, V. K. - Second experiment to establish the ion-molecular reaction constants directly in the ionosphere. Dokl. AN SSSR 263 no. 5:366-368 '85.
 Lashin, I. M. - Angular distribution of long-wave outgoing radiation using different ways to calculate the dependence of absorption on pressure. Probl. fiz. atm. no. 5:49-44 '85.

726.7 (Continued)

- 1185, L. S., and others. - Experimental methods for atmospheric aerosol research. Part I: Methods of the intake and analysis of samples. *Probl. fis. atm.* no. 6: 43-77 '68.
- 1186, L. S., Burenkova, N. S., Sarikov, O. M. - Measuring the distribution of atmospheric aerosol in the surface layer of the atmosphere. *Probl. fis. atm.* no. 6: 77-93 '68.
- 1187, L. S., Sarikov, O. M. - Aerosol measurements of the vertical distribution of atmospheric aerosol. *Probl. fis. atm.* no. 6: 93-103 '68.
- 1188, Polischuk, M. I., Timofeev, I. U. M. - Usability of spectral transparency measurements of the atmosphere in the microwave range for the determination of moisture at high altitudes. *Probl. fis. atm.* no. 6: 103-114 '68.
- 1189, Timofeev, I. U. M. - Accuracy of approximation calculation methods for atmospheric inhomogeneity. *Probl. fis. atm.* no. 6: 114-124 '68.

826 Geodesy. Surveying. Triangulation

- Arceev, V. I. - Calculation of plumb line deviations based on geodetic observations in a mountainous region. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 9: 66-71 '64.
- Bolekhov, B. M. - Design of a new protractor. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 9: 71-77 '64.
- Borisev, S. I. - Determining the shape of gimbals for a spherical pendulum. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 67-69 '64.
- Drubynov, V. V. - Use of completely expanded horizontal sections. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 69-74 '64.
- Eliseev, S. V. - Instruments for precise measurements in large areas and geodetic instruments. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 74-84 '64.
- Eliseev, S. V. - Problems involved in the general theory of instruments for angular and linear measurements. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 84-94 '64.
- Feldman, G. A. - Using test on optical systems in geodimeters. *Geod. i kart.* no. 5: 24-29 '64.
- Friedland, I. U. - Electronic pulse control instrument for aerial cameras. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 29-34 '64.
- Goncharov, V. M. - Accuracy in estimating the root-mean-square error. *Geod. i kart.* no. 5: 34-35 '64.
- Orlovskiy, V. L., Kozmina, V. V. - Use of an electronic digital computer in the analytical representation of a relief. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 35-44 '64.
- Polov, I. I. - Simultaneous adjustment of small triangulation and polygonometry data using a "Ural-3" electronic digital computer. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 44-55 '64.
- Prokova, I. M. - Precision leveling in studying vertical deformations of rocks. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 55-64 '64.
- Pravoslavskiy, E. I. - School for advanced cartographers at a map factory. *Geod. i kart.* no. 5: 64-68 '64.
- Khalina, V. A., Shershtova, G. A. - Experience in the use of aerial photographs for large-scale mapping of areas in the Sud-Polishka zone. *Dokl. Vsesoyuz. nauch. iissled. inst.* no. 1: 68-74 '64.
- Kozlov, A. I. - Determining the angles between bases in photogrammetric triangulation. *Geod. i kart.* no. 5: 74-77 '64.
- Kozlov, A. I. - Dispersion analysis of triangle misclosures. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 77-84 '64.
- Korobov, A. M. - Twentieth World Geographical Congress and the Symposium of the International Cartographic Association. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 84-94 '64.
- Kopylov, V. M. - Contrast quality of optical images of objects in aerial photography. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 94-104 '64.
- Koshchakov, V. F. - Stereophotographic surveying in projecting and research on the draining of swampy forest areas. *Geod. i kart.* no. 5: 104-114 '64.
- Kozlovskiy, G. P. - Reorganization of editing work. *Geod. i kart.* no. 5: 114-124 '64.
- Kozlovskiy, P. M. - Automatic range-finder and altimeter. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 124-134 '64.
- Lobanov, A. M. - Use of an electronic computer in determining the elements of photograph orientation based on the control points. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 134-144 '64.
- Loshakov, A. M., Shilovskiy, V. I., Zhidkov, I. I. - Radio navigators for aerial survey strips. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 144-154 '64.
- Maler, D. P. - Use of ground photography in studying aerial communications. *Geod. i kart.* no. 5: 154-164 '64.
- Makhsimov, I. U. - Traverse adjustment using the group method. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 164-174 '64.
- Moldov, I. U. - Loss of accuracy in solving systems of normal equations. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 174-184 '64.
- Morozov, S. G. - Determining the compass bearing. *Geod. i kart.* no. 5: 184-194 '64.
- Muraviev, I. A. - Checking on regular rotation of the telescope axis of optical theodolites. *Geod. i kart.* no. 5: 194-204 '64.
- Mikhailov, M. I. - Preparation of a land utilization map for the U.S.S.R. by large economic regions. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 204-214 '64.
- Mikhailov, V. P. - Measurement of vertical and horizontal shifts of hydrotechnical structures in Central Asia. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 214-224 '64.
- Novik, B. P. - Use of longitudinal photoaxis in sighting. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 224-234 '64.

- Olevskiy, L. V. - Determining the line of regression by the least squares method. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 234-244 '64.
- Padva, V. A. - Finding the coordinates of a station by determining a spatial linear relationship. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 244-254 '64.
- Polishuk, M. I. - Fourth Session of the All-Union Astronomical and Geodetic Society. *Geod. i kart.* no. 5: 254-264 '64.
- Rakhtinov, V. P. - Conference on forecasting maps for mountainous areas. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 264-274 '64.
- Rakhtinovskiy, M. A. - Airborne spectrometer for studying the spectral brightness of landscape elements. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 274-284 '64.
- Rakhtinov, O. F. - Precision of some systems of cosmic triangulation. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 284-294 '64.
- Resolution passed by the session of representatives of the geodetic sections of branches of the All-Union Astronomical and Geodetic Society held in Moscow on December 21-22, 1964. *Geod. i kart.* no. 5: 294-304 '64.
- Seliver, S. A. - International symposium on the use of artificial earth satellites in geodesy. *Geod. i kart.* no. 5: 304-314 '64.
- Seliver, S. A. - Automation in cartography. *Geod. i kart.* no. 5: 314-324 '64.
- Seliver, S. A. - Present-day classified cartography and the objectives of international cooperation. *Izv. AN Kazakh SSR Ser. fiz.-mat. nauk* 3 no. 2: 32-40 '64.
- Seliver, S. A., Danilov, P. - Determining strains in steel structures by the photogrammetric method. *Probl. stroit. i inzh. nauk* 3 no. 2: 40-48 '64.
- Seliver, S. A. - Mapping of flooded areas (as a matter for discussion). *Geod. i kart.* no. 5: 48-58 '64.
- Seliver, S. A. - Diffusion transfer method for making offset printing forms. *Geod. i kart.* no. 5: 58-68 '64.
- Seliver, S. A. - Masking of map elements in engraving. *Geod. i kart.* no. 5: 68-78 '64.
- Seliver, S. A., Grishchenko, A. S. - Some problems in the geographic interpretation of space photographs of the earth. *Vest. LGU* 23 no. 2: 78-88 '64.
- Seliver, S. A. - The DMS-1 computer. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 88-94 '64.
- Talbot, V. A. - Attachment for mine leveling staffs in setting out bench marks. *Usp. inzh. i inzh. nauk* 3 no. 2: 94-104 '64.
- Ushakov, M. S. - Processing of linear measurement results in a system of curvilinear space coordinates. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 104-114 '64.
- Vodopivec, L. L., Plotnikov, V. S., Sobolev, V. M. - Some problems involving the typing in of photographs in determining the coordinates of an artificial satellite using the method of reference stars. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 114-124 '64.
- Vodopivec, A. A. - Bibliography of national and regional atlases. *Geod. i kart.* no. 5: 124-134 '64.
- Kozlov, A. I. - Ellipse curve of errors in the position of a point, determined by means of a linear-angle cut. *Trudy Vsesoyuz. nauch. iissled. inst.* no. 1: 134-144 '64.
- Kozlov, M. P. - Measurement of convex and concave quadrilateral apertures (oculi), concave spherical surfaces, large hemispheres and concave flattened spheroids. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 5: 144-154 '64.

826.477—Christian S. S. R.

- Pavlov, V. P. - Maps of the construction of cultural centers, health resorts and household enterprises in complex regional atlases. *Vizny Kyiv. na Ser. inzh. i inzh. nauk* no. 2: 154-164 '64.

826.54—Australia (Commonwealth)

- Grishchenko, M. P. - Geomagnetic services in Australia. *Vest. LGU* 23 no. 2: 164-174 '64.

826 Chronology. Time. The calendar

- Shchukin, G. S. - Establishment of unified standards for time and length measurements. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 174-184 '64.
- 826.471.64—Khabardino-Balkar A. S. S. R.
- Opryshko, O. L. - Old calendar systems of the Kabardians and Balkars. *Uch. zap. Khabard. univ.* 3: 201-214 '64.

83 PHYSICS AND MECHANICS

- Birlikov, E. A. - Some problems in the theory of quality. *Stand. i inzh. nauk* 3 no. 2: 174-184 '64.
- Bychkovskiy, I. A., Birlikov, V. N. - We are supporting the initiative. *Stand. i inzh. nauk* 3 no. 2: 184-194 '64.
- Dolgovskiy, I. I., Moldovskiy, O. L. - Problems of quality. *Stand. i inzh. nauk* 3 no. 2: 194-204 '64.
- Gorshin, A. I. - An important problem. *Stand. i inzh. nauk* 3 no. 2: 204-214 '64.
- Institute of Mechanical Problems of the U.S.S.R. Academy of Sciences. *Izv. AN Kazakh SSR Ser. fiz.-mat. nauk* 3 no. 2: 214-224 '64.
- Institute of Mechanical Problems of the U.S.S.R. Academy of Sciences. *Stand. i inzh. nauk* 3 no. 2: 224-234 '64.
- Ivashchenko, V. - Quality sounds better! *Stand. i inzh. nauk* 3 no. 2: 234-244 '64.
- Kalashnikov, A. A., Prokhorov, G. V., Shalchikov, S. N. - Effect of error in thread profile angle on efficiency of the screw-nut hydrostatic transmission. *Stand. i inzh. nauk* 3 no. 2: 244-254 '64.
- Kaplan, P. I. - My memories of Ernest Rutherford. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 254-264 '64.
- [Physics] Ref. abstr. *Phys.* no. 12 D '64.

Report of the session of the Scientific Council dealing with "General Mechanics". *Mekh. i inzh. nauk* no. 3: 123-133 '64.

- 1185, L. S., and others. - Quality means the science of the quality of production. *Stand. i inzh. nauk* 3 no. 2: 133-143 '64.
- Grishchenko, M. P. - Measuring the quality of products. *Stand. i inzh. nauk* 3 no. 2: 143-153 '64.
- Tikhonovskiy, L. V. - Quality means the science of quality. *Stand. i inzh. nauk* 3 no. 2: 153-163 '64.
- Vasishina, V. S. - On the "science" of measuring the quality of production. *Stand. i inzh. nauk* 3 no. 2: 163-173 '64.

83.06 Measurement: principles, methods

- Andreev, I. U. A., Baskovskiy, I. M., Latshev, G. D. - Methods for the automation of physical measurements using magnetic beta-ray spectrometers. (Review). *Izv. AN Kazakh SSR Ser. fiz.-mat. nauk* 3 no. 2: 173-183 '64.
- Eliseev, S. V. - Instruments for precise measurements in large areas and geodetic instruments. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 74-84 '64.
- Grishchenko, M. P., Magda, I. M. - Use of the flotation method in microbalance calibration. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 84-94 '64.
- Koshchakov, V. M. - Equations and conditions for the nondeformation of pantograph gyroscopes. *Mekh. i inzh. nauk* 3 no. 2: 94-104 '64.
- Lashchenko, V. P. - Stability of a gyrostat on a mobile base. *Mekh. i inzh. nauk* 3 no. 2: 104-114 '64.
- Mikhailov, V. A. - Effect of pressure on mass exchange in film rectification process. *Mosk. gos. univ. izv. fiz.-mat. nauk* 3 no. 2: 114-124 '64.
- Medvedev, I. A. - Simultaneous measurement of the velocity and coefficient of ultrasound absorption and the shear viscosity of the liquids concerned, as dependent on the state variables. *Prilozheniya k izv. vyzn. ucheb. zav., geod. i aerof.* no. 2: 124-134 '64.
- Mozhukhin, I. V. - "Mapas drifts" of a gyrostat in an universal joint of finite rigidity. *Mekh. i inzh. nauk* 3 no. 2: 134-144 '64.
- Rottenberg, I. A. M. - Controlled gyroscopic systems. *Mekh. i inzh. nauk* 3 no. 2: 144-154 '64.
- Sidorov, S. M., Chirbakov, A. I. - Examination of the vibrations of a high-speed small size rotor using the photographic recording method. *Opt. i mekh. prom.* 30 no. 2: 154-164 '64.
- Vikhovskiy, A. M., and others. - Anthropometric characteristics of the lower extremities in children regarding the application of prostheses. *Prots. i protsestr.* no. 2: 164-174 '64.
- Vorobiev, G. M., Kotova, L. L. - Use of an X-ray diffractometer in studying the distribution of grains by sizes. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 174-184 '64.

826.12 Relativity principle

- Grishchenko, M. P., Pavlovskiy, A. A. - A contribution to the relativistic theory of gravitation. *Izv. AN Kazakh SSR Ser. fiz.-mat. nauk* 3 no. 2: 183-193 '64.
- Grishchenko, M. P. - Relationship between world and anti-world. *Prilozheniya k izv. vyzn. ucheb. zav., geod. i aerof.* no. 2: 193-203 '64.
- Grishchenko, M. P. - Partials-like solutions to covariant Klein-Gordon equations. *Vest. LGU* 23 no. 2: 203-213 '64.

826.145 Quantum theory. Wave mechanics

- Arshanyan, L. S., Shalchikov, S. N. - Solution of a relativistic quantum equation for an electron in a Coulomb field. *Izv. AN Kazakh SSR Ser. fiz.-mat. nauk* 3 no. 2: 213-223 '64.
- Bochkovskiy, M. S., Baskovskiy, I. M., Koshchikov, M. D. - Quantum statistical theory of exchange currents. *Phys. rev.* 18 no. 4: 1224-1233 '64.
- Baskovskiy, I. M., Grishchenko, M. P. - Quantum statistical theory of the Overhauser transverse effect. *Phys. rev.* 18 no. 4: 1233-1243 '64.
- Galperin, I. U. M. - Quantum oscillations of thermomagnetic coefficients in the phonon drag effect. *Phys. rev.* 18 no. 4: 1243-1253 '64.
- Gorshin, V. B., Baskovskiy, I. M. - Model of scattering on a fixed source with spin. *Vest. LGU* 23 no. 2: 253-263 '64.
- Grishchenko, M. P. - Quantum-mechanical models in the reactions involving complex compounds. *Kataliz i inzh. nauk* 3 no. 2: 263-273 '64.
- Karpovskiy, A. A. - Concerning the theory of shallow surface states. *Phys. rev.* 18 no. 4: 1253-1263 '64.
- Klinger, M. I. - Jumping transfer in a disordered lattice. *Dokl. AN Kazakh SSR* 183 no. 2: 273-283 '64.
- Kruglik, I. U. A., Ushakov, D. R. - Calculation methods in quantum chemistry. *Report No. 1: Calculation of integrals $A_n(\sigma, \epsilon) = \int_0^\infty \exp(-\sigma x) \exp(-\epsilon x) dx$ and $B_n(\sigma, \epsilon) = \int_0^\infty \exp(-\sigma x) \exp(-\epsilon x) dx$ on computers. *Izv. vyzn. ucheb. zav., geod. i aerof.* no. 1: 283-293 '64.*
- Latshev, V. M., Pavlovskiy, M. P. - Some possibilities of studying the structure of electron spectrum by means of quantum size effect. *Phys. rev.* 18 no. 4: 1263-1273 '64.
- Mandarov, V. M. - Possible relativistic generalization of the Feynman approach to quantum mechanics. *Vest. LGU* 23 no. 2: 293-303 '64.
- Mittin, A. V. - Laser stimulated gamma-optical transition. *Phys. rev.* 18 no. 4: 1273-1283 '64.
- Mikhailov, M. I. - Quantum-mechanical states in a central potential well. *Dokl. AN Kazakh SSR* 183 no. 2: 303-313 '64.
- Ostrik, V. D. - Use of two-time Langevin equations in studying quantum fluctuations in the Fermi system with Coulomb. *Vest. LGU* 23 no. 2: 313-323 '64.

530.148 (Continued)

- Tamm, I. E. - Evolution of the quantum theory. *Priruchnik* no. 11:17-32 '68.
- Tsikunov, V. M. - Quantum mechanics of the spin wave in a ferromagnetic substance. *Fiz. tver. tela* 16 no. 4: 1004-1011 Ap '68.
- Vainikova, L. A., Minakov, L. A. - State 3p², 3p³, 3p⁴, 3p⁵ of Na atom. Part 2. Oscillator strength and excitation cross sections with electronic impact. *Zhur. prikl. fiz.* 9 no. 1:60-70 Ji '68.

530.17 Shockley principle. Analogies

- Gerasimov, Kh. A., Sidorov, G. A. - Miniature parameters of transient processes in gas turbine plants. *Radiofiz. i inzh. elektr.* no. 3:44-50 '68.

530.18 Lenses

- Gugumskii, Dzh. F., Kamichelavskii, O. M. - Corroboration of Minner's hypothesis. *Sov. AN Gruz. SSR* 51 no. 3:549-572 S '68.

531 Mechanics

- Silde, O., Tikhon, R. - Applicability of the kinetic energy theorem in mechanics. *Trudy TPI, Ser. A* no. 2:133-13 '68.
- Yak, M. A. - Propagation of waves in elastic strings of three-dimensional shape. *Mekh. tver. tela* no. 3:42-53 My-Je '68.

531.1 Kinematics

- Orlovskii, W., Vdovin, A., Zelenitski, K. - Studying the kinetics of a reaction of cobalt carbonyl with methyl alcohol. *Zhur. obshch. khim.* 38 no. 12:2324-2328 D '68.
- Krasnolud, S. U., Barchukov, K. A. - Kinetic reaction for the determination of iron by means of sulfonate. *Trudy IREK* no. 28:287-288 '68.
- Orlov, V. O., Cherdasova, M. V., Barchuk, V. M. - Kinematic analysis of the reaction mechanism of hitting machinery. *Izv. vuzov* 9 no. 8:2-8 S-O '68.

531.2 Static and geophysical studies

- Fedotina, E. L. - Peculiarities of load distribution between pinions of heavy planetary gear train. *Vest. mashinost.* 48 no. 11:13-31 M '68.

531.3 Dynamics. Kinetics

- Lobryns, N. A., Dymarchuk, M. P., Mikhalevskii, K. P. - Polarographic study of kinetics of sodium sulfite reaction with potassium chlorate. *Zhur. obshch. khim.* 38 no. 10:2151-2153 O '68.
- Khramov, N. K., Tsydikhov, V. V. - Temperature effect on kinetics of cathode processes in quinoline sulfate solutions. *Zhur. fiz. khim.* 42 no. 1:1708-1713 J '68.
- Kopys, N. A. - Stability of a single-axis gyrostat with respect to dry friction in the precision axis. *Izv. vuzov, tekhn. nauch. ser.* 11 no. 12:60-66 '68.
- Kondratyev, A. V., Shakhov, A. P., Nikolaev, K. A. - Braking mode of a hydraulic servomechanism taking into account the elastic linkage between the load and the hydraulic motor. *Vest. mashinost.* 48 no. 11:43-44 D '68.
- Krasnitskii, S. K. - Study of the type of time dependence of a force arising in the dynamic compression of a cylindrical specimen. *Prikl. mekh.* 4 no. 11:107-113 '68.
- Lepeshchuk, L. A., Strishchuk, S. L. - Special features of the kinetics of sorption of size and cohesion on cation exchanger KU-1. *Zhur. fiz. khim.* 42 no. 7:1840-1842 J '68.
- Mandrasov, V. L. - Kinetic properties of metal in an electrostatic field. *Fiz. tver. tela* 10 no. 4:1834-1837 Ap '68.
- Martynuk, A. A., Kirichenko, M. P. - Comments on M. D. Chertav's theory of the stability of unsteady motion within a given time interval. *Prikl. mekh.* 4 no. 11:128-133 '68.
- Shchekolov, V. K., and others. - Kinetics of gas phase reaction of α -pyrrolidone with the use of kinetic catalysts. *Zhur. fiz. khim.* 42 no. 7:1894-1895 J '68.
- Levin, V. A., Khachat, B. D. - Equations of motion of macroscopic spin values for systems with $S = 1/2$. *Fiz. tver. tela* 10 no. 4:1173-1180 Ap '68.

531.4 Work. Friction

- Martynov, O. M., Larionov, V. V., Konstantinov, M. A. - Temperature dependence of an area of actual contact and friction forces of high elastic materials. *Mekh. polim.* no. 4:726-730 '67.
- Orlov, F. X., Kiselevskii, V. M. - Modification of density in a fluidized bed. *Mashinost. prots. khim. tekhnol.* no. 3: 187-193 '67.
- Luttre, K. - Coefficient of friction in rotary boring. *Trudy TPI, Ser. A* no. 2:133-13 '68.
- Konstantinov, P. M., Kistov, V. Z. - Effect of drawing of the air from the boundary layer on friction and heat exchange. *Sov. tekhn. fiz.* no. 12:378-383 '67.
- Khachat, M. L. - Destabilizing effect of friction on the stability of nonconservative elastic systems. *Mekh. tver. tela* no. 3:44-47 My-Je '68.

531.5 Correlation. Ballistics

- Ostrowski, G. A. - On singular points of analytic continuation of gravity potential derivatives. *Geofiz. sbor.* no. 13:18-27 '68.

- Orlovskii, I. A., Pashkova, A. A. - A contribution to the relativistic theory of gravitation. *Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk* 3 no. 3:66-68 My-Ag '68.
- Alukarov, G. P. - On Feyn's reduction. *Izv. vuzov, tekhn. nauch. ser.* no. 1:77-86 '68.
- Pak, Z. M. - Approximation along a three-point curve. *Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk* 3 no. 3:82 S-O '68.

531.7 Geometrical, mechanical magnetics; measurements, etc.

- Agabekov, M. G., Arutunov, L. A., Tshelavich, M. R. - Analysis of errors in the measurement of the main mechanisms of wave counters. *Priboirostroenie* no. 8: 17-19 Ag '68.
- Alukarov, G. P., and others. - Photoelectric comparator for checking phase shifts with length up to 100 mm. *Izv. vuzov, tekhn. nauch. ser.* no. 1:77-86 '68.
- Avdeev, V. P. - Universal device for measuring the level of liquid and viscous media. *Izv. vuzov, tekhn. nauch. ser.* no. 8:83-84 My '68.
- Avdeev, A. N., Tabachko, A. M. - New instruments for checking surface roughness of machine-tool parts. *Stanki i instr.* 39 no. 1:33-37 O '68.
- Babikov, L. S. - Device for measuring the diameter of a thin wire. *Avtom. kont. i reg. v lab. prom.* no. 3: 218-220 '68.
- Baranov, I. U. V., and others. - Device for digital indication of the relative speed of two rotating shafts. *Prikl. i stat. opr.* no. 6:80 S '67.
- Baronovskii, I. U. A., Zaitsev, E. V., Samosudov, P. A. - RKT device for controlling radial thickness of the insulation of copper enamelled wires with δ , 0.1 to 2.44 mm. *Avtom. kont. i reg. v lab. prom.* no. 3:100-113 '68.
- Baginov, A. A., Baginov, G. M. - System for checking gas measuring tanks. *Izv. vuzov, tekhn. nauch. ser.* no. 10:83-85 O '68.
- Brishkov, G. S. - New method for controlling the sharpness of the cutting blades of instruments. *Izv. vuzov, tekhn. nauch. ser.* no. 1:33-37 O '68.
- Bobrovskii, G. M., Krasnov, R. M. - Distribution of pressure in the variable gaps of systems with nonsealed piston. *Izv. vuzov, tekhn. nauch. ser.* no. 1:33-37 O '68.
- Bychkov, O. D. - Present-day methods for checking planes using electronic and computing equipment. *Izv. vuzov, tekhn. nauch. ser.* no. 10:14-18 O '68.
- Dubachko, V. P. - Attachment for drawing graduation lines. *Mashinostroenie* no. 10:118 O '68.
- Fedorov, A. I. - Evaluation of the sensitivity threshold of an angular acceleration transducer with a mechanical spring. *Izv. vuzov, tekhn. nauch. ser.* no. 10:14-18 O '68.
- Vilimov, M. M. - Analysis of the operation of a device for controlling the diameter thickness of insulation of enamelled wires using water as a current conducting liquid in a capacitance transducer. *Avtom. kont. i reg. v lab. prom.* no. 3:118-123 '68.
- Vilimov, M. M. - Multichannel automatic device for controlling point damages during the enamelling of STP-12 type wires. *Avtom. kont. i reg. v lab. prom.* no. 3:118-123 '68.
- Kellogg, I. U. P., Fedorko, A. S. - Passage of beta particles through plane condensers. *Avtom. kont. i reg. v lab. prom.* no. 3:124-129 '68.
- Krasnitskii, I. U. S., Krasnov, V. M., Rukhlov, G. I. - Increasing the interference rejectivity of a receiver of a wireless electric communication channel with the well bottom. *Izv. vuzov, tekhn. nauch. ser.* no. 1:33-37 O '68.
- Krasnitskii, L. P., and others. - The AKTP-12 small-sized unit for the automatic control of point damages in the insulation of enamelled wires. *Avtom. kont. i reg. v lab. prom.* no. 3:124-129 '68.
- Krasnitskii, L. P., Samosudov, P. A., Tshelavich, M. R. - Effect of wet indicators of point damages on the quality of enamelling of winding wires. *Avtom. kont. i reg. v lab. prom.* no. 3:129-133 '68.
- Krasnitskii, K. V. - Improvement of the design of the LEV-3 device. *Izv. vuzov, tekhn. nauch. ser.* no. 10:18 O '68.
- Kobets, F. S., Rubchinskii, A. V. - Analysis of errors in the measurement of viscosity. *Elektroizmerenia* 36 no. 10:53-54 O '68.
- Kondratyev, A. V. - Modulation of linearly polarized light along the plane of polarization and its use in distance measurements. *Izv. vuzov, tekhn. nauch. ser.* no. 1:33-37 O '68.
- Kondratyev, M. K., Melnikovskii, L. F., Shchuk, V. M. - Transformer converters of small displacements with functional output. *Priboirostroenie* no. 8:4-5 Ag '68.
- Kontsevskii, I. U. P., Krasnov, O. A., Pechenkin, A. I. A. - Two-wave high-precision interferometer. *Opt. mekh. prom.* 36 no. 8:14-23 S '68.
- Krivonoz, A. A., Martynuk, V. O. - Study of transducers and the topography of a field in a diffraction method for controlling airtightness. *Avtom. kont. i reg. v lab. prom.* no. 3:67-71 '68.
- Martynuk, V. O., Shchuk, L. A. - Method for controlling films using ferrite non-transducers. *Avtom. kont. i reg. v lab. prom.* no. 3:73-78 '68.
- Martynov, V. T. - Hydroelectric levelling instruments for measuring deviations from horizontal plane and regularity of long guides. *Izv. vuzov, tekhn. nauch. ser.* no. 10:11-14 O '68.
- Maslov, L. A., Gerasov, V. M. - Study of solenoids and ballistics density in the solid and liquid states. *Izv. AN SSSR, Ser. fiz.-mat. nauk* 4 no. 11:1544-1545 M '68.
- Ostrowski, G. M. - The design of slide calipers should be improved. *Izv. vuzov, tekhn. nauch. ser.* no. 1:33-37 O '68.
- Pavlov, L. S., Terekhin, L. M. - Differential depth sensitivity of gamma-gamma densitometer. *Zav. lab.* 34 no. 10:118-121 '68.
- Paral'man, E. L. - Principal error component in the weighing of coupled railroad cars. *Izv. vuzov, tekhn. nauch. ser.* no. 10:18-21 O '68.
- Ponomarev, I. U. - Methodical error of a method for determining the number of an aperture. *Zav. lab.* 34 no. 10: 1229-1232 '68.
- Potkin, V. V., Potkin, V. I., Parnikov, A. B. - Two-component dynamometer. *Stanki i instr.* 39 no. 7:30 J '68.

- Prasolov, R. S. - Multipoint recording thermoelectric vacuum gauge. *Zav. lab.* 33 no. 8:144-147 '68.
- Pronomov, I. U. P. - Ultrasonic densimeter for control. *Ugol' Ukr.* 12 no. 10:45-47 O '68.

- Rasvaykii, M. P., Pavlov, T. T., Baryshov, I. I. - Silicon dioxide transducer and its characteristics. *Prikl. i stat. opr.* no. 11:47-48 D '68.

- Samosudov, P. A. - Control of the thickness of copper enamelled wires with rectangular cross section during their manufacturing. *Avtom. kont. i reg. v lab. prom.* no. 3:114-123 '68.

- Samosudov, P. A. - Method for controlling lead and aluminum sheathings of cables. *Avtom. kont. i reg. v lab. prom.* no. 3:105-108 '68.

- Sandigorski, I. M., Plotnikov, D. M., Reichenkov, M. I. - Equipment for continuous control of the temperature of moving wire. *Avtom. kont. i reg. v lab. prom.* no. 3:114-123 '68.

- Shchuk, A. V., and others. - Study of the operation of silicon a.c. silicon strain gauges in static and dynamic modes. *Poluprov. tekhn. i mikroelektr.* no. 1:3-10 '67.

- Schuk, E. - Transmission of data on optical characteristics of plants by operational television system. *Trudy TPI, Ser. A* no. 2:133-13 '68.

- Seppol, E. - Dynamics of the operation of thermoelectric vacuum meters. *Trudy TPI, Ser. A* no. 2:133-13 '68.

- Shalygin, I. V., Samosudov, P. A. - Calculation of dynamic characteristics of metal detectors. *Izv. vuzov, tekhn. nauch. ser.* no. 8:78-82 My '68.

- Shapiro, M. M., and others. - Noncontact active control device for a turning machine tool. *Stanki i instr.* 39 no. 7:30-31 J '68.

- Shchuk, V. P., Shchuk, V. V. - Device for the automatic control of percentage content of the water in a glass plastic. *Izv. vuzov, tekhn. nauch. ser.* no. 8:78-82 My '68.

- Shchuk, G. R. - Reliability of welded standards for time and length measurements. *Izv. vuzov, tekhn. nauch. ser.* no. 8:78-82 My '68.

- Shchuk, A. V. - Microphoto-type level indicators. *Priboirostroenie* no. 11:18-19 D '68.

- Shchuk, A. A. - Noncontact indicator of rotor position. *Radiofiz. i inzh. elektr.* no. 3:44-50 '68.

- Talantov, A. S., Tikhonov, I. N. - Unilateral polarization of a multiplier type for the study of stresses by the method of photoelasticity. *Izv. vuzov, tekhn. nauch. ser.* no. 7:31-35 '68.

- Tikhonov, O. M. - Optical sliding measurement of speed and acceleration. *Izv. vuzov, tekhn. nauch. ser.* no. 8:78-82 My '68.

- Tikhonov, M. M., and others. - Automatic large resolution drilling of deep, small-diameter holes. *Stanki i instr.* 39 no. 7:30-31 J '68.

- Vasilievskii, V. M. - Germanium resistance thermometer for 80-700° K temperature range. *Poluprov. tekhn. i mikroelektr.* no. 1:3-10 '67.

- Vladovskii, B. S., Dolmatov, I. U. A., Pavlov, G. P. - System for controlling the diameter of a wire with speeds of up to 1800 m/min. *Avtom. kont. i reg. v lab. prom.* no. 3:118-123 '68.

- Volkov, T. M., Krasov, R. T. - Measurement of the ratio of the cutting edge of instruments. *Izv. vuzov, tekhn. nauch. ser.* no. 10:18 O '68.

- Vybolobov, V. M. - Improving thread rolling adjustment. *Stanki i instr.* 39 no. 7:30-31 J '68.

- Zakharovskii, A. N., and others. - Rayleigh-optical interference micropiprometer. *Opt. mekh. prom.* no. 8:14-23 S '68.

- Zinchenko, V. M., Kozlov, V. S. - Selection of an efficient structure of a lever transducer for controlling an object. *Izv. vuzov, tekhn. nauch. ser.* no. 11:78-84 '68.

531.715 Optical precision instruments. Interferometry, etc.

- Mikheyev, A. M., Volgov, A. T., Gritskov, T. K. - Error of the optical method of measuring angles. *Ugol' Ukr.* 12:164-172 '68.

531.72 Force, work, and pressure. Dynamometer, measuring systems, etc.

- Kononov, A. M., Khachat, M. A. - Mand for testing wheeled tractors. *Trudy FOMIA* 84:131-137 '68.
- Rakov, A. V., Balasov, I. U. V. - Operational effect of nonstationary temperature stresses in the elements of electric power systems. *Elektr. st.* 48 no. 11:13-14 '68.
- Shchuk, A. L. - Regulating laboratory rheometer. *Zav. lab.* 33 no. 7:899-900 '68.

532 Fluid mechanics. Hydraulics

- Agabekov, L. F., Molokanov, I. U. K., Korobkov, T. P. - Hydraulic characteristics of different constructions of plates from B-shaped elements. *Mashinost. prots. khim. tekhnol.* no. 3:175-178 '67.
- Ananian, L. S., Baidya, M. T., Chirpsev, S. V. - Study of moisture transport processes in deformable porous bodies. *Izv. vuzov, tekhn. nauch. ser.* no. 3:43-44 My '68.
- Anoshin, I. M., Rimbobekov, M. P. - Eddy viscosity in two-phase flow. Calculation of bubbling rediffusion apparatus. *Mashinost. prots. khim. tekhnol.* no. 3:175-178 '67.
- Balashov, G. L., Krasnitskii, V. N. - Effect of supermolecular formations in diluted solutions of polymers on turbidity. *Izv. AN SSSR, Mekh. khim. i fiz. nauch. ser.* 48-78 My-Je '68.
- Balashov, M. M., Vladimirov, S. A. - Calculating nonstationary temperature fields in an α -type cylindrical wall with boundary conditions of the third order. *Gidromekhanika i teore. uprug.* no. 6:44-47 '67.
- Belinskii, D. A., Shchuk, L. A. - Use of the ultrasonic method in studying gas-liquid systems in porous media. *Prikl. i stat. opr.* no. 11:47-48 D '68.
- Bogdanov, A. V. - Interaction between ultrasonic and magnetohydrodynamic waves in a plasma. *Prikl. i stat. opr.* no. 11:47-48 D '68.

62 (Continued)

- Brilov, V. L., Kozlov, A. M., Lashin, S. I. - Equations and boundary value problems in the theory of two-phase percolating flows through a porous medium. Dokl. AN SSSR 23 no. 2:307-310 '88.
- Derzhak, P. Kh. - Nonstationary streamline flow around a deformable surface. (Plane problem) Gidrosfer. Mekh. i teor. spruzh. no. 6:36-43 '87.
- Dmitriyev, N. B. - Power formula determining the rate of liquid flow in smooth pipes. [Trudy] Ural. politekh. inst. no. 129:20-26 '84.
- Dmitriyev, N. B. - Velocity formulae determining turbulent flow in pipes. [Trudy] Ural. politekh. inst. no. 129:101-106 '84.
- Dobryshin, K. E. - Propagation of a plane jet of reacting fluid. Inzh.-fiz. zhurn. 8 no. 6:585-592 '87.
- Krasimov, S. K., Ryachov, V. L. - Horizontal shock of a sphere submerged in incompressible fluid. Gidromekh. i teor. spruzh. no. 6:31-34 '87.
- Krasimov, V. V., Pechkov, V. M. - Mechanism of transfer of viscous masses. Mekh. i aviom. protzv. 22 no. 5:3-4 '88.
- Krasimov, V. V., Dmitriyev, V. M., Kogan, I. Kh. - Calculation of pressure in the intake channel of a turboblast jet compressor. Prikl. i teor. mek. no. 13:8-9 '88.
- Ostrikov, M. I. - Aerodynamic effect of a train on a small body. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:98-100 '87.
- Hydrodynamics Institute of the Siberian Branch of the U.S.S.R. Academy of Sciences. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:66-200 My-Je '88.
- Arakelid, A. G. - Thin profile in a divergent two-dimensional flow of compressible fluid. Gidromekh. i teor. spruzh. no. 6:24-30 '87.
- Melikhov, I. K. - Method for calculating the flow distribution along constricting filtering and other apparatus of cylindrical shape. Inzh.-fiz. zhurn. 8 no. 6:626-635 '87.
- Krasimov, V. I. - Joseph conditions of dispersed tailwater flows. Izv. vuzov, tekhn. ser. i stroit. i arkh. 11 no. 3:124-128 '88.
- Krasimov, V. P., Melikhov, I. K. - Design of molecular pumps. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:178-181 My-Je '88.
- Krasimov, V. P., Melikhov, V. K. - Effect of nonuniformity of the velocity profile on the readings of an induction flow meter. Inzh.-fiz. zhurn. 8 no. 3:141-143 Ap-Je '88.
- Krasimov, V. K., Ryachov, R. P. - Coaxial flow in an annular channel. Trudy Akad. Nauk SSSR, Mekh. zhid. i gas. no. 3:230-236 '88.
- Lashin, S. I., Melikhov, I. A. - Effect of normal stresses in a steady one-dimensional flow of polymer fluids. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:184-189 My-Je '88.
- Lashin, S. I., and others. - Hydrodynamics of bubbling through a layer of liquid with packing. Massob. prots. khim. tekhnol. no. 3:177-178 '87.
- Melikhov, I. A. - Yield of a well in a petroleum pool with a partially permeable contour. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:198-199 My-Je '88.
- On T. S. Alekseyev's article entitled "On the nature of the surface effect" (Gidromekh. i teor. spruzh. no. 4, 1984). Inzh.-fiz. zhurn. 8 no. 5:623-624 My '88.
- Prokhorov, V. P., Melikhov, I. A. - Study of the effect of direction of gas course into liquid on hydrodynamics of bubbling process and mass transfer. Massob. prots. khim. tekhnol. no. 3:178-179 '87.
- Ryachov, R. P., Melikhov, I. A. - Evaporation and condensation of vapor of a fluid from a binary spherical bubble. Dokl. Akad. Nauk SSSR, Mekh. zhid. i gas. no. 3:184-189 My-Je '88.
- Ryachov, R. P. - Formulas for the motion of variable viscosity systems in an ideal liquid. Mekh. i teor. spruzh. no. 4:13-21 '88.
- Sasha, V. M. - Lattice of random vibrating profiles in a flow of a noncompressible liquid. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:81-87 My-Je '88.
- Sasha, V. M., and others. - Hydrodynamic resistance of ascending film flow of liquid in plane slit. Massob. prots. khim. tekhnol. no. 3:178 '87.
- Tsymbal, M. B. - Improvement of speed characteristics of hydraulic servomechanisms. Mekh. i aviom. protzv. 22 no. 5:15-20 '88.
- Tsymbal, M. B., Khromovskiy, I. U. G. - Heat exchange of heated tubes during their reciprocating motion in a liquid. Kinet. i teor. mekhan. no. 10:19-20 O '88.
- 62.13 Internal friction. Fluidity. Viscosity
- Melikhov, I. A., Tsymbal, M. B. - Thixotropy of filled polyethylene melts at periodic shear. Mekh. i teor. spruzh. no. 6:287-291 O '88.
- Melikhov, I. A. - Absorption coefficient and bulk viscosity of gaseous mixtures of organic liquids. Prikl. i teor. mek. no. 13:180-183 '84.
- Melikhov, I. A. - Flow in an extruder. Newtonian liquid. Fluidity. Mekh. i teor. spruzh. no. 6:233-235 O '88.
- Krasimov, I. M., Palei, S. S., Dogonchikov, G. A. - Ultrasonic, UVV-DIV viscometer. Zav. lab. 33 no. 7:880-883 '84.
- Lashin, S. I., Krasimov, V. M. - A high-temperature viscosity viscometer. Zav. lab. 33 no. 9:1161 '88.
- Melikhov, I. A. - Method for absorption measurements and calculation of the bulk viscosity of binary mixtures of benzene - methyl alcohol along the relaxation lines. Prikl. i teor. mek. no. 13:183-187 '84.
- Melikhov, I. A., Melikhov, L. - Synopses on the rheology of polymers. Mekh. i teor. spruzh. no. 6:243-244 O '88.
- Melikhov, I. A., Melikhov, L. - Effect of viscosity and temperature on diffusion currents of some ions in anodic region on rotating microdisk electrode. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:126-131 '83.
- Ostrikov, M. V., Krasimov, S. K., Tikhonov, A. L. - Experience in the industrial determination of glass viscosity on tank furnace feeders. Mekh. i teor. spruzh. no. 12:16-18 D '87.
- Pobedina, B. K. - State equations of viscous-elastic isotropic media. Mekh. i teor. spruzh. no. 4:648-651 '87.
- Pokrovskiy, V. M. - Some problems of microtechnology of dispersed systems and polymers. Calculation of the tensor suspension stresses of rigid ellipsoids. Koll. zhurn. 35 no. 6:821-836 N-D '86.
- Potashnik, I. U. A., Rukhlov, R. I., Anisimov, V. G. - High-temperature torsion viscometer with automatic recording of readings. Zav. lab. 34 no. 10:1187-1188 '88.
- Shchegolev, P. A. - Evaluation of methods for the calculation of viscous flow in cylindrical channels. Kinet. i teor. mekhan. no. 9:33-34 '88.
- 62.15 Hydrodynamics. Fluid motion. Flow
- Alsholov, M. A. - Dynamics of sediments in the lower part of the conical zone. Trudy Sotuz. Mur. NIIProekt. no. 20:103-119 '88.
- Ameyferov, S. M. - Relation of the flow of sand sediments in (translatory) motion to its average rate (at high rates of flow). Trudy Sotuz. Mur. NIIProekt. no. 20:77-83 '88.
- Aron, P. L., Bakhminder, M. A. - Theory of the movement of liquid in capillaries during evaporation from the surface of a meniscus. Zhur. teor. i prikl. fiz. no. 14:98-107 '87.
- Bakhminder, M. A., Bakhminder, V. G. - Energy losses in the course of the interaction of components of flow with different roughness. Mekh. i teor. spruzh. no. 6:83-87 '88.
- Bakhminder, V. G., Bakhminder, M. A., Bakhminder, G. I. - Generalization of experimental data on the intensity of velocity pulsations during turbulent flow of liquid in ducts of various shapes. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:162-165 My-Je '88.
- Bondarenko, M. F. - Effects of traces of displacement stability of a liquid on its movement in an unsteady medium. Zhur. teor. i prikl. fiz. no. 14:24-27 '87.
- Bondarenko, M. F. - Study of the filtration anomalies of liquids. Zhur. teor. i prikl. fiz. no. 14:28-38 '87.
- Bondarenko, M. F., Marfin, S. V., Pashchenko, S. M. - Transfer of moisture to the evaporation front in a strongly stationary process. Zhur. teor. i prikl. fiz. no. 14:30-44 '87.
- Doroshenko, P. P., Bykov, L. I. - Increasing the efficiency of the operation of above-ground automatic pipelines. Izv. vuzov, tekhn. ser. i stroit. i arkh. 11 no. 3:161-163 '88.
- Doroshenko, P. P., Melikhov, I. A., Lashin, S. I. - Analysis of kinematics of a liquid flow in spherical vessels. Kinet. i teor. mekhan. no. 9:778-783 '88.
- Doroshenko, P. P. - Regimes of laminar stationary flows of biocompatible dispersed systems. Vertikal. teor. i prikl. fiz. no. 3:63-64 My-Je '88.
- Doroshenko, P. P., and others. - Method of measuring rates of flow in rotating turbine turbine channels with the help of piezoelectric transducers. Zhur. teor. i prikl. fiz. no. 3:134-136 '88.
- Dmitriyev, I. U. M., Taganov, M. L. - Study of hydrodynamics of ejector gas-liquid systems in a centrifugal field. Massob. prots. khim. tekhnol. no. 3:180-181 '87.
- Dmitriyev, V. B. - Determining capacity of water balance dampers during pump starting period. Izv. vuzov, tekhn. ser. i stroit. i arkh. 11 no. 3:144-145 '88.
- Dmitriyev, V. B. - Interaction of phases in a sediment-transporting two-phase flow with low turbidity degree. Trudy ArmNIIPG 1:401-408.
- Gallimov, A. K. - Displacement of petroleum and petroleum products in inclined pipelines. Izv. vuzov, tekhn. ser. i stroit. i arkh. 11 no. 10:87-88 '88.
- Gilman, A. M. - Comparative study of the heat transfer of some substances in porous ceramic model systems. Zhur. teor. i prikl. fiz. no. 14:48-54 '87.
- Gilman, A. M. - Superheated flow around bodies under small angles of attack. Gidromekh. i teor. spruzh. no. 6:117-121 '87.
- Goroshenko, M. V., Gerasimov, V. M., Roshchinskii, V. B. - Study of hydrodynamics and mass exchange in columns with plane-parallel packing. Massob. prots. khim. tekhnol. no. 3:180-183 '87.
- Gerasimov, V. M., Roshchinskii, V. B. - Precise solution of Navier-Stokes one-dimensional equations. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:100-103 My-Je '88.
- Lashin, S. I. - Motion of non-Newtonian fluids in the entrance section of a cylindrical tube. Kinet. i teor. mekhan. no. 9:38-40 '88.
- Bratimov, M. Kh., and others. - Space-time characteristics of temperature pulsations in the turbulent flow of a liquid in a square channel. Teplofiz. vyz. i teor. 8 no. 6:1068-1071 N-D '88.
- IUshakov, M. M., Roshchinskii, V. B., Marechok, K. V. - Hydrodynamics of fluidization of conical layer of polydispersed ion exchanger. Massob. prots. khim. tekhnol. no. 3:107-108 '87.
- Karyov, I. U. L., Semakovich, I. U. P., Cherkas, A. I. A. - Calculation of a detached flow between two bodies. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:98-104 My-Je '88.
- Krasimov, V. M. - Constructional special features and hydrodynamics of new rapid mass exchange columns with conical exchangers. Massob. prots. khim. tekhnol. no. 3:187-188 '87.
- Krasimov, V. M., Denisov, T. B., Parnasov, V. A. - Experimental study of mass transfer from the wall of a smooth tube to turbulent flow of liquid at Prandtl large numbers. Massob. prots. khim. tekhnol. no. 3:114-115 '87.
- Krasimov, V. M. - Calculation of two-dimensionality in flat parallel flows of viscous liquid in the linear theory of hydrodynamic stability. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:184-190 My-Je '88.
- Krasimov, V. M. - Studying variable viscosity flow in the entrance section of a channel. Trudy ArmNIIPG 1:407-414 '87.
- Lavich, V. G., Pis'men, L. M., Kochanov, S. I. - Hydrodynamic mixing in a granular layer. Physical model of stagnation zones. Massob. prots. khim. tekhnol. no. 3:13 '87.
- Lavich, V. G., and others. - Hydrodynamics of bubbling through a layer of liquid with packing. Massob. prots. khim. tekhnol. no. 3:177-178 '87.
- Lavich, V. G. - Hydrodynamics of bubbling. Massob. prots. khim. tekhnol. no. 3:176-177 '87.
- Melikhov, I. A., Melikhov, V. A. - Study of hydrodynamics of columns with plane-parallel packing for rapid mass exchange. Massob. prots. khim. tekhnol. no. 3:183-185 '87.
- Melikhov, I. A., Pashchenko, S. M. - Hydrodynamics of spray plates with repelling elements. Massob. prots. khim. tekhnol. no. 3:180-181 '87.
- Melikhov, I. A. - Comparative characteristics of certain energy methods of evaluating sediment transport along the coast. Trudy Sotuz. Mur. NIIProekt. no. 20:103-104 '88.
- Melikhov, I. U. G. - Dynamics of a spherical floating gyroscope in a Cardan suspension. Mekh. i teor. spruzh. no. 4:128-132 '88.
- Melikhov, V. I., Lashin, V. L. - Study of the hydrodynamics and mass transfer in the Venturi injector absorber. Massob. prots. khim. tekhnol. no. 3:184-185 '87.
- Melikhov, V. I., Lytaev, I. A. - Water holding capability of dispersed systems. Zhur. teor. i prikl. fiz. no. 14:58-67 '87.
- Melikhov, V. I., Lashin, S. I. - Hydrodynamics of direct-flow sieve apparatus with descending current of gas and liquid. Massob. prots. khim. tekhnol. no. 3:183-184 '87.
- Melikhov, V. I. - Study of hydrodynamics of valve control devices. Massob. prots. khim. tekhnol. no. 3:180 '87.
- Melikhov, V. I., Lashin, S. I., Ermakov, O. L. - Solution of a problem in hydrodynamics using analog and digital units. Trudy Arm. Mekh. i teor. spruzh. no. 1:113-116 '88.
- Melikhov, V. I. - Some problems of hydrodynamics of two-phase polydispersed media. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:183-187 My-Je '88.
- Parfenovskiy, S. I. - Apparent mass of an underwater wedge with streamlining and separation of the jet flow. Zhur. teor. i prikl. fiz. no. 1:133-140 '88.
- Parfenovskiy, S. I. - Plane problems on the contact impact during a separation streamlines flow in a canal. Zhur. teor. i prikl. fiz. no. 1:41-50 '88.
- Paylov, B. M. - Calculation of supercritical flow around blunt bodies using the complete Navier-Stokes equations. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:128-133 My-Je '88.
- Pis'men, L. M. - Hydrodynamic mixing in three-dimensional cellular structures. Massob. prots. khim. tekhnol. no. 3:13 '87.
- Roshchinskii, V. B., and others. - Study of hydrodynamics of ion exchange processes in cylindrical apparatus. Massob. prots. khim. tekhnol. no. 3:110 '87.
- Roshchinskii, V. B., Karyov, V. B. - Role of hydrodynamics in the theory of mass transfer. Massob. prots. khim. tekhnol. no. 3:19-13 '87.
- Roshchinskii, V. B. - Resonance-parallel nonstationary flows caused by alternating runoff sources distributed in a confined region. Izv. vuzov, tekhn. ser. i stroit. i arkh. 11 no. 10:53-54 '88.
- Roshchinskii, V. B. - Determining the hydrodynamic characteristics of a working rudder. Zhur. teor. i prikl. fiz. no. 1:131-131 '88.
- Roshchinskii, V. B., Troitsanov, L. L. - Study of hydrodynamics and mass transfer of conical spray plate. Massob. prots. khim. tekhnol. no. 3:183-184 '87.
- Roshchinskii, V. B., Zakharenko, R. A. - Study of hydrodynamics and mass transfer on ring spray plate. Massob. prots. khim. tekhnol. no. 3:183-183 '87.
- Roshchinskii, V. B. - Effect of the density of the acid on the distribution of pores according to size and on the hydrodynamic properties. Zhur. teor. i prikl. fiz. no. 14:135-143 '87.
- Roshchinskii, V. B. - Axial flow of a dilated fluid between nonrotating cylinders. Mekh. i teor. spruzh. no. 4:149-150 '88.
- Taganov, M. L., Krasimov, V. M., Kochanov, S. I. - Study of hydrodynamics of the elements of a cyclone plate. Massob. prots. khim. tekhnol. no. 3:184-185 '87.
- Troitsanov, L. L. - Effect of local roughness on the vibration of a circular cylinder in a flow. Vest. mashinost. 48 no. 13:48-48 D '88.
- Vershchinskii, L. P., and others. - Results of calculation using the method of gas flow characteristics with particles in axisymmetric nozzles and the comparison with results of one-dimensional approximation. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:133-138 My-Je '88.
- Zakharenko, R. A., Pashchenko, S. M., Cherkov, O. B. - Study of hydrodynamics of plate irrigators for small diameter columns. Massob. prots. khim. tekhnol. no. 3:181-183 '87.
- Zakharenko, R. A., and others. - Some problems of hydrodynamics of vapor - liquid system in columns with small packing. Massob. prots. khim. tekhnol. no. 3:184-185 '87.
- Zakharenko, R. A., Lashin, V. A., Melikhov, V. A. - Study of hydrodynamics of columns with highly effective packing. Massob. prots. khim. tekhnol. no. 3:180-181 '87.
- 62.16 Flow through orifices. Boundary layer. Vortices. Cavitation. Mixing
- Belov, G. V. - Dependence of the gasification coefficient of erosion of a front on the speed of filtration, studied by trifluoromethylated water in core samples of earth. Dokl. VSENA no. 133:173-179 '88.
- Bilimova, L. Kh., Radtsig, K. K. - Periodical separation of vortices from the surface of a cylinder and forces produced by the vortices on the supercritical regime of streamlining. Izv. AN SSSR, Mekh. zhid. i gas. no. 3:184-184 My-Je '88.
- Dogonchikov, I. U. A., Lashin, V. G. - Acoustic streaming in a cavitation region. Akust. zhurn. 14 no. 4:584-588 O-D '88.

522.52 (Continued)

- Pléna, V. I., Sidorin, K. O. - Three-dimensional vortex flow in the vicinity of the point of orthogonality of sound surface to the velocity vector. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:111-123 My-Je '88.
- Karpov, V. A. - Turbulent boundary layer on the surface of a blunt cone. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:147-158 My-Je '88.
- Kiselev, O. M. - Vortex under the surface of a heavy liquid. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:46-52 My-Je '88.
- Lashkovskii, V. P., Khokha, I. V. - Some characteristics of the noise spectrum of hydrodynamic cavitation on rods rotating in water. *Akust. zhur.* 14 no. 4:594-597 O-D '88.
- Lavrovskii, I. U. - Effect of diffusion on acoustic radiation of a cavitation cavity. *Akust. zhur.* 14 no. 4:591-595 O-D '88.
- Parov, I. U. A. - Interaction of a falling three-dimensional shock wave with a turbulent boundary layer. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:154-161 My-Je '88.
- Parov, I. U. A., Mironov, A. I. - Methods of calculating the interaction of compressive shocks with the boundary layer. *Gidromekhanika* (teor. i pril.) no. 5:18-18 '87.
- Romashenko, P. M., Kiselev, V. Z. - Effect of drawing off the air from the boundary layer on friction and heat exchange. *Boor. rab. MVTI* no. 18:170-183 '87.
- Serikov, K. I. - Boundary layer on the wall of a tube behind a shock wave moving in a vapor-gas mixture. *Teplota, vyz. temp.* 6 no. 6:1044-1047 N-D '88.
- Vasilev, V. P. - Numerical investigation of a periodical jet flow of viscous incompressible fluid. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:170-178 My-Je '88.
- 522.53 Wave modes. Waves**
- Orlovskii, E. I., Gerasimov, A. G., Shkharobek, F. M. - Method for calculating oscillations of a fluid in an elastic shell of revolution. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:174-186 My-Je '88.
- Krylov, I. M., Strizhkov, S. B., Tsyplakha, V. F. - Spectral method of calculating the length of wave waves in the open sea and in the coastal zone. *Trudy Sotuz. Mor. MIPromst.* no. 30:71-74 '88.
- Kozlovskii, A. I. - Calculating the pressure of waves penetrating into the water area on vertical type protection works. *Trudy Sotuz. Mor. MIPromst.* no. 30:87-88 '88.
- Nabokov, V. I., Kiselevskii, L. A. - Operating conditions of ship engines during storms. *Boor. rab. MVTI* no. 3:73-87 '88.
- Orlov, T. V. - Mathematical wave recorder for studying interrupted waves. *Izv. vyz. uch. zav. i stroit. i arkh.* 11 no. 3:123-128 '88.
- Tikhonov, I. B. - Energy method of investigating sea wave diffraction behind a single breaker. *Trudy Sotuz. Mor. MIPromst.* no. 30:45-50 '88.
- 522.54 Surface phenomena. Capillarity**
- Abrahamson, A. A., Molodtsov, I. B. - Temperature dependence of surface tension. *Koll. zhur.* 30 no. 6:744-746 N-D '88.
- Agarwal, S. K., Gopalakrishna, M. A., Mirzadehagade, A. K. - On a problem of the interaction of formations. *Izv. vyz. uch. zav. i stroit. i arkh.* 11 no. 10:41-43 '88.
- Bakarov, I. P., Yefremov, I. A. - Theory of surface layers. *Vest. Mosk. un. Ser. i Fiz., astron.* 23 no. 6:154-157 N-D '88.
- Golobashin, A. I. A. - Surface tension of solid bodies. *Prirada* no. 12:18-18 '88.
- Kovalchuk, V. P., Kuznetsov, V. A., Kolesnikov, N. P. - Surface tension of liquids - in alloys. *Khim. fiz. khim.* 41 no. 7:1784-1787 JI '88.
- Kulikov, R. A., and others. - Surface properties of polyvinylbenzals. *Koll. zhur.* 30 no. 6:800-803 N-D '88.
- Rodionov, A. I., Vlasov, A. A., Shakhmatov, U. - Determination of the values of contact angles of phases in separate spaces of columns with grid plates. *Moskov. prot. khim. tekhnol.* no. 3:183 '87.
- Vasilevskii, M. M., Dolina, V. V. - Surface of phase contact and sizes of bubbles in bubbling systems. *Moskov. prot. khim. tekhnol.* no. 3:174-178 '87.
- 522.57 Kinetic theory of liquids. Diffusion, etc.**
- Krylov, V. B. - Diffusion boundary layer on the surface of moving drop at the presence of volumetric chemical reaction. *Moskov. prot. khim. tekhnol.* no. 3:12 '87.
- Levich, V. G., Chiradashvili, I. U. A., Markin, V. S. - Two-phase diffusion model of porous media. *Moskov. prot. khim. tekhnol.* no. 3:11 '87.
- Levich, V. G., Kharkina, I. U. L., Pletner, L. M. - Effect of the external diffusion stagnation on the processes in porous catalyst. *Moskov. prot. khim. tekhnol.* no. 3:18-18 '87.
- Levich, V. G., Mironov, V. P. - Kinetic theory of fluidized bed. *Moskov. prot. khim. tekhnol.* no. 3:16 '87.
- Mironov, V. A., Kuznetsov, V. V., Borisenko, V. V. - Study of the separation of mixtures by the method of continuous crystallization. *Moskov. prot. khim. tekhnol.* no. 3:134-138 '87.
- Pletner, L. M., Kucharyk, L. L. - Transverse diffusion and thermal conductivity in a granular layer. *Moskov. prot. khim. tekhnol.* no. 3:14 '87.
- Sharov, V. L. - Experimental investigation of turbulent diffusion in dots of variable cross-section. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:151-157 My-Je '88.
- Sharov, I. U. E., Gol'tsberg, I. L., Borshchinskii, A. K. - The role of the diffusion of impurities medium during the failure of stretched rubbers. *Mekh. polim.* no. 4:708-713 '87.

523 Gas mechanics. Aeromechanics. Rarefied gases

- Abdyshev, Y. S., Ivanov, A. V. - Flow of a rarefied gas near the frontal orbital point of a blunt body at hypersonic velocities. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:24-34 My-Je '88.
- Abrahamson, A. A., Gerasimov, B. K., Sobolevskii, V. V. - Investigating the distribution of methane concentration in longpipes during the operation of mixing machines with the aid of thermal analogy. *Ugol'Ukr.* 13 no. 10:33-35 O '88.
- Al'ter, S. I., and others. - Numerical solution of a system of nonstationary two-dimensional Navier-Stokes equations for a flow and heat exchange of viscous heat conducting compressible gas in closed ring section. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:148-148 My-Je '88.
- Andreev, N. A., Shari, V. P. - Solution of a system of motion equations of selectively radiative gas in a shock layer. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:15-16 My-Je '88.
- Anolik, M. V. - Calculation of thermal integrals associated in a problem of the structure of a shock wave in a monatomic rarefied gas. *Metod. vysh.* no. 3:49-50 '88.
- Anolik, M. V., Burdakov, R. G. - Second iteration of an integral kinetic operator and the shock wave of a monatomic gas. *Metod. vysh.* no. 3:43-48 '88.
- Beladze, B. A. - Apparent mass of a superoxide jet with uncompressible outflow conditions. *Khm. i fiz. zhur.* 6 no. 5:574-578 My '88.
- Barulin, A. A., Kulikovskii, A. G. - Effect of the longitudinal component of electric field on the limiting shock waves in gas. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:133-134 My-Je '88.
- Belik, M. P., Balasov, N. M., Shadrinov, G. S. - Filling of a vessel with compressible gas. *Gidromekhanika* (teor. i pril.) no. 5:21-28 '87.
- Bellinskii, B. A., and others. - Data for studying transitions in gas-liquid systems. *Pril. i traktat. k anal. veshch.* no. 7:123-128 '83.
- Bittur, V. A., Korbatuk, V. I., Madin, S. A. - Certain electrodynamic effects in the case of MHD generator. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:3-5 My-Je '88.
- Bondaruk, G. S. - Pressure field of shock waves with large submergence discharge. *Izv. vyz. uch. zav. i stroit. i arkh.* no. 4:603-607 My '88.
- Bondaruk, G. S., Balasov, N. M. - Diffusion in the case of instability of a strongly inhomogeneous plasma. *Zhur. tekhn. fiz.* 58 no. 6:884-890 Ja '88.
- Hirshov, B. A. - Stability of heated three-layer plates with a lightweight filler in a superoxide flow of gas. *Gidromekhanika* (teor. i pril.) no. 6:67-77 '87.
- Krasov, V. M., Ershova, N. M. - Transducers for measuring the moisture of dispersive materials based on the utilization of the Peltier effect. *Prilozheniya* no. 8:10-12 Ag '88.
- Prilinder, B. I. - Some mathematical aspects of the theory of grain flow. *Dokl. TMSHA* no. 12:75-78 '88.
- Gornostukhin, B. A., Kolesov, D. R. - Methods for expressing the number of moles of real gases by the parameters of state. *Khm. tekhn.* no. 10:43-46 O '88.
- Gornostukhin, B. A., Kiselevskii, L. I. - Excitation of the spectra of gases and their mixtures by means of spectroanalytical generators DO-3 and IG-3. *Zhur. prikl. spekt.* 8 no. 6:724-727 Je '87.
- Gornostukhin, G. L. - To the theory of gas ejector with a high degree of compression and a cylindrical mixing chamber. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:13-14 My-Je '88.
- IUferov, V. S. - Potential drop in the laminar boundary layer on a cold cathode. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:138-139 My-Je '88.
- Klimovskii, B. M., and others. - Coefficients of the diffusion of sodium and potassium vapors in helium and argon. *Teplota, vyz. temp.* 6 no. 6:989-1000 N-D '88.
- Kikvidze, S. R., Fedisov, K. P. - Excitation of electrostatic waves in a solid plasma in the presence of negative volt-ampere characteristics. *Fiz. tverd. tela* 10 no. 4:1147-1151 Ap '88.
- Kolomoichenko, K. G., Balasov, V. V. - Calculation of the coefficients of transfer of rarefied gases by the Monte Carlo method. *Teplota, vyz. temp.* 6 no. 8:1007-1009 N-D '88.
- Kotai, M. M., Abasov, G. M., Taktarov, P. K. - Devices for the analysis of small additions of moisture. *Pril. i traktat. k anal. veshch.* no. 4:43-48 O '87.
- Kovalchuk, R. D. - Perturbations of a superoxide flow caused by discrete or continuously distributed mass and heat sources. *Khm. i fiz. zhur.* 6 no. 5:664-668 My '88.
- Kudachin, V. M. - Fluctuations of the spectral line intensity of copper in a plasma jet. *Zhur. prikl. spekt.* 8 no. 6:818-821 Je '87.
- Mironov, V. P. - Solution of differential equations describing heat and mass transfer for a laminar boundary layer involving a binary jetted gas flow past a plane plate. *Khm. i fiz. zhur.* 6 no. 5:603-606 My '88.
- Masharov, G. I. - Accurate solution of gas dynamics equations. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:113-120 My-Je '88.
- Podilskii, V. I., Ryzhakov, A. M. - Radiative heat exchange in a flat parallel layer of ionizing, absorbing, and diffusing gas at a random background of diffusers. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:158-160 My-Je '88.
- Serikov, K. I. - Boundary layer on the wall of a tube behind a shock wave moving in a vapor-gas mixture. *Teplota, vyz. temp.* 6 no. 6:1044-1047 N-D '88.
- Tyrtalnikov, A. A., Mikhlin, V. V., Frank, I. A. - Calculation of methane content in coal mines. *Ugol'Ukr.* 13 no. 10:38-41 O '88.
- Vlasov, N. V. - Studying turbulence in connection with determining the acoustic characteristics of a jet. *Khm. i fiz. zhur.* 6 no. 5:688-673 My '88.

523.7 Kinetic theory of gases

- Ashturov, E. P., Pletner, L. L. - Additional aerodynamic forces and moments acting upon a solid of revolution twisted in relation to the axis of symmetry in a free molecule flow. *Gidromekhanika* (teor. i pril.) no. 6:17-22 '87.
- 523.8 Plasma physics**
- Apollonov, S. M., Koshkin, I. U. P. - Transverse velocity perturbations in magnetohydrodynamic channel. *Mag. zhur.* no. 3:83-85 Ap-Je '88.
- Asinovsky, E. I., Batatin, V. M. - Calculation of the dielectric conductivity of a partially ionized plasma. *Teplota, vyz. temp.* 6 no. 6:966-973 N-D '88.
- Batatin, V. M., Chisarov, V. F. - Analysis of a plasma of a weak current arc discharge using a light probe. *Teplota, vyz. temp.* 6 no. 6:961-968 N-D '88.
- Berest, I. A., Kuznetsov, P. O., Mordukhai, L. A. - Measuring the temperature of plasmas of pulsed discharges in deuterium according to its self-radiated spectrum lines. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:6-10 My '88.
- Bortnikov, I. U. S., Rubashov, I. B. - Studying the system of electrodynamical equations. *Mag. zhur.* no. 3:22-32 Ap-Je '88.
- Chetov, I. U. L. - Experimental study of the interaction of a moving polarized argon plasma with a transverse magnetic field. *Mag. zhur.* no. 2:3-7 Ap-Je '88.
- Davidenko, I. I., Lomakin, M. S., Podkhal, V. G. - Studying a transverse plasma injection in a toroidal magnetic field. *Zhur. tekhn. fiz.* 58 no. 6:949-974 Je '88.
- Dushkov, G. A., and others. - Comparison of a probe and optical methods of measurement of low-temperature cesium plasma parameters. *Zhur. tekhn. fiz.* 58 no. 1:931-947 Je '88.
- Galaktionov, B. V., and others. - Region of confinement of plasma electrons during electron cyclotron resonance in a mirror trap. *Zhur. tekhn. fiz.* 58 no. 6:1114-1121 Je '88.
- Gorshkov, L. D., Gerasimov, V. A., Podkoshenskii, I. V. - Production of a plasma in a discharge pressed against a wall by a magnetic field. *Teplota, vyz. temp.* 6 no. 6:1110-1113 N-D '88.
- Gordina, P. L., Kuchkov, G. S. - On the calculation of gas ionizing exothermic waves in a magnetic field. *Mag. zhur.* no. 3:13-18 Ap-Je '88.
- Ikoli, I. U. A., Komia, A. V., Ivanova, S. P. - Radiation spectrum of finite-thickness hydrogen plasma. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:3-5 My '88.
- Ivanov, M. I. - Possibility of studying velocity distribution functions of charged particles. *Atmos. energ.* 35 no. 6:837-838 D '88.
- Ivanov, M. V., Nikolaev, G. M. - Direct current plasmas for the heating of argon with an admixture of potassium. *Teplota, vyz. temp.* 6 no. 6:1143-1144 N-D '88.
- Ivanova, L. M. - Study of the composition and distribution of electrons and ions in a plasma jet. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:13-15 My '88.
- Karpashov, I. K. - Poloidal fields and minimums of an average magnetic field in a double stellarator. *Atmos. energ.* 35 no. 6:818-820 D '88.
- Karpashov, I. K. - Possibility of existence of a magnetic hole in a combined field of single and double stellarators. *Atmos. energ.* 35 no. 6:828-830 D '88.
- Kislov, A. I. A., Maronov, A. I., Tikhonov, G. N. - Electrical potential distribution in a coaxial quasineutral plasma injector. *Zhur. tekhn. fiz.* 58 no. 6:975-978 Je '88.
- Kotai, M. M., and others. - Plasma heating by magnetosonic waves. *Atmos. energ.* 35 no. 6:893-896 D '88.
- Litvinov, G. A., Mikhailov, V. M. - Analysis of the area of plasma disturbance near the electrodes. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:16-17 My-Je '88.
- Logunov, A. A., Malalova, O. L., Lomonosov, V. M. - Investigation of a dense low-temperature argon plasma. *Teplota, vyz. temp.* 6 no. 6:1123-1124 N-D '88.
- Moskalev, G. P. - Method of continuous detecting electron concentration in plasma. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:38-41 My '88.
- Poberezhskii, L. P. - Methods of measuring the electric conductivity of a plasma with high resolution with respect to time. *Teplota, vyz. temp.* 6 no. 6:973-980 N-D '88.
- Prokhorovskii, M. G., Shaparev, N. I. A. - Effect of radiation capture on the ionization process of plasma. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:18-20 My '88.
- Prokhorovskii, M. G., Tashchikov, B. A., Shaparev, N. I. A. - Effect of the electron energy distribution function on the shape and intensity of the spectral lines. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:19-20 My '88.
- Rassvetlov, M. A., Sholin, G. V., Pavlovskii, A. K. - Spectroscopic study of a helium plasma produced in a β -pinch. *Zhur. prikl. spekt.* 8 no. 1:43-16 JI '88.
- Selazova, L. V. - Ionized gas flowing around a cylinder with oscillating surface. *Mag. zhur.* no. 3:19-23 Ap-Je '88.
- Semenov, V. K., Terepugova, N. S. - Diagnostics of strongly inhomogeneous sources of low-temperature plasmas according to asymmetrical spectral lines. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:20-23 My '88.
- Shin, V. P. - Drift instability of a plasma with charged impurities. *Zhur. tekhn. fiz.* 58 no. 6:848-854 Je '88.
- Terepugova, N. S. - Statistical processing of a spectral line source and possibilities of diagnosing plasmas. *Izv. AN SSSR, Mekh. zhid. i gasa* no. 3:20-23 My '88.
- Vasil'ev, V. I., Komolov, V. S., Terepugova, N. S. - Structure of plasmas of a coaxial injector. *Zhur. tekhn. fiz.* 58 no. 6:941-944 Je '88.
- Volkov, M. D., and others. - Vacuum system for the "Strizh" stellarator. *Zhur. tekhn. fiz.* 58 no. 6:978-985 Je '88.

134.22 Velocity of sound

- ### PLS Accepted manuscript

- 1940

- Toporova, A.S. - Methodology of reflecting light therm. Opt. - machin. proc., 35 no. 8:88-94 84 74.
- Trubchenko, S.T., Danilov, R.D. - Effect of the air track on the accuracy of devices containing a laser. Izv. vuz. optich. zav. priib., II no. 2:294-298 84 74.
- Yashkov, V.I., Glushko, R.M. - Distribution of ultra violet rays of air ionosirated by intercapitons and their spores. Trudy TSMU no. 12, pt. 1:70-81 74.
- Voloshvilo, M.A., Nilova, L.D. - Manufacture of ultra ("soba") from objects with a rough surface and light dispersion. Zhur. priib. speki., no. 1:177-181 74 74.
- Kalinov, N.P. - Manufacture of convex and concave equatorial spherical bolts (tori), concave spherical surfaces, large hemisphericals and convex (internal) spheroids. Izv. vuz. optich. zav. i geod. izmer. st 11:9-12 74.
- Xromov, A.I. - Measuring the quickly changing longitudinal relaxation time by the spin echo method. Zhur. fis. khim., 42 no. 7:1850-1851 74 74.
- Zaslav, L.A., Kuznetsov, M.L., Kaliche, A.M. - Ets of pseudocyclic groups on the structure of preformed material based on glassy composites $\text{CaO} - \text{MgO} - \text{B}_2\text{O}_3 - (\text{Na}_2\text{O}, \text{Al}_2\text{O}_3) + \text{P}_2\text{O}_5$. Izv. AN SSSR, Khim. i tekhn. 1:12047-304 74 74.

201.1 Theory of Light

- PHIL 14: Quantum Theory of Light, Photons

- EELS Light incident, energy. Photometry

- 1204

325.2 (Continued)

- Mal'tsukh, V.F., and others. - Photoconductivity and radiation-induced recombination in GaAs. *Izv. AN SSSR. Neorg. khim.* 4 no. 11:2038-2043 N '83.
- Talut, G.G., Ushovitch, A.M. - Studying the surface photoconductivity in silicon. *Fiz. i tekhn. potuprov.* 3 no. 1:48-52 N '83.
- Vayns, J., Kerna, K. - Study of polycrystalline compounds. *All BVI. Report No. 3. Trudy TPI, Ser. A* no. 254:78-81 '87.
- Zotov, V.V., Serdyuk, V.V. - Trap mechanism of low-thermal decay of the photocurrent in CdS single crystals. *Fiz. tver. tela* 10 no. 12:2695-2697 D '88.

325.3 Transitions. Absorption. Emission

- Bushik, A.L., Makrabenich, I.G. - Studying the dynamics of spectral line emission of ions of the alkoxide material in electrodeless discharge in the case of an impulsive electric discharge. *Zhur. prikl. spekt.* 9 no. 1:12-13 N '88.
- Nevskii, A.S., Dzhokova, L.V. - Effect of macroinhomogeneities on the spectra of surface radiation. *Teplota, vs. temp.* 6 no. 1:133-139 N-D '88.
- Shchukov, I.U. - Use of a new method of determining the local characteristics of radiation in solving some basic problems in the theory of radiative heat transfer. *Teplota, vs. temp.* 6 no. 1:1077-1083 N-D '88.

326.23 Spectra in general

- Akhmedzhanov, I.P., and others. - Oscillations in the photoconductivity and absorption spectra due to A-oscillations in silicon. *Fiz. tver. tela* 10 no. 12:3077-3078 D '88.
- Artemov, V.V. - Statistical probability method of interpreting spectroscopic measurements. *Zhur. prikl. spekt.* 9 no. 1:13-18 N '88.
- Berakia, I.A., Korpushev, A.L. - Emission of sulfur and chlorine spark spectra in the atmosphere of various gases. *Zhur. prikl. spekt.* 9 no. 1:14-17 N '88.
- Borisev, K.V., Khodakov, L.M., Ishankin, V.G. - Syntheses and systems (analysis). Part 4: Effect of substituents on infrared and ultraviolet spectra and dipole moments of syntheses. *Zhur. org. khim.* 4 no. 11:2044-2048 N '88.
- Fala, V.A. - Some qualitative regularities in electronic spectra of anthraquinone derivatives. *Reakts. spos. org. soed.* 5 no. 3:736-740 O '88.
- Fandeev, Y.A., Klinkova, I.L. - Ultraviolet X-ray spectra of Mg and MgO. *Fiz. tver. tela* 10 no. 12:3753-3758 D '88.
- Oleynov, K.K., Sibov, V.S. - Symmetry of impurity lines ClO₄ in alkali halide crystals at various temperatures. *Fiz. tver. tela* 10 no. 12:3623-3628 D '88.
- Kovaleva, V.I., Mikhalev, L.I. - Study of infrared spectra of block-polyester-crystallites. Part 2: Poly-1,4-bis(4-hydroxyphenyl)phenyleneoxide. *Zhur. prikl. spekt.* 9 no. 1:89-102 N '88.
- Kovalev, I.P., Mokryi, D.M. - Studying the composition of the chlorination products of isobutylene by means of infrared spectroscopy. *Vysok. i tekhn. potuprov.* 3 no. 1:107-111 '88.
- Krylov, I.U., Shchukov, I.U., Teplovskiy, V.F. - Spectral method of calculating the length of wind waves in the open sea and in the coastal zone. *Trudy BNTs, MCh, NIIPRO, no. 20:77-84 '88.*
- Pavlenko, V.M., Omalovskiy, S.G. - Dynamics of changes in the spectral coefficients of plant leaves under radiation. *Zhur. prikl. spekt.* 9 no. 1:182-185 N '88.
- Raznikov, A.B., Shchukov, L.M. - Vibrational spectra and conformational equilibrium of trans-1,3-dimethoxy-2-cyclohexanone. *Zhur. prikl. spekt.* 9 no. 1:113-116 N '88.
- Tilov, K.V., and others. - NMR spectra and acid-base properties of some carbonyl acid hydrazides. *Reakts. spos. org. soed.* 5 no. 3:672-682 O '88.
- Urzhits, L.A. - Spectrophotometric study of acid centers and their connection with the catalytic activity of clays. *Book. AN Gruz. SSR* 80 no. 3:273-278 My '88.

326.24 Absorption. Absorption spectra

- Akshirov, I.U., Dillman, V.V. - Mechanism and mathematical description of the absorption process of carbon dioxide by aqueous solution of methanamine in packed scrubbers. *Massoch. prots. khim. tekhnol.* no. 3:123-124 '87.
- Bachinskaya, G.M., Ushakov, I.P., Shchukov, V.M. - Separation of gases of thermal oxidizing pyrolysis of methane by the method of low temperature absorption with methanol. *Massoch. prots. khim. tekhnol.* no. 3:125-126 '87.
- Kashirskiy, V.D. - Some laws governing the thermal radiation of tungsten. *Teplota, vs. temp.* 6 no. 1:134-135 N-D '88.
- Piskal'skaya, A.Y., Yartseva, N.A., Karsina, L.S. - Absorption spectra and reactivity of some aromatic compounds. Part IV: Hydrogenation of substituted derivatives of benzaldehyde. *Reakts. spos. org. soed.* 5 no. 3:760-763 O '88.
- Karapetian, V.K., Morozov, A.M. - Optical characteristics of pure and activated by neodymium bis(methanesulfonate) crystals. *Izv. AN SSSR. Neorg. khim.* 4 no. 11:2030-2041 N '88.
- Lavsh, I.P., Mikhalev, L.I., Morozova, K.M. - Hydrolytic resistance and absorption of CO₂ in bubbling through a layer of liquid with packing. *Massoch. prots. khim. tekhnol.* no. 3:173-178 '87.
- Lavshin, I.V., Mikhalev, L.I., Mikhalev, N. - Characteristics of the association of molecules of rhodamine dyes in complex solutions. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:68-71 N-D '88.

- Mirina, D.M. - Absorption spectrum of vanadium dioxide below the semiconductor-metal transition point. *Fiz. tver. tela* 10 no. 12:3687-3690 D '88.
- Meinert, B.K., Voronin, L.K. - Thermal conductivity, specific electric resistance, and integral degree of blockages of refractory metals at high temperatures. *Teplota, vs. temp.* 6 no. 1:1644-1656 N-D '88.
- Perlin, A.A., Stal'makh, V.F., Tikhov, V.D. - Infrared absorption in GaAs containing structural dislocations. *Zhur. prikl. spekt.* 9 no. 1:104-107 N '88.
- Podolskiy, I.V., and others. - Ultraviolet absorption of thin layers of quartz heated to the boiling point. *Zhur. prikl. spekt.* 9 no. 1:88-93 N '88.
- Ponomarev, I.A., Pavlov, A.A. - Effect of temperature and salts on the ultraviolet absorption spectra of acetic and methylacetic acids. *Zhur. prikl. spekt.* 9 no. 1:85-88 N '88.
- Rodionov, A.L., Vlasov, A.A., Petrovskiy, M.B. - Calculation of the absorption process of CO₂ by alkali solutions in column with grid plates. *Massoch. prots. khim. tekhnol.* no. 3:129-130 '87.
- Zinov, G.A., Shchukov, V.V. - Effect of oxidation on the emission of molybdenum disulfide coatings. *Teplota, vs. temp.* 6 no. 1:140-143 N-D '88.

326.27 Luminescence. Fluorescence. Phosphorescence

- Avotinskaya, M.G., and others. - Manufacture and characteristics of low-voltage lithium electroluminescent condensers. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:130-144 '88.
- Batkin, I.G., Alifimov, M.B., Shchuk, I.U. - Solvent sensitized phosphorescence. Part 2: Diffusion-controlled energy transfer to the admixture. *Khim. vys. energ.* 3 no. 1:48-53 N-D '88.
- Bliz, M.U., Kozlovskiy, I.A. - Effect of temperature on spectral characteristics of halide solutions of Cd²⁺ and Ga³⁺. *Vysok. i tekhn. potuprov.* 3 no. 1:123-125 '88.
- Bozhikova, T.P., and others. - Flexible electroluminescent lamps. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:145-150 '88.
- Gerasimova, T.M., Lammichev, I.A. - Electroluminescent image converters and effect of the characteristics of a photoconductive layer on their parameters. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:85-93 '88.
- Glasman, A.K., and others. - Luminescence of KCl crystals containing quasi-colloidal potassium centers. *Fiz. tver. tela* 10 no. 12:3760-3768 D '88.
- Il'inskiy, L.I., Zyma, V.L., Daidyab, O.M. - Penetration of impurities into electroluminescent crystals and the transmission of excitation energy between anthracene and anthracene molecules. *Vysok. i tekhn. potuprov.* 3 no. 1:14-17 '88.
- Karpelina, V.K., Morozov, A.M. - Optical characteristics of pure and activated by neodymium bis(methanesulfonate) crystals. *Izv. AN SSSR. Neorg. khim.* 4 no. 11:2038-2041 N '88.
- Lammichev, I.A., Piskunov, A.V. - Some methods for evaluating the effect of nonlinearity of control elements on the parameters of electroluminescent devices. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:84-88 '88.
- Lozer, A.P., Zaslavskiy, E.I. - Study of energy migration in electroluminescent lamps. *Zhur. prikl. spekt.* 9 no. 1:144-151 N '88.
- Mamodov, Kh.I., Mikhalev, L.I. - Crystals for luminescence resonant at intermediate temperatures (MPC) between liquid nitrogen and hydrogen. *Zhur. prikl. spekt.* 9 no. 1:84-88 N '88.
- Orlov, L.M. - Electroluminescent pixels with nonlinear resistance. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:115-118 '88.
- Orlov, L.M., Tolstok, M.I., Yok, M.F. - Analysis of transfer characteristics of a bistable electroluminescent image converter. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:35-38 '88.
- Orlov, L.M., Tolstok, M.I., Yok, M.F. - Calculation of the parameters of a two-electrode electroluminescent image converter for a nonlinear voltage characteristic of a photoconductor. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:44-58 '88.
- Orlov, L.M., Tolstok, M.I., Yok, M.F. - Effect of the capacitance of a photoconductor and of active loadages in an electroluminescent layer on the parameters of an image converter. *Khim. sta.* 40 no. 1:27-43 N '88.
- Orlov, L.M., Tolstok, M.I., Yok, M.F. - Effect of the capacitance of a photoconductor and of active loadages in an electroluminescent layer on the parameters of an image converter. *Trudy Sem. "Fiz. i tekhnol. vop. khim."* no. 1:27-43 '88.
- Piskin, M.I.A., Baloda, I.U.M., Tamasova, L.M. - Luminescence of yttrium oxychloride activated by Ce, Pr, Nd, Sm, Eu. Part I. *Zhur. prikl. spekt.* 9 no. 1:135-137 N '88.
- Piskin, L.G., Radik, K.I., Kostko, M.I.A. - Temperature dependence of the polarization of the fluorescence of complex molecules. *Zhur. prikl. spekt.* 9 no. 1:133-136 N '88.
- Serbota-Malyuk, P.O., Shchukov, V.M. - Luminescence spectra of indium-activated alkali halide crystal phosphors. *Vysok. i tekhn. potuprov.* 3 no. 1:13-14 '88.
- Shchukov, I.U. - Relaxation of surface electroluminescence of SiC single crystals. *Vysok. i tekhn. potuprov.* 3 no. 1:13-14 '88.
- Vorobey, G.A., Mikhalev, L.I. - Luminescence of rock salt in superhigh electric fields. *Fiz. tver. tela* 10 no. 12:3691-3693 D '88.
- Zyma, V.L., Daidyab, O.M. - Effect of oxygen on the luminescence of anthracene crystals. *Vysok. i tekhn. potuprov.* 3 no. 1:13-14 '88.

326.278 Scattering. Raman effect

- Bobovich, I.A., Borshchik, A.V. - Induced Raman scattering in condensed liquids. *Zhur. prikl. spekt.* 9 no. 1:133-144 N '88.

- Peterkop, R.K. - Optical theorem for a-dimensional space. *Akron. stik.* no. 2:139-146 '88.
- Popova, N.A., Stetskov, A.L. - Characteristics of the structure of the H₂PO₄. *Fiz. tver. tela* 10 no. 12:3708-3710 D '88.
- Starik, Kh.M., Kiselev, I.A. - Obtaining spectra of the Raman effect of liquid and solid materials by means of a laser. *Zhur. prikl. spekt.* 9 no. 1:90-93 N '88.

326.4 Interference. Diffraction, etc.

- Offis, M.D., Khimich, A.S. - Diffraction effects in ultrasonic measurements (Review). *Akust. zhur.* 14 no. 4:488-513 O-D '88.
- Nikol'skiy, A.S., Kravtsov, V.V., Spasnikov, A.G. - Integral equations of the first kind in problems of wave scattering in hollow guide systems. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:10-36 N-D '88.
- Kondratyev, I.U., Klockova, O.A., Pareschagin, A.I.A. - Two-wave high-precision interferometer. *Opt. i mekh. prom.* 35 no. 8:14-18 N '88.
- Vorobey, G.A., Kozlov, L.L. - Use of an X-ray diffractometer in studying the distribution of grains by size. *Zav. lab.* 33 no. 7:828-833 '88.

326.6 Polarization, double refraction, etc.

- Bereina, A.B. - Unit for measuring the polarization degree of luminescent radiation of an impulsive discharge. *Zhur. prikl. spekt.* 9 no. 1:837-839 N '88.
- Davydov, A.B., Pomortsev, R.V. - Double refraction and dichroism of superhigh frequency waves by hot electrons in n-Ga and n-M. *Fiz. tver. tela* 10 no. 12:3688-3693 D '88.
- Ded'ya, B.M., Baginskiy, V.I. - Effect of shallow capture levels on the kinetics of photopolarization currents in alkali sulfide single crystals. *Fiz. i tekhn. potuprov.* 3 no. 1:127-130 N '88.
- Kondratyev, A.V. - Modification of linearly polarized light along the plane of polarization and its use in distance measurement. *Izv. vuz. vobsh. sav. i geod. i aerof.* no. 1:9-12 '88.
- Saiter-Kade, L.A., Arakias, L.G. - Change in optical activity of alpha-pinene solutions in aromatic hydrocarbons at various temperatures. *Izv. vuz. vobsh. sav. i khim. i tekhn.* 11 no. 1:1203-1205 '88.

326 Heat. Thermodynamics

- Abdulla, R.I., Mikhalev, L.S. - Gas desorption of refractories on the basis of silicon dioxide. *Trudy AN LK. SSR, Ser. B* no. 3:141-146 '88.
- Alekandrov, V.T. - Determining the angular coefficients of radiation for a system of two coaxial cylindrical bodies. *Isk. i iz. shch.* 8 no. 8:880-813 My '88.
- Amirchyan, Kh.I., and others. - Heat capacity of n-hexane in the homogeneous phase. *Priz. ul'raakust. i izl. veshch.* no. 1:108-114 N '88.
- Artedev, B.A., Varvatskiy, L.I., Shchukov, V.M. - Solution of a nonlinear problem in nonstationary thermal conductivity in solids with random form. *Teplota, vs. temp.* 6 no. 1:108-111 N '88.
- Arkhangel'skiy, K.V. - Dielectric parameters and thermodynamic stability of binary liquid systems in the critical range. *Priz. ul'raakust. i izl. veshch.* no. 1:171-177 '88.
- Azizov, I.G., Larkin, A.I. - Effect of fluctuations on the semiconductor properties above the critical value. *Fiz. tver. tela* 10 no. 12:3704-3711 D '88.
- Avgil, M.M., and others. - Isotherms and differential heats of adsorption of methylcyclohexane and porthocromethylcyclohexane on graphite-like black and crystals of NaX scintillators. *Zhur. prikl. spekt.* 9 no. 1:1747-1753 N '88.
- Baev, A.K. - Solubility of manganese carbonyl and manganese cyclopentadienylcarbonyl in nickel carbonyl. *Zhur. prikl. spekt.* 9 no. 1:830-833 O '88.
- Bakhtin, V.I., Chislova, L.N., Kravtsov, L.V. - Effect of temperature, form of ion and anion on ion-exchange equilibrium in zeolite. *Vest. AN SSSR, Ser. khim. sav.* no. 4:27-34 '88.
- Bessonov, A.P., Ust'yanov, V.M. - X-ray thermogravimetric salt. *Zav. lab.* 33 no. 8:1188-1194 '88.
- Burov, I.A., Svetosova, G.I. - Determining the mixing coefficient in a fielded-bed reactor. *Isk. i iz. shch.* 8 no. 8:837-842 My '88.
- Chibrikova, T.S. - Calculating thermal stresses during the crystallization process. *Mekh. tver. tela* no. 3: 83-73 My-Je '88.
- Kryukov, M.M. - Measurement of temperature using tungsten-rhenium and tungsten-molybdenum thermocouples and methods for calibrating them. *Isk. i iz. shch.* 8 no. 8:84-87 O '88.
- Kryukov, M.M., Mikhalev, L.I., Mikhalev, L.I.A. - Rate of thermal decomposition of doped alkali formate. *Vest. AN SSSR, Ser. khim. sav.* no. 4:23-28 '88.
- Fedorovskiy, N. - Use of the pulse method in studying the temperature dependence of the absorption coefficient of n-decane in the liquid-crystal transition period. *Priz. ul'raakust. i izl. veshch.* no. 2:67-73 '88.
- Fedorova, V.O., and others. - Study of thermal stability of dibenzol solid paraffins. *Vysok. i tekhn. potuprov.* 3 no. 1:1013-1018 '88.
- Fraiman, I.U., Serikov, O.A. - Effect of axial heat fluxes on the temperature field of a hollow cylinder. *Isk. i iz. shch.* 8 no. 8:867-870 My '88.
- Gladyshev, K.A., Mikhalev, L.I., Khochinskaya, A.A. - Luminescent boundary layer on a wedge-shaped surface under conditions of exponential distribution of velocities on the external boundary of the layer. *Trudy AN LK. SSR, Ser. B* no. 3:181-186 '88.
- Orlov, A.M. - Linearization of the thermal expansion equation and stability of its solutions with boundary conditions of the third kind. *Isk. i iz. shch.* 8 no. 8: 818-825 My '88.

- Arayala, R. G., Timchenko, L. I. - Reflection of nickel in the ultraviolet at temperatures above and below the Curie point. *Fiz. tver. tela* 10 no. 4:1227-1229 Ap '68.
- Kalishchik, G. I., Gel'd, P. V., Putiatsev, I. V. - High-temperature changes in the enthalpy of higher vanadium, cobalt, and nickel allulides. *Toplofiz. vyz. temp.* 6 no. 6:1003-1008 N-D '68.
- Karpov, I. U., Yarsov, V. S. - Algorithm for the study of a thin-wall heat exchanger using computers. *Trudy I.VI no. 29:57-65 '68.*
- Kalash, D. L., Mal'tsev, A. A. - Automatic analysis of electron-vibrational spectra of diatomic molecules by means of electronic computers. Part 1. Calculation of the wavelength and wave numbers. *Zhbr. prikl. spekt.* 6 no. 6:777-782 Ja '67.
- Kavitski, O. L. - Interfacing of solid phase in a fluidized bed on sieve plate. *Mosk. prota. khim. tekhnol.* no. 2:184 '67.
- Khar'chenko, M. G. - Methods for obtaining a signal proportional to absolute temperature using thermocouples. *Izv. tekhn.* no. 10:27-29 O '68.
- Khopa, G. M. - Calorimetric acids for measuring high temperatures. *Energ. i elek.* no. 6:17-18 M-D '68.
- Kolesov, V. P., and others. - Standard enthalpy of the formation of 1,1-difluoroethane. *Zhbr. fiz. khim.* 42 no. 1:147-149 Ji '68.
- Kolobov, I. U., Kurashin, L. M., Lamber, R. E. - Stability of a cylindrical shell under the simultaneous effect of axial compression, internal pressure, and heating. *Mekh. tver. tela* no. 4:104-105 Ji-Ag '68.
- Konstantinov, M. O. - Heat capacity of water-free CrCl_3 below 4°K. *Pis'm. v rad. Zhur. eksp. i teor. fiz.* 6 no. 5:231-234 S '68.
- Kordoba, L. A., Kuznetsov, L. V., Kozlov, I. D. - Asymptotic R and R-C-networks as an electrical analog for solving a nonlinear equation for nonsteady-state thermal conductivity. *Izv. fiz. shk.* no. 3:657-674 My '68.
- Krestov, G. A. - Thermodynamic characteristics of structural changes in certain anisotropic solids in solution of monatomic ions. *Zhbr. stroit. khim.* 3 no. 5:54-52 S-O '68.
- Krestov, G. A. - Thermodynamic characteristics of structural changes of water combined with hydration of polymeric and complex ions. *Zhbr. stroit. khim.* 3 no. 4:493-510 '68.
- Kuznetsov, M. D., Kuznetsov, K. R. - Determination of dimensions of absorption apparatus based on the data of experimental studies. *Mosk. prota. khim. tekhnol.* no. 2:154-157 '67.
- Kuznetsov, R. S. - Enthalpy and the rate of effluence of a liquid in a heated pipe. *Izv. fiz. shk.* 6 no. 6:823-824 My '68.
- Lavrova, E. M., Karishin, M. I., Karivan, V. P. - Study of the effect of thermal treatment of filler on structure formation and mechanical properties of polyethylene. *Uch. zap. RPI* 27 no. 10:44-147 '67.
- Lebedev, M. D., Radtsig, V. L., Kuznetsov, I. M. - Basis of the combustion and formation of nitrocellulose, nitrocellulose acid ester, trinitroacetamide, trinitroethanol, trinitroethyl acetate. *Zhbr. fiz. khim.* 43 no. 7:1027-1030 Ji '68.
- Lesia, I. U. - Dynamics of the sorption in a fluidized fixed-bed allowing for heat release. *Zhbr. fiz. khim.* 42 no. 7:1763-1767 Ji '68.
- Milakov, V. A., Piskunov, A. I. - Use of the EPP-49 potentiometer for measuring absolute and differential temperatures. *Priborostroyeniye* no. 8:25 Ag '68.
- Merrill, A. S., D'Chikova, L. V. - Effect of macroroughness on the nature of surface radiation. *Toplofiz. vyz. temp.* 6 no. 6:1033-1038 M-D '68.
- Milman, H., Shkolovskii, S. I. - Nonlinear thermal conductivity of dielectrics in conditions of viscous flow of plasma gas. *Fiz. tver. tela* 10 no. 12:2002-2007 D '68.
- Osipova, K. M., Saldaurova, Z. L., Roda, M. I. A. - Thermogravimetric and thermogravimetric study of peracetic acid salt of 12-boroglycolic acid. *Uch. khim. shk.* 12 no. 4:13-6 '68.
- Parkov, I. M., Lavrent'eva, M. M. - True heat capacity at low temperatures, absolute entropy and enthalpy in standard conditions of H_2SO_4 . *Zhbr. fiz. khim.* 42 no. 7:1040-1044 Ji '68.
- Perfuchenko, M. M., and others. - Study of the thermal decomposition of silver azide. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:100-105 '68.
- Peresvetov, D. A. - A two-dimensional problem of steady-state thermal conductivity. *Izv. fiz. shk.* 6 no. 6:823-825 My '68.
- Petrovskii, V. S. - Unsteady heating in de-icing a solid aerodynamic propeller blade. *Izv. fiz. shk.* 6 no. 6:821-826 My '68.
- Pit'man, L. M., Khobanov, S. I. - Transverse diffusion and thermal conductivity in a granular layer. *Mosk. prota. khim. tekhnol.* no. 2:184 '67.
- Prokhorov, V. A. - Surface and volume processes in reactions of solid substances. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:104-105 '68.
- Rastorguev, I. U., Mermers, V. G. - System for studying thermal conductivity of liquid high-temperature heat carriers. *Toploenergetika* 15 no. 13:75-81 D '68.
- Ratner, A. V., Gilemshov, M. Y. - Operational check of non-stationary temperature stresses in the elements of electric power systems. *Elek. sta.* 44 no. 10:15-16 Ja '68.
- Nivka, S. L., Levina, I. A., Iuravskii, L. R. - Experimental study of the viscosity of water vapor at temperatures up to 450°C and pressures up to 150 bar. *Toploenergetika* 15 no. 13:74-78 D '68.
- Razuvayev, P. G., Rastvorovskii, M. B., Gel'diker, A. D. - Study of the structure of layer and the motion of particles in apparatus with a granular layer. *Mosk. prota. khim. tekhnol.* no. 2:184-185 '67.
- Rozentok, I. U., Gikova, A. M. - Criterion of isotherms for intermolecular heat and mass transfer processes. *Izv. fiz. shk.* 6 no. 6:823-826 My '68.
- Rytkin, S. M., Sal'manov, V. M., Iaroshchinskii, I. D. - Thermal radiation of silicon induced by a laser beam. *Fiz. tver. tela* 10 no. 4:1023-1024 Ap '68.
- Sandolovich, I. U. A. - Thermal stresses in an elongated piece of rectangular cross section. *Izv. fiz. shk.* 6 no. 6:827-831 My '68.
- Soldatov, V. S., Sukhorov, M. M. - Evaluation of errors appearing in the experimental measurements and calculations of thermodynamic values in ion-exchange systems. Part 1: *Zhbr. fiz. khim.* 42 no. 7:1768-1781 Ji '68.
- Soldatov, V. S., Sukhorov, M. M. - Evaluation of errors appearing in the experimental measurements and calculations of thermodynamic values in ion-exchange systems. Part 2: *Zhbr. fiz. khim.* 42 no. 7:1782-1804 Ji '68.
- Strizhev, V. A., Piskunov, A. I., Radtsig, S. P. - Study of heat and mass transfer from spherical form bodies to gas flow. *Mosk. prota. khim. tekhnol.* no. 2:18-26 '67.
- Tokmashov, V. I. - Relation between a heat flux and the sound pressure of noise of a boiling liquid. *Izv. fiz. shk.* 6 no. 6:826-831 My '68.
- Tukhbatov, S. and others. - Polytherms of the quaternary re-procal system consisting of potassium and magnesium chlorides and sulfates. *Uch. khim. shk.* 12 no. 4:16-19 '68.
- Kagarkov, V. A. - Investigating processes of moist air drying with the help of air coolers. *Sukstr. i mor. soor.* no. 3:118-124 '68.
- Zhorov, G. A., Sivkova, E. V. - Effect of oxidation on the resistance of polymeric materials coatings. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- 536.34 Heat transfer, exchange**
- Amel'tsin, V. A. - Spray mass exchange column with vertical vapor (gas) distributing lattices. *Mosk. prota. khim. tekhnol.* no. 2:181-183 '67.
- Anashin, I. M., Korot', R. V. - Problems of the use of blowing radiator blades in rotational mass exchange equipment. *Mosk. prota. khim. tekhnol.* no. 2:181-183 '67.
- Batkov, M. M., Vladimirov, S. A. - Calculating non-stationary temperature fields in an n-layer cylindrical wall with boundary conditions of the third order. *Gidromekhanika i tepr. sprag.* no. 6:80-83 '67.
- Belik, M. P., Balaev, M. M., Shandorov, G. S. - Filling of a vessel with compressible gas. *Gidromekhanika i tepr. sprag.* no. 6:81-84 '67.
- Bodrovskiy, L. B. - Solution of heat conductivity problem in semi-infinite cylinder with heat exchange on side surface. *Izv. vuz. mash. str. i stroit. i arkh.* 11 no. 2:115-120 '68.
- Bogdanov, E. V., and others. - Dependence of the transmission factor Σ on the character of reaction center. *OEI*
- Rashka, spets. org. mod. 6 no. 3:783-823 O '68.
- Bezlik, V. M., Artyukov, G. A., Baidak, V. M. - Investigating the heat transfer from a rotating shelled disk. *Sukstr. i mor. soor.* no. 3:118-124 '68.
- Bezlik, V. M., Artyukov, G. A. - Investigating heat exchange during surface boiling and induced movement of separator. *Sukstr. i mor. soor.* no. 3:118-124 '68.
- Krasova, M. A., Kaldanov, V. I. - Studying the thermal conductivity coefficient of the telluride. *Fiz. i tekhn. potaprov.* 3 no. 1:24-26 Ja '68.
- Petrov, V. I., Kuznetsov, R. I. - Measurement of electrical conductivity and thermal conductivity of liquid benzene oxalogenides. *Fiz. i tekhn. potaprov.* 3 no. 1:24-26 Ja '68.
- Petrov, V. I., Kuznetsov, R. I. - Thermal conductivity of antimony selenide. *Fiz. i tekhn. potaprov.* 3 no. 1:120-124 Ja '68.
- Radtsig, I. M., Zozulia, S. A. - Heat exchange during different directions of free and forced convection in vertical plates. *Energ. i elek.* no. 6:124-128 M-D '68.
- Ritkov, V. M., and others. - Solution of problem on mass transfer in drying in a fluidized bed. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Gloves, A. M. - Comparative study of the heat transfer of some substances in porous ceramic model system. *Spor. i tepr. sprag. fiz.* no. 14:48-54 '67.
- Gorodetskiy, K. V., Olevskiy, V. M., Radtsig, V. R. - Study of hydrodynamic and mass exchange in columns with plate-parallel packing. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Iyrtov, E. K. - Thermal conductivity of frost on air-coolers. *Khol. tekhn.* 48 no. 11:23-24 M '68.
- Iusufova, V. D., Kaidalov, F. L., Kaidalov, M. R. - Studying convective heat transfer of highly mineralized water. *Za tekhn. prod.* 6 no. 12:18-20 D '68.
- Iyrtov, M. R. - One-dimensional current of orderly exchanging mass with confined surface. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Kaganev, M. A., Shkolovskii, M. G. - Evaluation of the accuracy of the methods determination of the thermal balance components of the underlying surface. *Spor. i tepr. sprag. fiz.* no. 14:77-83 '67.
- Kaidalov, A. V. - Heat transfer ratio during the heating of liquid pig iron in a counterflow. *Trudy Inst. met.* no. 16:23-27 '67.
- Kaidalov, A. V. - Height of the preheated zone of a charge in electric furnaces. *Trudy Inst. met.* no. 16:15-21 '67.
- Kozlovskiy, M. V., Pashchenko, V. K., Chernobyl'skiy, I. I. - Study of hydroscopic properties and mass exchange characteristics of some materials. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Kholkov, S. P. - Constructional special features and hydrodynamic of new rapid mass exchange column with central emulsifiers. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Kil'makov, V. V., Akopov, I. A., Piskunov, A. I. - Driving force of mass exchange process in a fluidized bed. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Kolomichonko, M. G., Ballov, V. F. - Calculation of the efficiency of broader of rarefied gases by the Carlo method. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Koma'rov, I. A. - Heat transfer accompanied by condensation of vapor emanating from a gas-vapor mixture. *Izv. fiz. shk.* 6 no. 6:827-831 My '68.
- Korot', R. V., Derkovits, I. A., Deligolov, S. I. - Study of mass exchange in the sorption of peracetic acid oxalogenides. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Korot', R. V., Derkovits, I. A. - Studying the effect of the flow rate on mass transfer factor in the sorption of itaconic acid in a fixed and fluidized bed of mass exchangers. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Korot', R. V., Oshpov, I. A. - Calculation of mass exchange equipment with stationary layer of solid and the synthesis solid-liquid (gas). *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Kramonovskiy, V. P., Kozlovskiy, A. A. - Study of kinetics of mass transfer during mass exchange in a column exchanger. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Krestovnikov, A. M., Okhina, A. A., Aliev, A. A. - Investigating the thermal conductivity of peracetic acid oxalogenides. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Kreshchinskii, R. K. - Parameters concerning the thermal conductivity and phase conductivity, and mass exchange during the latter. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Lebedev, V. I., Radtsig, S. P., Korot', R. V. - Method of investigating heat transfer from the wall of a tube to the gas at high wall temperatures. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Loksha, V. A., Korot', R. V. - Experimental study of a heat exchanger with oblique channel heat exchanger in transverse air flow. *Toploenergetika* 15 no. 12:75-81 D '68.
- Lysitskiy, V. M., Varkhol, A. P. - Analytical study of the mass transfer process in countercurrent extraction apparatus KHA-M. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Makarov, M. A., Makarov, V. A. - Study of hydrodynamics of columns with plate-parallel packing for rapid mass exchange. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Moskvin, D. I., Piskunov, A. I., Iyrtov, M. R. - Calculation of mass exchange on horizontal plates. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Mitayev, A. M., Iyrtov, A. T., Radtsig, S. P. - The exchange problem in internal countercurrent flow. *Uch. zap. RPI* 27:1041-1045 '68.
- Molchanov, I. M., Markov, A. P. - Using heat balance equation for determining the yield of internal heat exchanger in a shaft by cyclic method. *Izv. vuz. mash. str. i stroit. i arkh.* 11 no. 2:117-120 '68.
- Mokshich, M. A., Popov, V. D. - Investigating heat exchange during boiling of crystallizing solutions. *Kh. mash. stroit.* no. 7:83-87 '68.
- Movskiy, A. M. - Common approach to various cases of radiant heat transfer between bodies. *Kh. mash. stroit.* no. 7:83-87 '68.
- Mikhalev, M. I. - Mechanism of heat transfer in solid. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Obidov, A. A. - Absolute thermoelectricity of liquid alkali metals. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Oshpov, I. A., and others. - Kinetics of mass exchange processes on porous column exchangers. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Ritkov, M. U., and others. - Kinetics of mass exchange processes on porous column exchangers. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Ritkov, M. U., and others. - Study of heat exchange in fluidization in packed columns. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Ritkov, M. U., Mitroshenko, K. A., Tarasov, G. I. - Study of mass exchange in the sorption of liquid and a different adsorbents. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Ritkov, M. U., Tarasov, G. I., Mitroshenko, K. A. - Study of mass exchange in the extraction and desorption from solids. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Radtsig, I. M., Tishchenko, A. B., Gerasimov, S. I. - Mass exchange in the process of decomposition of some phenols by carbon dioxide. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Rizanskii, O. F., Oshpovskiy, G. M., Moskov, M. P. - Determining the temperature dependence of hydrodynamic characteristics of decomposing materials under specific boiling. *Toplofiz. vyz. temp.* 6 no. 6:1049-1053 M-D '68.
- Shkolovskiy, I. D., Kozlovskiy, I. A. - Study of hydrodynamics and mass transfer on ring spray plate. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.
- Shkolovskiy, I. D., Kozlovskiy, V. B. - Study of mass exchange on lamellar plate with receding liquid. *Mosk. prota. khim. tekhnol.* no. 2:182-184 '67.

535.34 (Continued)

- Shchedankin, I. P., and others. - Study of the mass transfer on ring-laminar plates. *Moscow, prota. khim. tekhnol.* no. 2, 76-77 '87.
- Shchedankin, I. P., Troshin, L. L. - Study of hydrodynamic and mass transfer of oxidant spray plate. *Moscow, prota. khim. tekhnol.* no. 3, 163-164 '87.
- Sivakov, V. A., Platonov, A. M., Radobabits, S. P. - Study of heat and mass transfer from spherical form bodies to gas flow. *Moscow, prota. khim. tekhnol.* no. 2, 115-116 '87.
- Viktorov, V. K., Taganov, L. N. - Method of approximate optimization of mass transfer processes. *Moscow, prota. khim. tekhnol.* no. 3, 206-208 '87.
- Vorontsov, E. G., Chernobyl'skiy, L. I. - Investigating the heat emission in the film of the sprayed fluid. *Khimi. mashinostro.* no. 7, 62-63 '86.

535.4 Action of heat upon bodies

- Kolbasin, I. M. - Temperature fields and stresses in heated anisotropic plates with a supported edge. *Mosk. trav. tsa. no. 2, 186-189 My-Ja '88.*
- Platonov, V. L., Platonov, L. L. - Derivation of dynamic equations of steam contact during the boiling of water-heated water in steam generating channels. *Atom. energ.* 24 no. 4, 474-478 '88.
- Skunov, R. - Thermally hardened reinforcement and the method for its anchorage. *Rad. mat. i konstr.* 30 no. 2, 27-28 Apr-May '88.
- Stuter, L. M., Bolarski, A. M. - Simplified device for fast determination of the melting point of organic substances. *Zav. lab.* 23 no. 8, 1154 '88.
- Svirskiy, L. D., Sobol', M. P. - Screening effect of heatproof coatings. *Khim. tekhnol.* no. 8, 144-148 '87.
- Trupitsynov, A. A., Arslanov, R. A. - Effect of the wave on conductivity of crystallized solid-state to reduce the rate of water evaporation. *Kosm. khim.* 30 no. 6, 627-633 N-D '88.
- Truditsynov, V. I. - Possible mechanisms of chemically-assisted and chemically-induced crystallization. *Khimi. mashinostro.* 3 no. 1, 13-15 Ja-F '88.

535.46 Low temperature phenomena

- Ushakov, V. I., and others. - Stability of resistance in some Fe - Cr - Ni alloys at low-temperature deformation. *Metalloved. i term. obrab.* no. 10, 12-14 O '88.
- Krasov, F. M., Vlasovskaya, E. A., Rohanov, V. M. - Frost resistance of concrete in structures depending on the frost resistance of the crushed stone. *Transp. stroit.* 16 no. 1, 45-47 D '86.
- Krasov, M. A., Lebedev, D. V. - Mechanical properties of K40G12AN steel at liquid-hydrogen temperatures. *Metalloved. i term. obrab.* no. 10, 14-16 O '88.
- Kashin, V. A., Pashchenko, L. I., Shalyt, S. S. - Galvanomagnetic properties of tellurides at extremely low temperatures. *Fiz. tsv. tsa. no. 4, 1113-1117 Ap '88.*
- Ushakov, M. A. - Steels and alloys for cryogenic machinery. *Metalloved. i term. obrab.* no. 10, 14-16 O '88.
- Ushakov, R. A., Moskalenko, V. A. - Peculiarities of plastic flow of titanium at low temperatures. *Metalloved. i term. obrab.* no. 10, 14-16 O '88.

535.5 Temperature measurement, control. Thermometry

- Afanasov, M. - Distance measurements of the temperature of concrete in low molds. *Rad. mat. i konstr.* 30 no. 2, 43 Apr-May '88.
- Durlyto, A. - P. L. - Method for measuring the a. m. f. of a shielded thermocouple. *Pril. i sist. opr.* no. 12, 14 D '88.
- Bilyk, V. I. A. - Determination and analysis of the temperature field of a casting during solidification. *Trudy L'v. na. 2, 150-151 '88.*
- Kolbasin, I. M., and others. - Automatic thermoelectric test chamber. *Pril. i sist. opr.* no. 8, 9-10 S '87.
- Lavrent'ev, L. I., Mikovskiy, V. A., Gubkov, G. M. - Control of the surface temperature of an ingot in a heating wall. *Pril. i sist. opr.* no. 12, 14-15 D '88.
- Malyshova, L. A., Bolkov, G. P. - Determining the temperature of "thin" bodies in radiation heating. *Toplofiz. vyz. temp.* 6 no. 1, 1141-1143 N-D '88.
- Nevitskiy, L. A., Kruglov, M. M. - New instruments for use in thermophysical research. *Toplofiz. vyz. temp.* 6 no. 1, 1143-1145 N-D '88.
- Parkhomenko, V. D., Gusev, S. M., Golubev, L. A. - Temperature measurement by the strain gauge method. *Zav. lab.* 22 no. 7, 894-897 '86.
- Tarabochin, L. S. and others. - Tungsten-rhenium thermocouples for the periodic control of temperature in furnaces used for the fire resistance of copper. *Toplofiz. vyz. temp.* 6 no. 1, 1145-1146 N-D '88.
- Trifonov, M. K., Pruditsynov, M. M. - Multichannel automatic potentiometer for measuring low temperatures in a wide range using the KPP-00M2 device. *Pril. i sist. opr.* no. 12, 14 D '88.

535.5 Heat quantity measurement. Calorimetry

- Maklakhmetov, R. Kh. - Determination of heat flow taking into account the heat loss by the calorimeter. *Chislennyye metody. i teor. uprav.* no. 6, 64-66 '87.
- Politskiy, V. K., Sobol', A. G. - New experimental device for the investigation of the coefficient of heat conductivity of electrically conducting materials in the temperature range 300 K - 1800 K. *Toplofiz. vyz. temp.* 6 no. 1, 1100-1107 N-D '88.
- Petrov, I. M., Lavrent'ev, M. M. - True heat capacity at low temperatures, absolute entropy and enthalpy in standard conditions of Rb₂SO₄. *Kosm. khim. tekhnol.* 23 no. 7, 120-124 JI '88.

537 Electricity

- Orskan, A. M., Shcherbakova, E. A. - Effect of alternating electric field on light absorption in clay suspensions. *Kosm. khim. tekhnol.* 30 no. 8, 815-823 N-D '88.

537.1 Theory of electricity

- Zvoftskiy, V. P. - Conference devoted to the discussion of a concept of electrodynamics. *Kosm. khim. tekhnol.* 3 no. 4, 494-500 JI-Ag '88.

537.2 Electrostatics. Electric charges, etc.

- Ashtadze, B. M., and others. - Effect of the electric field and temperature on the intensity of scintillation radiation in GaP. *Fiz. tsv. tsa. no. 12, 13681-13682 D '88.*
- Raghuvar, G. B., Kirilova, R. M. - Microscopic analysis of effect in tellurium. *Fiz. tsv. tsa. no. 12, 13720-13730 D '88.*
- Rishur, M. I., Kovaleva, E. S. - Effect of an external electric field on the hyperfine structure of the electron paramagnetic resonance spectrum of Mn²⁺ in CdWO₄. *Pis'ma v red. Zhurn. eksp. i teor. fiz.* 6 no. 5, 238-239 S '88.
- Burakov, A. M. - Some applications of the inversion calculation method in determining the geometric pattern of an electrostatic field. *Kosm. khim. tekhnol.* 30 no. 1, 224-225 '87.
- Geller, P. L., Ozerov, O. M. - Dispersion of electrostatic charges on textile fabrics. *Tekst. prom.* 28 no. 1, 103-105 D '88.
- Leopov, V. A. - Properties of the Pb(Tl, X)O₃ piezoelectrics and the nature of its orientational dielectric polarization. *Fiz. tsv. tsa. no. 4, 1144-1146 Ap '88.*
- Kaplanov, A. A., Medvedev, V. N., Gavrilov, O. D. - Effect of the electric field on phonon-free Kase and point symmetry of some electron color centers in NaF. *Fiz. tsv. tsa. no. 12, 13742-13744 D '88.*
- Karla, P., Orskan, M. - Alternating component of the electrostatic current. *Fiz. tsv. tsa. no. 4, 1075-1079 Ap '88.*
- Mozokov, A. I. - Transverse electrostatic effect. *Fiz. tsv. tsa. no. 12, 13684-13686 D '88.*
- Shkape, N. I. - Processing of small particles by plane electrostatic fields. *Kosm. khim. tekhnol.* 30 no. 8, 809-810 JI '88.
- Vladimirov, G. G. - Description of titanium from tungsten in a strong electric field. *Fiz. tsv. tsa. no. 4, 1107-1113 Ap '88.*
- Vorobey, G. A., Krasov, M. S. - Luminescence of rock salt in superhigh electric fields. *Fiz. tsv. tsa. no. 12, 13691-13693 D '88.*

537.226 Dielectrics. Ferroelectricity

- Davlatkhadi, V. G., Chaply, L. E. - Phenomenological theory of ferroelectric magnetism. *Fiz. tsv. tsa. no. 12, 13687-13693 D '88.*
- Borovkov, I. A. - Measurement of dielectric constants of add-amine systems in different solvents. *Kosm. khim. tekhnol.* 30 no. 10, 1150-1154 O '88.
- Davlatkhadi, V. G. - Unit for measuring the dielectric characteristics of small specimens of polymers. *Zav. lab.* 23 no. 8, 1150-1153 '88.
- Oshchepkova, I. M. - Superhigh-frequency method of studying the dielectric constant of high-polar objects. *Vest. Mosk. un. Ser. 2: Fiz., astr.* 33 no. 6, 81-84 N-D '88.
- Kolov, S. N., Rozova, M. M. - Estimates of conditions of the ferroelectric transition in crystals with S₆ structure. *Fiz. tsv. tsa. no. 12, 13679-13674 D '88.*
- Lavin, V. M., Trifonov, V. I. - New method for testing an electrical conductor in a layer of Ta₂O₅. *Pril. i sist. opr.* no. 8, 9-10 S '87.
- Mamedov, V. M., Salimov, M. A., Krasov, M. M. - Study of the ionization flux effect on dielectric properties of polyamide polymers. *Astr. khim. khim. tekhnol.* no. 5, 63-64 '88.
- Maslov, M. I. - Electrostatic strength of a lamellar condenser dielectric. *Elektrotekhnika* 39 no. 1, 116-118 N '88.
- Nikolaev, N., Shklovskiy, B. I. - Nonlinear thermal conductivity of dielectrics in conditions of viscous flow of phonon gas. *Fiz. tsv. tsa. no. 12, 13693-13697 D '88.*
- Oshchepkova, I. A., Mikheeva, D. M. - Photoelectric effect in germanium doped with zinc and antimony. *Fiz. i tekhn. poluprov.* 3 no. 1, 37-43 Ja '88.
- Pavlovskiy, M. M., Krasov, M. M., Zharovskiy, V. A. - Production of pyroelectric ferroelectric materials based on the system PbO - TiO₂ - Bi₂O₃ - SiO₂. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.
- Savitskiy, L. A., Shklovskiy, V. I. - Method for evaluating the potential of charged spots on a dielectric. *Rad. tekhn. i elektron.* 33 no. 1, 110-112 N '88.
- Shvachina, L. I., Petrov, V. M., Pavlovskiy, I. M. - Study of ferroelectric solid solutions in the system Pb(Zn_{1-x}Ta_x)O₃ - Pb(Fe_{1-x}Nb_x)O₃. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.
- Shklovskiy, P. M., and others. - Electrode device for measuring the dielectric characteristics of various coatings and solid resins. *Zav. lab.* 23 no. 8, 1154-1159 '88.
- Vlasov, A. S., Vavitskiy, I. M., Petrov, V. M. - Study of the structure and dielectric properties of some lamellar-containing perovskites. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.

537.3 Electric current. Electrodynamics

- Abdulkhadirov, Kh. M., Volkov, A. S., Galanov, V. V. - Studying the kinetics of photoconductivity and the noise spectrum in a-Info. *Fiz. i tekhn. poluprov.* 2 no. 1, 113-115 Ja '88.
- Alievskiy, V. A. - Electric conductivity of carbon at temperatures and pressures above the critical values. *Toplofiz. vyz. temp.* 6 no. 1, 1141-1143 N-D '88.
- Alievskiy, A. A., Gering, V. E., Salov, A. M. - Method for removing the charge from nonconductive specimens in X-ray microanalyses. *Opt. i mekhn. prom.* no. 8, 14-18 Ja '88.
- Andreev, S. I., Gavrilov, V. E. - Parallel and series switching of tubular gas-discharge flash lamps. *Kosm. khim. tekhnol.* 30 no. 8, 809-810 JI '88.
- Arsov, G. M., and others. - Inductance and internal resistance of vacuum disk switches. *Kosm. khim. tekhnol.* 30 no. 8, 809-810 JI '88.
- Aslanov, E. L., Batanin, V. M. - Calculation of the electric conductivity of a partially ionized plasma. *Toplofiz. vyz. temp.* 6 no. 1, 1141-1143 N-D '88.
- Aslanov, E. L., Larkov, A. L. - Effect of fluctuations on the electrodynamic properties above the critical values. *Fiz. tsv. tsa. no. 4, 1104-1111 Ap '88.*
- Bilashko, D. I., Kats, L. I., Malakh, L. V. - Reflection of the electrodynamic energy from semiconductor in the millimeter band of wavelength. *Fiz. i tekhn. poluprov.* 3 no. 1, 44-47 Ja '88.
- Bozhovskiy, M. Z., Ponomarev, V. V., Makarova, S. Z. - Continuous determination of electric resistance during heating and cooling. *Zav. lab.* 34 no. 1, 1214-1215 '88.
- Chernik, I. A., and others. - Conductivity some structure of lead sulfide. *Fiz. i tekhn. poluprov.* 3 no. 1, 1143-1144 Ja '88.
- Dmitriyev, A. V., Krasov, V. G., Shklovskiy, A. A. - Electroconductivity and thermoelectric force of alloys in the system Bi₂Se₃ - Sb₂Se₃. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.
- Krasov, P. G., Man'ko, M. A. - Nature of a thermoelectric current and radiation in highly alloyed p - n-junctions. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Krasov, M. A., Krasov, V. I. - Studying the thermal conductivity coefficient on tin telluride. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Vedov, V. I., Krasov, B. I. - Mechanism of electrical conductivity and thermal conductivity of hard diamond nanocomposites. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Gaidarov, I. P., Krasov, I. A. - Effect of electric field on the structure of the crystal lattice. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Gaidarov, I. A., Krasov, A. A. - Correlation of changes of the lattice constant and electroconductivity of lithium fluoride single crystals under X-radiation. *Fiz. tsv. tsa. no. 4, 1104-1111 Ap '88.*
- Gaidarov, M. I., and others. - Measuring the specific resistance of plates and epitaxial films using the method of opposite probes. *Zav. lab.* 23 no. 8, 1154-1159 '88.
- Krasov, V. I., Lisker, I. S. - Determining galvanomagnetic and thermomagnetic effects in semiconductor. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Krasov, V. I., Lisker, I. S. - Study of galvanomagnetic and thermomagnetic effects in semiconductor using the nonstationary method. *Zav. lab.* 23 no. 8, 1154-1159 '88.
- Krasov, D. V., Krasov, L. I., Shklovskiy, M. D. - Microplotting of microstructures and images from aqueous solutions. *Ukr. khim. khim. tekhnol.* 34 no. 1, 110-111 '88.
- Krasov, D. V., and others. - Device for the determination of single viscous shear electrical conductivity. *Khimi. volok.* 18 no. 8, 87-88 '88.
- Krasov, V. D. - Theory of optical absorption by free charge carriers in semiconductors. *Vest. Mosk. un. Ser. 2: Fiz., astr.* 33 no. 6, 81-84 N-D '88.
- Krasov, G. P., Popovskiy, A. S., Chelidzev, V. A. - Characterization of the space structure of semiconductor with photocopying lattice. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Krasov, V. V., Lisker, A. I., Repanov, O. M. - Determining the number of carriers in the pyrolytic graphite under pressure. *Fiz. tsv. tsa. no. 4, 1104-1111 Ap '88.*
- Krasov, P. P., and others. - Electric properties of p-type lithium arsenide crystals. *Fiz. i tekhn. poluprov.* 3 no. 1, 3-10 Ja '88.
- Krasov, S. V. - Synthesis of one class of multielectrolyte systems. *Vysk. tekhn. v mash. str.* 2, 76-80 '87.
- Krasov, V. M., Palashin, L. S. - Semiconductor phases with microelectronic properties. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.
- Krasov, I. P., Samoilov, V. D. - Realization of methods for the search of a solution in models with varying structure. *Trudy Bern. Mat. nat. mod. i teor. elektr. imp.* no. 1, 1-11 '88.
- Krasov, L. A., Krasov, L. V., Krasov, L. D. - Asymmetric R and R-C networks as an electrical analog for solving a nonlinear equation for nonsteady-state thermal conductivity. *Kosm. khim. tekhnol.* 30 no. 8, 809-810 JI '88.
- Krasov, A. I. - Dynamic modeling of network optimization problems. *Trudy Bern. Mat. nat. mod. i teor. elektr. imp.* no. 1, 1-11 '88.
- Krasov, L. M., and others. - Ability of the bridge link in binary systems in electron-beam conformation and electronic conductivity. *Kosm. khim. tekhnol.* 30 no. 8, 809-810 JI '88.
- Krasov, A. M. - Effect of viscosity and temperature on diffusion currents of some ions in anodic region on rotating microelectrode. *Izv. AN SSSR. Neorg. khim.* 4 no. 1, 150-154 '88.

537.3 (Continued)

- Sakhamanov, R. S. - Role of geometric relief in the study of semiconductor surfaces. *Izv. SO AN SSSR*, no. 3, 132-137 F '88.
- Petrov, I. N., and others. - Effect of barium vapors on the electric conductivity, thermoelectric, and the work functions of $(\text{BaSr})\text{CaO}$. *Fiz. i tekhn. poluprov.*, 3 no. 1, 63-62 Ja '88.
- Pilak, I. M., Oshpov, E. V. - Studying the single crystals of ZnO , CdO , GaAs solid solution. *Fiz. i tekhn. poluprov.*, 3 no. 1, 64-65 Ja '88.
- Polyakov, L. P. - Methods of measuring the electric conductivity of a plasma with high resolution with respect to time. *Tekhn. vyzn.*, 4 no. 6, 871-883 M-D '88.
- Serebriakov, D. R., Gorman, T. A., Shulka, A. M. - Electric conductivity of bismuth molybdates. *Azerb. khim. zhurn.*, no. 3, 74-78 '85.
- Shur, M. S. - Concerning the theory of electric induction waves in ferroelectric crystals with semiconductor properties. *Fiz. tverd. tela*, 10 no. 12, 3500-3503 D '88.
- Sigoral, V. P. - Accuracy of the calculation of polynomial factors in the analysis of electrical networks using electronic digital computers. *Koorg. i tekhn.*, 6 no. 3, 54-58 N-D '88.
- Suris, I. V., Shilko, V. I., Shurev, V. V. - Contactless method for measuring the specific resistance of semiconductor plates and epitaxial films. *Zav. lab.*, 33 no. 3, 1038-1039 '88.
- Tikhomirov, I. A., Doronin, V. T., Vargan, A. P. - Methods for determining the active component of electric conductivity of ion exchange membranes. *Zav. lab.*, 34 no. 10, 1218 '84.
- Vasilev, V. V. - Effect of the internal electric field on the simultaneous and consequent diffusion of impurities in semiconductors. *Fiz. i tekhn. poluprov.*, 2 no. 1, 103-109 Ja '88.
- Vasilev, V. V., Ushakov, V. A. - Effect of complexing on the impurity diffusion in semiconductors. *Fiz. tverd. tela*, 10 no. 4, 1330-1341 Ap '88.
- Vasilev, V. V., Dzhurav, I. V. - Electric transfer and the Schottky effect in semiconductors. *Fiz. tverd. tela*, 10 no. 12, 3540-3545 D '88.
- Vasilev, I. I., Popov, V. M. - Current intensity time curves and their utilization for analytical characteristics of the surface active agents. *Izv. AN Mold. SSR*, no. 5, 43-48 '82.
- Volkovskaya, Z. S. - Electroconductivity of alloys in the system ZrO_2 - La_2O_3 . *Izv. AN SSSR. Neorg. mat.*, 4 no. 11, 1878-1879 N '84.

537.5 Electric discharges, induction, ionization

- Basharov, R., and others. - Determining the current density near the cathode. *Zhur. tekhn. fiz.*, 34 no. 6, 1098-1105 Ja '88.
- Borovik, E. S., and others. - Device for the production and investigation of high-current long arcs of high pressure. *Tekhn. vyzn.*, 4 no. 6, 1124-1130 M-D '88.
- Bortnik, I. M. - Studying the ignition characteristics of electric discharges in helium. Parts 1-3. *Zhur. tekhn. fiz.*, 35 no. 8, 1010-1034 Ja '88.
- Bashik, A. I., Bekashevich, I. G. - Studying the dynamics of spectral line emission of ions of the electrode material in electrode-adjacent areas in the case of an impulsive electric discharge. *Zhur. prikl. spekt.*, 9 no. 1, 113-113 JI '88.
- Dezlov, A. D., Rusanov, V. K. - Second experiment to establish the ion-molecular reaction constants directly in the ionosphere. *Dokl. AN SSSR*, 193 no. 2, 328-333 '84.
- Dinoy, G. I., and others. - Production of microwave beams of hydrogen ions. *Zhur. tekhn. fiz.*, 35 no. 6, 927-934 Ja '88.
- Gel'man, M. S., Mikovish, V. I., Popov, I. V. - Electrostatic strength of an epoxy compound subject to a.c. action. *Elektrotekhnika*, 30 no. 11, 11-14 M '88.
- Gerasimov, Kh. B., Ivanova, A. V. - Cross section of the photoionization of Li^+ ion. *Zhur. prikl. spekt.*, 9 no. 1, 173-174 JI '88.
- Grukhov, D. A., Kiselevskii, L. I. - Ionization of the spectra of gases and their mixtures by means of spectroanalytical generators DO-3 and PO-3. *Zhur. prikl. spekt.*, 9 no. 6, 721-727 Ja '87.
- Orlov, V. M., Dykman, I. M., Tomash, P. M. - Distribution function and temperature dependence of mobility in Al_2O_3 semiconductor. *Fiz. tverd. tela*, 10 no. 4, 1046-1064 Ap '88.
- Orlov, I. V. - Lattice model of ionic atmosphere. *Zhur. strukt. khim.*, 3 no. 4, 394-401 B-Ag '81.
- Kamshad, V. V., and others. - Effect of thermophysical parameters of a material on the electrode erosion in a high-current vacuum discharge. *Zhur. tekhn. fiz.*, 36 no. 8, 1074-1078 Ja '88.
- Khrushch, I. A., Kiselevskii, L. I., Mikovish, V. I. - Change of a group composition of mixtures under the action of electric discharges. *Vestn. AN BSSR. Ser. khim. nat.*, no. 4, 79-84 '84.
- Kasheva, V. S. - Penetration depth and low-energy ion distribution in solids. *Fiz. i tekhn. poluprov.*, 3 no. 1, 92-101 Ja '88.
- Korobov, I. K., Orlovish, I. B., Zareva, I. V. - Chemistry of ionospheres of the terrestrial series. Part 7: Synthesis and ionization constants of alkylhydroxy acids. *Zhur. org. khim.*, 4 no. 11, 2324-2328 N '88.
- Kozlov, V. M., Borokhin, V. M., Tomash, I. V. - Experimental check of the equivalent pressure concept on the arc discharge with hot cathode in mercury vapors. *Zhur. tekhn. fiz.*, 33 no. 8, 1048-1059 Ja '88.
- Kozlov, V. F., Pustrik, V. M., Fogel, I. A. M. - Uniqueness of the secondary ion-ion emission in the study of volume processes in solids. *Fiz. tverd. tela*, 10 no. 13, 2713-2715 D '84.

- Kozlov, V. K. - Polarization of the spectral line intensity of copper in a plasma jet. *Zhur. prikl. spekt.*, 9 no. 6, 814-816 Ja '87.
- Laitov, Z. K., Kapranov, S. E. - Ionization of K^+ ions by means of electron impact. *Zhur. tekhn. fiz.*, 36 no. 6, 1070-1073 Ja '88.
- Loshakili, E. D. - Townsend's ionization coefficient for He with allowance for indirect ionization. *Dokl. AN SSSR*, 193 no. 3, 318-320 '88.
- Lysikov, V. M., Machulak, V. I. - Table aerolizer for laboratory research. *Troty Khim. sel'khoz. inst.*, 27 no. 1, 84-89 '84.
- Milias, A. V., and others. - Determining electron concentration in an arc discharge plasma. *Izv. SO AN SSSR*, no. 3, 22-24 F '88.
- Oganesov, K. A., Stravinskii, R. R., Chikhlachev, B. I. A. - Investigation of the temperature of hot hollow cathodes. *Zhur. prikl. spekt.*, 9 no. 8, 913-915 Ja '87.
- Peterkop, R. K. - Exchange of electrons in collisions with atoms. *Atom. stek.*, no. 2, 108-113 '84.
- Petrov, M. M., Volkov, M. F., Koshchakov, A. L. - Ion-electron emission of NaCl and KCl single crystals at different angles of incidence of slow ions of inert gases. *Fiz. tverd. tela*, 10 no. 4, 1043-1047 Ap '88.
- Petrov, V. I., Kabanov, A. P. - Characteristics of a cathode thermionic converter with a tungsten cathode. *Tekhn. vyzn.*, 4 no. 6, 1114-1117 M-D '88.
- Rudakov, M. K., and others. - Spectrum analysis of also electrode in impurities of various elements and also in a hollow cathode and across also in a direct current arc. *Zhur. prikl. spekt.*, 9 no. 1, 114-114 JI '88.
- Trochitskiy, V. I. - Possible mechanisms of chemical processes and ionization in acetylene-air flames. *Khim. vyzn.*, 3 no. 1, 3-9 Ja-F '88.
- Vasilev, V. V., and others. - Use of high voltage spark electric discharges in study for intensification of acid decomposition of apatite concentrate. *Khim. i tekhn. i tekhnol.*, no. 3, 133-140 '87.
- Vakro, V. - Ionization of atoms by electron impact. *Atom. stek.*, no. 2, 108-113 '84.
- Vakro, V. - Effect of distortions of an incident wave on the partial ionization cross sections for hydrogen atoms. *Atom. stek.*, no. 2, 107-103 '86.
- Vakro, V. - Ionization of hydrogen atoms by slow electrons. *Atom. stek.*, no. 2, 107-103 '86.
- Volkov, M. V. - Theory of cathode drop of the glow-discharge potential. *Zhur. tekhn. fiz.*, 36 no. 6, 1048-1051 Ja '88.
- Vologdin, V. G., and others. - Distribution and range of boron and phosphorus ions in SiO_2 under ion bombardment. *Fiz. tverd. tela*, 10 no. 4, 1048-1051 Ap '88.
- Zorin, K. I., Pavlov, P. V., Tsalibazova, D. I. - Donor properties of nitrogen in silicon. *Fiz. i tekhn. poluprov.*, 3 no. 1, 113-113 Ja '88.

537.53 X rays. Gamma rays

- Broder, D. L., and others. - Transmission of fast neutrons and γ -radiation through rectangular empty slabs. *Atom. energ.*, 35 no. 8, 107-110 D '88.
- Fomichov, V. A., Kiselev, L. L. - Ultraviolet X-ray spectra of Mg and MgO . *Fiz. tverd. tela*, 10 no. 12, 3763-3768 D '88.
- Kishik, F. A., and others. - Calculating absorbed gamma-radiation energy. *Khim. i tekhn. fiz.*, 9 no. 6, 878-879 M '88.
- Kiselevskii, O. Z. - Effect of superstrong magnetic fields, produced by electron bombardment, on the electron levels of atoms. *Vysok. Kiv. m. Ser. fiz. i khim.*, no. 6, 2-8 '88.

537.533 Negative rays. Cathode rays. Electron optics

- Akhmetov, M. G., Gol'dshtein, V. A., Dzhurav, I. V. - Distribution of the fringing field in a magnetic spectrometer with homogeneous field and anode. *Zhur. tekhn. fiz.*, 36 no. 6, 1003-1004 Ja '88.
- Barmova, L. A., Piskova, T. I. A., Iavor, B. I. A. - Some types of electrostatic quadrupole-optical lenses. *Radiofiz. i elektron.*, 13 no. 11, 2188-2191 M '88.
- Balov, M. K. - Calculation of active and reactive conductance introduced by a tubular beam into a resonator at large space charge density. *Radiofiz. i elektron.*, 13 no. 11, 2188-2191 M '88.
- Dzhurav, M. F., Vasilev, A. M., Miroslavov, Z. A. - Nature of so-called beam losses and some peculiarities of the photocathode surface of plant cells. *Bot. zhurn.*, 83 no. 11, 1843-1847 M '88.
- Der-Sivris, G. V., Kishkov, I. V. - Third-order aberration of cathode lenses with distributed axial symmetry. *Radiofiz. i elektron.*, 13 no. 12, 2293-2297 D '88.
- Der-Sivris, M. N., Kishkov, V. F. - Effect of the nonhomogeneity of the coating on the spectral noise density of the speed of electrons in a beam emitted by an oxide cathode. *Radiofiz. i elektron.*, 13 no. 12, 2291-2296 D '88.
- Gall, L. M., and others. - Ion-optical systems with strong focusing for the ion source of a mass spectrometer. *Zhur. tekhn. fiz.*, 36 no. 8, 1048-1061 Ja '88.
- Gall, L. M., Gall, R. M., Stetsko, M. S. - Ion-optical system with strong focusing for the ion source of a mass spectrometer. Part 2: Quasi-parallel beam forming. *Zhur. tekhn. fiz.*, 36 no. 8, 1043-1047 Ja '88.
- Orlov, R. I. - Calculating the potential of electron-optical systems with diaphragms. *Opt. i tekhn. prom.*, 36 no. 8, 18-22 S '88.
- Stetsko, M. I. - Processing of small particles by plane electrostatic fields. *Zhur. tekhn. fiz.*, 36 no. 8, 1068-1069 Ja '88.

Zvolinskii, V. P. - Conference devoted to the theory of a concept of electron optics. *Zhur. strukt. khim.*, 3 no. 4, 488-500 JI-Ag '82.

537.7 Electrical measurements

- Drainin, N. I., Vlasnikov, I. A. - Test rod for measuring the electroconductivity of materials under the microscope. *Zav. lab.*, 32 no. 9, 1157 '86.

538 Magnetism

- Antipin, A. A., Kurkin, I. M. - Paramagnetic resonance and spin-lattice relaxation of Yb^{3+} ions in PbF_2 crystal. *Fiz. tverd. tela*, 10 no. 4, 1248-1249 Ap '88.
- Adasov, I. I., Stetsko, R. M. - Magnetically regulated conductors. *Priborostroenie*, no. 12, 20 D '88.
- Basharov, R. I., Gaidukov, M. M. - Magnetoacoustic oscillations of the Nernst-Ettingshausen effect in FeSi . *Fiz. i tekhn. poluprov.*, 3 no. 1, 108-110 Ja '88.
- Chetkin, M. V., Shalygin, A. M. - Anisotropy of the Faraday effect in ferrite garnets. *Fiz. v rel. Zhur. i tekhn. fiz.*, 6 no. 5, 342-345 S '88.
- Oskakov, I. V., Kishkov, I. V. - Free electron spin relaxation. *Fiz. v rel. Zhur. i tekhn. fiz.*, 6 no. 5, 341-343 S '88.
- Gall, L. M. - Quantum oscillations of thermoelectric coefficients in the plasma drag effect. *Fiz. tverd. tela*, 10 no. 4, 1182-1183 Ap '88.
- Ganopol'skii, M. M., and others. - Magnetoacoustic resonance properties of metal films of Fe/GaAs and Ga/GaAs . *Fiz. tverd. tela*, 10 no. 4, 1184-1186 Ap '88.
- Granovskii, I. V., and others. - Effect of addition of electron paramagnetic properties of alkali-alkali borates. *Troty Khim. sel'khoz. inst.*, no. 2, 103-103 '84.
- Kavalerova, L. A., Lysikov, R. G. - Aging of alkali permanent magnets in the 440°-780° C range. *Elektrotekhnika*, no. 12, 72-75 D '88.
- Koshchakov, A. L., and others. - Electric properties of p-type thin films of arsenic. *Fiz. i tekhn. poluprov.*, 3 no. 1, 108-110 Ja '88.
- Kiselev, I. V., Kiselevskii, I. G. - Nonlinear theory of ferroacoustic resonance. *Fiz. tverd. tela*, 10 no. 4, 1184-1186 Ap '88.
- Kozlov, A. B. - Porous electrode oscillations of two-dimensional periodic impurity structures. *Radiofiz. i elektron.*, 13 no. 12, 2191-2194 D '88.
- Koryakov, R. P., Galpov, I. V. - Angular distribution of the photomagnetic effect in thin layers of germanium. *Fiz. i tekhn. poluprov.*, 3 no. 1, 104-106 Ja '88.
- Kozlov, V. A., Vashchuk, I. I., Shalygin, A. M. - Observing the properties of tellurium at extremely low temperatures. *Fiz. tverd. tela*, 10 no. 4, 1113-1117 Ap '88.
- Oshpov, E. V., and others. - Experimental determination of the "sign" of Dzyaloshinskii interaction in a magnetoferrite. *Fiz. v rel. Zhur. i tekhn. fiz.*, 6 no. 5, 346-349 S '88.
- Serdarova, V. B., Rusanov, A. A. - Conductivity jump impurities at low temperatures. *Fiz. i tekhn. poluprov.*, 3 no. 1, 107-110 Ja '88.
- Shalygin, A. M. - Refraction of electromagnetic waves in the earth's atmosphere with presence of localized nonhomogeneity. *Radiofiz. i elektron.*, 13 no. 12, 2191-2194 D '88.
- Tikhomirov, I. A., Vologdin, V. G. - Oscillations of the magnetoacoustic resonance in LiF . *Fiz. tverd. tela*, 10 no. 4, 1184-1186 Ap '88.
- Tikhomirov, V. M. - Quantum mechanics of the spin in a ferroacoustic substance. *Fiz. tverd. tela*, 10 no. 4, 1184-1186 Ap '88.
- Zaslavskii, M. M., Kishkov, R. M. - Effect of magnetic field on the conductivity of surface states in GaAs by the method of eddy currents. *Zav. lab.*, 32 no. 9, 1157 '86.
- Zhurnov, A. I. - Measuring the quickly changing longitudinal relaxation time by the spin echo method. *Zhur. fiz. khim.*, 43 no. 7, 1854-1855 JI '82.

538.11 General laws of magnetic action. Curves from

- Afanasyev, B. I., Kishkov, V. I., Kiselevskii, G. G. - Certain characteristics of the Fe^{2+} ion. *Dokl. AN SSSR*, 193 no. 2, 360-361 '88.
- Der-Sivris, G. V., and others. - Intracavity laser in a cavity and the algorithm of paramagnetic resonance of ions with d -shell. *Fiz. tverd. tela*, 10 no. 4, 1184-1186 Ap '88.
- Borokhin, I. B., Kishkov, R. M. - NMR spectrum with inversion coverage in compounds of transition metals with electron therm SP. *Izv. AN Mold. SSR*, no. 5, 43-48 '82.
- Chapelya, I. V., Lomark, V. M., Kishkovskii, S. A. - Electron paramagnetic resonance of Mn^{2+} and Gd^{3+} in vitreous TiAsF_6 . *Izv. AN SSSR. Neorg. mat.*, 4 no. 1, 183-183 N '88.
- Dzhurav, I. A., Kishkov, R. M., Kiselevskii, G. G. - Electron paramagnetic resonance spectra and spin-lattice relaxation in irradiated polyethylene. *Fiz. tverd. tela*, 10 no. 12, 3718-3719 D '88.
- Gur'yanov, M. S., Rusanov, A. A., Ushakov, I. V. - Super-line structure of NMR lines in liquid crystals of Ti^{3+} . *Zhur. strukt. khim.*, 3 no. 4, 394-401 B-Ag '81.
- Grebishkin, V. B. - Kerman effect in nuclear quadrupole resonance spectrum of ^{25}Mg monochloroacetate salt. *Zhur. strukt. khim.*, 3 no. 4, 397-399 B-Ag '81.
- Kasheva, V. M., Svirid, I. A. K. - Hyperfine structure of electron paramagnetic resonance spectra of metal ketals. *Zhur. strukt. khim.*, 3 no. 4, 397-399 B-Ag '81.
- Kiselevskii, R. R., Kishkov, V. K. - Study of irradiated polymers by optical spectroscopy and EPR. *Khim. vyzn.*, 3 no. 1, 81-87 Ja-F '88.

338.11 (Continued)

- Kashov, V.G., Medvedev, M.L. - Pseudo-Stark splitting of Cr^{3+} electron paramagnetic resonance lines in $\alpha\text{-MgSO}_4$. *Fiz. tver. tela* 10 no.13:3679-3681 D '88.
- Mitrofanov, I.U.F., Pol'skii, I.U.M., Fulin, M.L. - Double electron nuclear resonance V-3 in CaF_2 . *Fiz. tver. tela* 10 no.13:3682-3684 D '88.
- Pozdnyak, A.L., and others. - ESR spectra in the photo-lysis of frozen solutions of ethylenediamine complexes of Co(III) complexes. *Khim. vys. energ.* 3 no.1:89-94 Ja-P '88.
- Pozdnyak, A.L., and others. - Optical absorption and ESR spectra in the photo-lysis of frozen $\text{K}_2\text{Fe}(\text{C}_2\text{O}_4)_2$ solutions. *Khim. vys. energ.* 3 no.1:88-89 Ja-P '88.
- Rukhovich, A.M., and others. - Frozen solutions containing magnetic ions and hydrogen atoms studied by means of electron spin echo. *Dokl. AN SSSR* 283 no.1:348-352 '88.
- Serai, T. - Temperature dependence of cubic splitting of the electron paramagnetic resonance spectrum of Fe^{3+} in SrTiO_3 single crystals. *Fiz. tver. tela* 10 no.13:3744-3748 D '88.
- Shalagin, I.U.L., Volynov, M.P., Derkovich, B.P. - Electron paramagnetic resonance of a "parallel" pair of chromium ions in ruby. *Fiz. tver. tela* 10 no.13:3636-3639 D '88.
- Zakharov, G.M., Lebedev, I.A.S., Tsvetkov, I.U.D. - Line shape in electron paramagnetic resonance spectra of peroxide type radicals in oriented polymers. *Zhur. strukt. khim.* 3 no.8:841-845 S-O '88.
- Zigadeev, V.V. - Coercive force of a two-layer film. *Trudy Sem. "Fiz. i tekhn. voprosy"* no.1:161-171 '88.

338.12 Magnetic fields

- Booker, M.G. - Stability and vibrations of nonlinearly elastic beams in a magnetic field. *Pril. mekha* 4 no.1:65-72 '88.
- Derzhits, I.A., and others. - Dynamic stabilization of the magnetic field. *Vysnyy Kyiv. un. Ser. fiz. i khim. na. 6:84-89 '88.*
- Oetting, A.V. - Magnetic fields in convective cells of the superconducting zone. *Astron. zhur.* 48 no.0:1233-12 '88.
- Koryin, I.U.IA. - Resonant oscillations of a ferromagnetic body in the cavity of a magnet. *Izv. vya. ucheb. sav. i stud. mekha.* no.5:475-483 My '88.
- Zemskiy, O.Z. - Effect of superstrong magnetic field produced by electron bombardment on the electron levels of atoms. *Vysnyy Kyiv. un. Ser. fiz. i khim. na. 6:3-9 '88.*

338.13 Magnetic processes and properties

- Belov, K.P., and others. - Effect of exchange interaction on the ordering of holmium ions in orthoferrites of the system $\text{Ho}_2(\text{Fe}_{1-x}\text{Al}_x)\text{O}_7$. *Fiz. tver. tela* 10 no.13:3765-3781 D '88.
- Belov, K.P., Bogdanov, V.I., Then Don Ilon. - Magnetization of paramagnetic rare earth gallates and garnets with garnet structure. *Fiz. tver. tela* 10 no.13:3796-3798 D '88.
- Belov, V.D., Vashkovskiy, A.V., Kildishev, V.M. - Characteristics of magnetooresonance resonance in ferrites. *Fiz. tver. tela* 10 no.13:3736-3737 D '88.
- Olshanskii, I.A., Rusanov, K.A. - Coherent amplification of spin waves in ferrites. *Fiz. tver. tela* 10 no.13:3622-3631 D '88.
- Pelishov, V.P. - Interaction of magnetic sublattices in gadolinium ferrite garnets. *Fiz. tver. tela* 10 no.13:3647-3650 D '88.
- Potomskiy, S.A. - Paraprocess near the Curie point in polycrystalline cobalt-nickel ferrite. *Fiz. tver. tela* 10 no.13:3697-3699 D '88.
- Ser, M.S. - Concerning the theory of electric induction waves in ferroelectric crystals with semiconductor properties. *Fiz. tver. tela* 10 no.13:3650-3656 D '88.
- Serevichov, A.T., and others. - Studying the magnetic properties of some magnetically ordered fluorides in a strong polarized magnetic field. *Fiz. tver. tela* 10 no.13:3608-3614 D '88.
- Strigina, A.I., Khata'ko, M.M. - Anisotropy of magnetic properties of zinc tungstate with cobalt impurity. *Fiz. tver. tela* 10 no.13:3730-3733 D '88.

338.14 Electromagnetic. Electrodynamics

- Ablinac, I.A., Belozorov, D.P. - Fluctuations and scattering of slow anisotropic and electromagnetic waves in ferromagnetic materials with small magnetic anisotropy. *Fiz. tver. tela* 10 no.13:3671-3673 D '88.
- Azolk, M.V. - Calculation of potentials of simple and double layers on a plane and their derivatives near the regional boundary. *Metod. vych.* no.8:36-43 '88.
- Berlitskiy, V.G., Chupin, I.K. - Phenomenological theory of ferroelectric magnetism. *Fiz. tver. tela* 10 no.13:3647-3653 D '88.
- Bum, V.G., Deglaskh, G.A., Monin, I.U.S. - Electro-dynamics of crystals with fluctuating parameters. *Fiz. tver. tela* 10 no.13:3652-3659 D '88.
- Bortnikov, I.U.S., Rukhovich, I.B. - Studying the system of electrodynamic equations. *Mag. gidr.* no.3:128-13 Ap-Je '88.
- Demetiev, V.M. - Effect of the electromagnetic field on the elastic scattering of electrons in semiconductors. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:274-275 '88.

- Belozorov, L.N., Fala, V.M. - Nonlinear magneto-electric effect. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:288-270 '88.
- Daniilov, A.A., Liliyev, O.M. - Use of positive feedback in the linearization of a sawtooth voltage. *Izv. vya. ucheb. sav. i elektromekha.* no.12:1371-1373 D '88.
- Gufan, I.U.M. - Induced ferromagnetism in magnetically ordered piezoelectrics. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:271-273 '88.
- Karimov, I.U.S. - Free radicals as spin chains with antiferromagnetic interaction. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:236-241 '88.
- Kut'menko, P.P. - Effective cross section of conduction electron scattering on disordered spins in ferromagnetic Fe and Ni. *Vysnyy Kyiv. un. Ser. fiz. i khim. na. 6:13-13 '88.*
- Lemantov, V.V., Pavlovskiy, A.V., Shukin, O.V. - Resonance absorption of elastic waves in crystals of yttrium ferrite garnet in the absence of an external magnetic field. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:243-248 '88.
- Nagorniy, L.I.A., Efremov, V.M., Krasikov, O.L. - Automated electrical analog model for solving a diffusion equation using the Lieberman method. *Trudy Sem. "Met. mod. i teor. elekt. teop."* no.1:27-33 '88.
- Medlin, G.M., Shapiro, R.Kh. - Electromagnetic excitation of magnetostatic waves in ferromagnetic substances. *Fiz. tver. tela* 10 no.13:3740-3743 D '88.
- Ser, M.S. - Types of waves of electric induction in ferroelectric semiconductors with the first order phase transition at temperatures above the transition temperature. *Fiz. tver. tela* 10 no.13:3684-3687 D '88.
- Tsvirko, I.U.A. - Properties of coupled magnetostatic waves in magnetic materials without the center of inversion. *Fiz. tver. tela* 10 no.13:3634-3634 D '88.
- Zakharov, I.U.M., Rusanov, K.A. - Analytical and experimental investigation of dynamic processes in an electroacoustic transducer. *Izv. vya. ucheb. sav. i mekhanizir.* no.6:121-128 '88.

338.4 Magnetohydrodynamics

- Andreev, A.M., Gidich, V.A. - Selection of optimal relations in induction pumps for pumping of liquid metals. *Mag. gidr.* no.3:134-140 Ap-Je '88.
- Apollonov, M.M., Kuvshinov, I.U.P. - Transverse velocity perturbations in magnetohydrodynamic channels. *Mag. gidr.* no.3:133-138 Ap-Je '88.
- Birvitskiy, J. - Optimization principles for electro-magnetic pumps based on efficiency. *Mag. gidr.* no.3:128-134 Ap-Je '88.
- Chudov, I.U.I. - Experimental study of the interaction of a moving pulsed argon plasma with a transverse magnetic field. *Mag. gidr.* no.3:137 Ap-Je '88.
- Dzhagladin, K.P. - Flow in a magnetohydrodynamic basin. *Mag. gidr.* no.3:133-141 Ap-Je '88.
- Efremov, A.L. - Optimization of a magnetohydrodynamic generator with a limited expansion angle of the channel. *Mag. gidr.* no.3:131-134 Ap-Je '88.
- Krasik, I.U.P. - Compensation of boundary effects on electrodes in magnetohydrodynamic energy converters. *Mag. gidr.* no.3:133-139 Ap-Je '88.
- Gorb, A.M., Gorobets, I.M., Minsker, M.L. - Calculation of loading characteristics of a magnetohydrodynamic generator. *Mag. gidr.* no.3:137-141 Ap-Je '88.
- Gorbachev, I.P., Grigor'ev, M.M. - Unsteady motion of electroconducting fluid caused by a slowly rotating disc in a coating in the presence of a strong axial magnetic field. *Mag. gidr.* no.3:130-132 Ap-Je '88.
- Gorbachev, I.P., Potanin, E.P. - Motion of an electro-conducting fluid caused by the rotation of a disc in the presence of a strong axial magnetic field. *Mag. gidr.* no.3:133-134 Ap-Je '88.
- Chalka, P.L., Solovov, G.S. - On the calculation of gas ionizing anisotropic waves in a magnetic field. *Mag. gidr.* no.3:133-134 Ap-Je '88.
- Kalia, Kh.E., Tsvirko, A.B., Sidorov, A.G. - Results of the numerical calculation of the resistance coefficient of a round cylinder in a transverse magnetic field. *Mag. gidr.* no.3:146 Ap-Je '88.
- Kapota, A.B. - Motion of a conducting fluid under the action of a rotating magnetic field. *Mag. gidr.* no.3:175-176 Ap-Je '88.
- Kapota, A.B., G.L. - Longitudinal stability of a plasma flow between conducting screens in a transverse magnetic field. *Mag. gidr.* no.3:148-151 Ap-Je '88.
- Karasev, B.G., Lavrent'ev, I.V. - Operating conditions of a magnetohydrodynamic channel. *Mag. gidr.* no.3:148-150 Ap-Je '88.
- Karlovskiy, I.U.E. - Magnetohydrodynamic linear boundary layer in an axisymmetric twisted flow. *Mag. gidr.* no.3:153-155 Ap-Je '88.
- Kiraly, G.Kh., Tsvirko, V.E. - Effect of nonuniformity of the velocity profile on the readings of an induction flow meter. *Mag. gidr.* no.3:141-143 Ap-Je '88.
- Kolbasov, I.U.B., Tsvirko, A.B., Bichorobin, E.V. - Experimental study of magnetohydrodynamic traces behind a round cylinder. *Mag. gidr.* no.3:148-151 Ap-Je '88.
- Korbaev, V.L., Medin, S.A. - Analysis of the circuit of a power unit with a magnetohydrodynamic generator and a thermocompressor. *Teplota. vys. temp.* 6 no.6:1118-1123 N-D '88.
- Korytenko, V.E. - Calculation of the magnetohydrodynamic flow in a channel with finite or semi-infinite electrodes. *Mag. gidr.* no.3:144-146 Ap-Je '88.
- Leshchik, V.G. - Turbulent submerged jet of an electro-conducting fluid in a longitudinal magnetic field. *Mag. gidr.* no.3:176-181 Ap-Je '88.
- Pleshchikov, A.R., Lazarev, P.P. - Linearized analysis of magnetohydrodynamic Prandtl-Meyer flow. *Mag. gidr.* no.3:186-184 Ap-Je '88.
- Pleshchikov, A.R. - Turbulent trace in magnetohydrodynamic flow. *Mag. gidr.* no.3:186-188 Ap-Je '88.
- Polevskiy, P.G. - Heat cycle of a direct current, superconductive, non-compressed magnetohydrodynamic generator. *Teplota. vys. temp.* 6 no.6:1108-1117 N-D '88.

- Rusanov, K.A. - Electric characteristics of linear induction magnetohydrodynamic machines taking the boundary effects into account. *Mag. gidr.* no.3:120-128 Ap-Je '88.
- Saltikov, M.V., Tikhonov, V.S. - Nonstationary problem of magnetohydrodynamics. Analog to the Serov method. *Vysnyy Kyiv. un. Ser. fiz. i khim. na. 6:73-77 '88.*
- Selezova, L.V. - Ionized gas flowing around a cylinder with oscillating surface. *Mag. gidr.* no.3:129-135 Ap-Je '88.
- Tokaly, V.L. - Nonstationary flow in a nonviscous magnetic boundary layer. *Mag. gidr.* no.3:165-170 Ap-Je '88.
- Vahuev, I.U.A. - Analysis of the results of optimization calculations for plane (linear) induction pumps. *Mag. gidr.* no.3:125-133 Ap-Je '88.
- Vasil'ev, A.R. - Magnetohydrodynamic flow in pipes with sudden expansion. *Mag. gidr.* no.3:147-148 Ap-Je '88.
- Vario, L.A., and others. - Transfer of foundry iron with the aid of an electromagnetic channel. *Mag. gidr.* no.3:164-168 Ap-Je '88.
- Khilim, V.G., Berman, M.L. - Heat transfer in turbulent flow of electroconductive liquid in a circular tube in a longitudinal magnetic field. *Teplota. vys. temp.* 6 no.6:1061-1065 N-D '88.

338.53 Electrical effects. Hall effect. Corbino effect

- Trifonov, P.M., Bulko, Zolov, V.A. - Measurement of nonstationary electromagnetic fields of ultrashort radio waves under industrial noise conditions. *Izv. vya. ucheb. sav. i prib.* 11 no.1:23-36 '88.
- Zharov, V.P., Andreev, A.A., Shalych, A.L. - Hall effect in V_2O_5 single crystals in the region of metal conductivity. *Fiz. tver. tela* 10 no.13:3674-3677 D '88.

338.7 Terrestrial magnetism

- Burkhaladze, S.P., Medvedev, T.B. - Dating on samples of the Chernyakhov culture by the archeomagnetic method. *Sov. arheol.* no.4:258-263 '88.
- Shapoval, B.I., Makivukh, O.F., Ponomareva, N.P. - Use of magnetic separation in interpreting the magnetic properties of rocks. *Geofiz. sbor.* no.3:74-79 '88.

339 Physical nature of matter

- Akhmedov, I.P. and others. - Photoeffect in semiconductors due to exciton generation. *Fiz. tver. tela* 10 no.4:674-681 Ap '88.
- Aksev, D. - Physical representation of the indestructibility of matter. *Izv. AN Turk. SSR. Ser. obshchestv. nauk* no.4:32-37 '88.
- Gross, E.F., Roelke, L.G., Shadrin, E.B. - Spectrum of exciton complexes in ZnO hexagonal single crystals. *Fiz. tver. tela* 10 no.4:1034-1048 Ap '88.
- Vorob'kov, V.P., Krylov, V.S. - Mass transfer in pulsed droplets. *Khimiya, fizika, khim. tekhnol.* no.3:11 '87.
- 339.1 Nuclear, atomic and molecular physics
- Belozorov, S.S., Medin, L.M. - Calculation of molecular refractions of alkali metals. *Zhur. strukt. khim.* 3 no.6:811-813 S-O '88.
- Deglaskh, M.S., Deglaskh, L.L., Zviadze, M.D. - Quantum statistical theory of exchange narrowing. *Fiz. tver. tela* 10 no.4:1224-1228 Ap '88.
- Dersukor, I.B., Ogurtsov, I.A. - Hyperfine interactions impurity centers and complexes with degenerated electron terms. *Fiz. tver. tela* 10 no.13:3661-3669 D '88.
- Nichurin, M.L., Kovalenko, E.R. - Effect of an external electric field on the hyperfine structure of the electron paramagnetic resonance spectrum of Mn^{2+} in CdSO_4 . *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no.6:229-230 R '88.
- Dez'iga, K.M., Bogdanov, V.I. - Effect of shallow capture levels on the kinetics of photodegradation currents in zinc sulfide single crystals. *Fiz. i tekhn. poluprov.* 3 no.1:127-130 Ja '88.
- Dzharzhishvili, L.L., Kefelava, G.D., Suradze, T.L. - Electron paramagnetic resonance spectrum and spin-lattice relaxation in irradiated polyethylene. *Fiz. tver. tela* 10 no.13:3715-3717 D '88.
- Glinitskiy, I.A., Rusanov, K.A. - Coherent amplification of spin waves in ferrites. *Fiz. tver. tela* 10 no.13:3622-3631 D '88.
- Gonov, V.H., San'ko, V.A. - Model of scattering on a fixed source with spin. *Vest. Mosk. un. Ser. 3 Fiz. i astr.* 23 no.6:94-97 N-D '88.
- Lavrent'ev, M.V., Lavrent'ev, I.U.P. - Vibrational and dissociative relaxation behind the shock wave. *Zhur. tekhn. fiz.* 38 no.6:1064-1063 Je '88.
- Khudo, V.M., Gromov, A.M. - Mechanical method for studying the kinetics of the diffusion of liquid polymers under compressive stress. *Math. poizn.* no.4:744-745 '87.
- Ravel, T. - Temperature dependence of cubic splitting of the electron paramagnetic resonance spectrum of Fe^{3+} in SrTiO_3 single crystals. *Fiz. tver. tela* 10 no.13:3744-3748 D '88.
- Shalagin, I.U.L., Volynov, M.P., Derkovich, B.P. - Electron paramagnetic resonance of a "parallel" pair of chromium ions in ruby. *Fiz. tver. tela* 10 no.13:3636-3639 D '88.
- Tsvirko, I.U.A. - Properties of coupled magnetostatic waves in magnetic materials without the center of inversion. *Fiz. tver. tela* 10 no.13:3634-3634 D '88.

532.1 (Continued)

Zevin, V. A., Shalina, B. D. - Equation of motion of macroscopic spin values for centers with $S = 1/2$. *Fiz. tverd. tela* 10 no 4 1173-1180 Ap '68.

532.164 Effects of radiation: physical, chemical, biological
Bilashur, O. V. - Study of mutations induced in the second generation by the joint action of ionizing radiation and chemical mutagens. *Trudy Khim. sel'khoz. inst.* 48 112-123 '68.

Bochkov, M. P., Serezhnev, A. V., Timofeev-Bessmertki, M. V. - Basic problems of radiation cytogenetics in man. *Med. rad.* 13 no. 11:79-88 N '68.

Borovskii, M. L. - Raising labeled phosphorus in female inflorescences of corn. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Botak, B. M., Krupenka, K. A. - Use of labeled atoms in studying dissemination of corn pollen. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Chalyk, T. S., Longa, E. G. - Self-pollinated lines of corn produced from irradiated seeds and their use in hybridization. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Domshlak, M. P., and others. - Late sequelae of the irradiation of the diaphanous in man. *Med. rad.* 13 no. 11: 10-24 N '68.

Dezhnevskaya, G. E., Bergstein, A. G. - Role of the adrenal glands in disorders of electrolyte metabolism in experimental radiation disease. *Trudy Akad. - Akad. gos. med. inst.* 23:202-203 '68.

Generozova, V. V., Valneva, B. A., Lavchenko, M. P. - Radiation induced transformations and destructive parameters of polystyrene films with addition of luminescent dyes. *Khimiya, energ.* 3 no. 1:94-95 Ja '68.

Ivanov, S. G., Shvetitskii, M. A., Krupenka, K. A. - Primary joint action of chemical mutagens and ^{60}Co gamma-rays on chick pea and barley. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Kamal'skii, O. K. - Effect of radiation sickness and cortisone on the course of caesarean. *Trudy GDUV* no. 4:188-190 '64.

Kimovskaya, V. M. - Treatment of recurring skin cancer. *Klin. khir.* no. 11:47-53 N '68.

Klimovich, B. D. - Protein content of the blood serum in rats during irradiation at late periods following irradiation. *Bull. eksp. Mol. i med.* 67 no. 1:30-33 Ja '68.

Klinchikov, K. B., Mikhalek, V. K. - Study of irradiated polymers by optical spectroscopy and ESR. *Khimiya, energ.* 3 no. 1:45-57 Ja '68.

Korolev, O. K., Shvetitskii, M. G., Trushin, A. V. - Distribution of ^{131}I in the body following intratracheal introduction, and the morphological changes in the thyroid gland. *Med. rad.* 13 no. 11:52-64 N '68.

Kravchenko, A. K., Kuleva, L. A. - Primary effect of high doses of gamma-radiation and of certain chemical mutagens on the morphological characters of corn. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Kras'ina, V. M. - Accretion of a bone heterotransplant under the effect of local X irradiation. *Trudy Akad. - Akad. gos. med. inst.* 23:193-201 '68.

Lapina, R. - Calculation of absorbed radiation doses in intravenous introduction of colloidal Au^{198} solution. *Khimiya, energ.* 3 no. 1:107-108 '68.

Lyalkov, V. M. - Study of new initial material for selection of corn produced by ionizing irradiation of the pollen. *Trudy Khim. sel'khoz. inst.* 47 no. 1:94-98 '64.

Lyalkov, V. M., Bilashur, O. V. - Effect of chemical mutagens and ionizing radiation on corn strains during a year of experimentation. *Trudy Khim. sel'khoz. inst.* 47 no. 1:84-86 '64.

Lyalkov, V. M., Kuznetsov, A. I. - First experiment of studying chromosome rearrangements in chemical and radiation-induced corn mutants. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Lyalkov, V. M., Kravchenko, A. K. - Study of the effect of gamma-rays on certain forms of corn. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Lyalkov, V. M., Krupenka, K. A. - Radiobiological laboratory at Kharkov Agricultural Institute and special features of its equipment and operations. *Trudy Khim. sel'khoz. inst.* 47 no. 1:15-18 '64.

Lyalkov, V. M., Machukha, V. I. - Table aerolizer for laboratory research. *Trudy Khim. sel'khoz. inst.* 47 no. 1:84-85 '64.

Lyalkov, V. M., Prokhor, B. P. - Study of the effect of gamma-rays and chemical mutagens on winter grain crops during the year of irradiation. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Moroz, B. B., Pashchenko, M. M. - Changes in the binding capacity of the corticosteroid-binding blood plasma globulin in acute radiation sickness. *Bull. eksp. Mol. i med.* 67 no. 1:28-30 Ja '68.

Murphy, A. M., Lurie, R. G., Boragin, P. P. - Use of the microwave method in studying the charge states of iron in some cobalt compounds. *Fiz. tverd. tela* 10 no. 4:1254-1256 Ap '68.

Muravskii, D. I. - Effect of long-wave X rays on the permeability of the horny layer of the skin in chronic eczema and limited neurodermatitis. *Vrach. delo.* no. 1: 184-185 Ja '69.

Nikol'skii, L. I. - Study of hygienic radioprotective conditions in a radiobiological laboratory located in a properly adapted installation. *Trudy Khim. sel'khoz. inst.* 47 no. 1:92-93 '64.

Nikola, V. M. - Use of infrared and ultraviolet irradiation in raising seedling plants during unfavorable times of the year. *Boon. maslo, trad. Velogod. gos. sel'khoz. opyt. stan.* no. 5:440-448 '67.

Novik, K. A., Kalkreuth, L. A. - Myoglobin and morphological changes in some tissues in dogs under a single general X irradiation. *Trudy Akad. - Akad. gos. med. inst.* 23:204-205 '68.

Prasolova, R. M. - Effect of acute X irradiation on the agglutination reaction in animals vaccinated against whooping cough. *Trudy Akad. - Akad. gos. med. inst.* 23:204-205 '68.

Reiter, I. T., Gavrilov, Y. F., Shashurin, G. A. - Accumulation of color centers in ZnS single crystals under the action of fast neutrons. *Fiz. tverd. tela* 10 no. 4:1257-1258 Ap '68.

Shchegolev, V. L. - Biological effect of high energy bremsstrahlung in radiotherapy. *Med. rad.* 13 no. 11: 84-88 N '68.

Shiffr, I. V. - Effect of single and fractional irradiation on normal and tumor tissues with similar mitotic activity. *Bull. eksp. Mol. i med.* 67 no. 1:46-48 Ja '68.

Shchegolev, V. L., Pavlovskii, T. K., Pashchuk, A. G. - Formation of imidazole and its derivatives by the action of ultraviolet rays on solutions of formaldehyde and succinylated salts. *Zhur. evrol. biokhimi.* 1:101, 2 no. 4:223-224 Ji-Ag '68.

Shchegolev, V. L. - Symposium on "Problems of postirradiation regeneration following radiation influences." *Med. rad.* 13 no. 11:81 N '68.

Shchegolev, V. L. - Corn growth stimulation in Moldavia by preirradiation of the seeds with X- γ and gamma rays. *Trudy Khim. sel'khoz. inst.* 47 no. 1: 14-21 '64.

Shchegolev, V. L. - Effect of preirradiation of seeds on germination of self-pollinated strains of corn. *Trudy Khim. sel'khoz. inst.* 48 132-133 '68.

Shchegolev, V. L. - Effect of preirradiation of seeds on phosphorus absorption by corn. *Trudy Khim. sel'khoz. inst.* 47 no. 1:24-25 '64.

Shchegolev, V. L. - Effect of preirradiation on the process of seed germination. *Trudy Khim. sel'khoz. inst.* 47 no. 1:26-27 '64.

Shchegolev, V. M. - Late radiation injuries following radiotherapy of skin cancer. *Khimiya, energ.* 3 no. 2:117-120 '68.

Shchegolev, V. M. - Electric shock at the initial stage of radiation sickness. *Trudy Akad. - Akad. gos. med. inst.* 23:177-181 '68.

Shchegolev, V. M., and others. - Symposium on electronic devices of nuclear spectroscopy. *Atom. energ.* 25 no. 6:413-444 D '68.

Shchegolev, V. M., and others. - Methods for the automation of physical measurements using magnetic beta-ray spectrometers. (Review). *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:43-40 My-Ag '68.

Shchegolev, V. M., and others. - A modernized high-resolution nuclear magnetic resonance spectrometer developed by the Central Laboratory of Atomization. *Khimiya, energ.* 3 no. 2:113 '68.

Shchegolev, V. M., and others. - Neutron-beam detectors with CdS single-crystal base. *Poluprov. tverd. tel.* no. 2:4-13 '67.

Shchegolev, V. M., and others. - Vacuum system for the "Pirita" accelerator. *Khimiya, energ.* 3 no. 2:113-114 '68.

532.11 Atomic structure of matter
Urosov, V. B. - Effect parameters of electron shells of atoms and ions. *Khimiya, energ.* 3 no. 4:137-147 Ji-Ag '68.

532.12 Elementary and simple particles
Abrikosov, I. A., Belikov, V. S., Tikhov, A. I. - Ion-electron emission, formation, and annihilation of radiation defects in the case of gamma-ray bombardment by x-ray ions. *Fiz. tverd. tela* 10 no. 12:3798-3799 D '68.

Akhmedov, I. A., Belikov, D. P. - Fluorescence and scattering of slow neutrons and electrostatic waves in ferromagnetic materials with small magnetic anisotropy. *Fiz. tverd. tela* 10 no. 12:3871-3872 D '68.

Amelicheva, B. S., Krasavskii, A. P. - Identification of singly and doubly charged particles using the δ -electron method. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-46 My-Ag '68.

Arifov, U. A., Rakhimov, R. K., Dzhurabekov, Kh. - Potential and kinetic emission of electrons from the (110) and (111) faces of Mo single crystals. *Fiz. tverd. tela* 10 no. 4:1186-1172 Ap '68.

Baidakov, A., Baidakov, A. A. - Calculating the duration of rotational relaxation in H_2 . *Prin. ul'trasvetl. khim. i spekt.* no. 11:247-252 '62.

Botvin, V. A., Tikhov, Kh. S., Shchegolev, V. V. - Study of weak interactions of 3 GeV/e antiprotons with neutrons. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:78-73 My-Ag '68.

Braginskii, V. B., Korotkiy, L. S., Polozkov, S. S. - Determining the upper prevalence limit of quark by means of a resonant electromagnetic interaction. *Vest. Mosk. univ.* 3:1, astron. 23 no. 6:116-117 N '68.

Broder, D. L., and others. - Transmission of fast neutrons and γ -radiation through rectangular empty slots. *Atom. energ.* 25 no. 6:617-618 D '68.

Chuklov, V. M. - Movement of electrons in a one-dimensional field of double periodicity. *Boon. maslo, trad. Velogod. gos. sel'khoz. opyt. stan.* 3 no. 3:113-118 My '68.

Corodetaki, S. M., and others. - Effect of electron bombardment of some parameters of silicon cells. *Fiz. tverd. tela* 10 no. 4:1258-1259 Ap '68.

Heikkinen, J. - Effect of electron bombardment on the emission of ^{137}Ba and ^{137}Cs isotopes with photoemission model. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Ivanov, A. N., Pavlovskii, M. V. - Stability of nuclei and tungsten in evaluating the relative efficiency of fast neutron flux in a reactor. *Atom. energ.* 25 no. 6:616-617 D '68.

Kilger, M. L. - Jumping transfer in a disordered Ti . *Dokl. AN SSSR* 183 no. 2:121-124 '68.

Kobayashi, V. A., Tikhov, Kh. S., Shchegolev, V. V. - Effect of a cascade process on the yield of simple isotopes of helium in the interaction between He atoms and photoionization nuclei. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Kostanavskii, M. L., Lashchinskii, G. I., Shchegolev, V. L. - Yield of slow π -mesons from meson decay. *Boon. maslo, trad. Velogod. gos. sel'khoz. opyt. stan.* 3 no. 3:113-118 My '68.

Kozlov, A. G., and others. - Pu^{239} and Pu^{241} isotopes. *Atom. energ.* 25 no. 6:614-616 D '68.

Koz'menko, P. P. - Effective cross section of electron scattering on disordered spins in ferromagnetic and Ni. *Vysok. Kyiv. univ. Ser. fiz. i khim. nauk* 13 '68.

Pytkin, V. L., Rysakova, L. V. - Energy spectra of boron in silicon carbide. *Fiz. tverd. tela* 10 no. 4:1257-1258 Ap '68.

Powell, S. P. - From the history of the discovery of π - and K -mesons. *Phys. rev.* no. 11:1-21 '61.

Rumyantsev, G. I., Dmitriev, V. S. - Studying the accuracy of He -approximation in a problem of electron diffusion in a medium with energy spread. *Atom. energ.* 25 no. 6:616-618 D '68.

Shchegolev, V. M. - Particle-like solutions in conical Klein-Gordon equations. *Vest. Mosk. univ. Ser. fiz. i astron.* 23 no. 6:101-106 N-D '68.

532.13 Electrons (Beta-particles), positrons
Uremskii, V. A. - Calculation of structural synthesis signs and values for electron density as a function of X and Y rays. *Khimiya, energ.* 3 no. 2:113-114 '68.

Uremskii, V. A. - Effect of the electron density on the electric conductivity of electrons in semiconductors. *Vysok. Kyiv. univ. Ser. fiz. i khim. nauk* 13 '68.

Uremskii, V. A., and others. - Temperature dependence of the length of electron free path in Pb and PbO . *Khimiya, energ.* 3 no. 2:113-114 '68.

532.14 Nuclear forces, nucleons, etc.
Iogachov, V. I., and others. - Nuclear magnetic resonance in lithium niobate crystals. *Fiz. tverd. tela* 10 no. 4:1258-1259 Ap '68.

532.15 Radioactivity and decay
Bashin, G. V., Ilyin, M. V., Gritchenko, Z. G. - Accumulation of natural artificial radioisotopes in algae and plankton in the ocean. *Khimiya, energ.* 3 no. 2:113-114 '68.

Ilyin, M. V., and others. - Polymorphism of the core and origin of artificial radioisotopes in the atmosphere. *Khimiya, energ.* 3 no. 2:113-114 '68.

Golodov, I. I., Gritchenko, M. G., Drapchuk, L. I. - Distribution of He^3 in the atmosphere over the sea. *Khimiya, energ.* 3 no. 2:113-114 '68.

Gritchenko, Z. G., and others. - Observation of the distribution of artificial radioisotopes over the sea. *Khimiya, energ.* 3 no. 2:113-114 '68.

Krylov, A. A. - Radioactivity of bottom sediments and on expedition data. *Khimiya, energ.* 3 no. 2:113-114 '68.

Vorob'ev, M. A., Krasavskii, A. P., Krasavskii, M. A. - Formation rate reduction of radiation defects in polymers due to heat treatment. *Fiz. tverd. tela* 10 no. 4:1258-1259 Ap '68.

532.17 Nuclear reactions
Baidakov, I. A., Pirogov, S. P. - Recording of primary short-lived radicals in solutions in silicon photoresist. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Dods, E. G., Orlovskii, G. I. A. - A criterion of the selection of nucleon-nucleon events in a nuclear collision. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Bozhov, I. I., Glogovskii, N. P. - Quantum statistical theory of the Overhauser transverse effect. *Fiz. tverd. tela* 10 no. 4:1258-1259 Ap '68.

Doobedov, A. G., and others. - Radiative capture of sections of 0.3-3 Mev. neutrons by Te^{125} and Te^{127} . *Atom. energ.* 25 no. 6:614-616 D '68.

Takhteev, Kh. S., Tikhov, Kh. S., Shchegolev, V. V. - Genesis of high-energy fragments under the action of 7.8 GeV. π -mesons. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Uremskii, V. V. - Direct interactions in reactions with stable nuclei in a highly excited state. *Izv. AN Kazakh. SSR. Ser. fiz. - mat. nauk* 3 no. 3:41-40 My-Ag '68.

Vasil'kov, R. G., and others. - Neutron fields and fast neutron fluxes in the system lead - water subjected to high-energy proton bombardment. *Atom. energ.* 25 no. 6:614-616 D '68.

338.17 (Continued)

Kalka, O.G., and others. - Cross sections of fast neutron radiative capture by Co^{59} , Co^{60} , and W^{186} isotopes. *Atom. energ.* 25 no. 6:528-537 D '68.

338.173 Fusion

Kruglovskiy, S.I., Smirnovskiy, G.M. - Fusion cross sections of D^{235} by fast neutrons. *Atom. energ.* 25 no. 6:517-528 D '68.
Kruglovskiy, S.I., Smirnovskiy, G.M., Tarakina, I.U.M. - Mean number of instantaneous neutrons at spontaneous D^{235} fusion. *Atom. energ.* 25 no. 6:530-531 D '68.

338.18 Physics of single atoms

Kislov, I.K., Spiridonov, A.M., Tyukhtskiy, I.S. - Saturation phenomena of active transitions in Ar II. *Zhur. prikl. spekt.* 6 no. 1:77-81 JI '68.
Kislov, I.K., Spiridonov, A.M., Tyukhtskiy, I.S. - Measuring the temperature of plasma of pulse discharges in deuterium according to its self-reversed spectrum lines. *Izv. SO AN SSSR* no. 3:6-10 F '68.
Kislovskiy, A. - Statistical sums and distribution of atoms and ions by electron states. *Toplofiz. vyz. temp.* 5 no. 6:988-994 M-D '68.
Kislovskiy, A., Zhelezov, S.F., Petukhov, G.G. - Study of the reactions of organometallic compounds with isopropyl alcohol by isotopic and mass-spectrometric methods. *Zhur. ob. khim.* 28 no. 12:2706-2718 D '68.
Kislovskiy, A., Kanda, A.V., Ivanova, S.P. - Radiation spectrum of finite-thickness hydrogen plasma. *Izv. SO AN SSSR* no. 3:2-5 F '68.
Kislovskiy, I.M. - Study of the composition and distribution of electrons and ions temperature across a plasma jet beyond a cutoff of a pulsed electromagnetic accelerator. *Izv. SO AN SSSR* no. 3:23-25 F '68.
Kislovskiy, A.V., and others. - Determining electron concentration in an arc discharge plasma. *Izv. SO AN SSSR* no. 3:32-34 F '68.
Kislovskiy, M.G. - Theory of spectral line contour in conditions of reabsorption. *Izv. SO AN SSSR* no. 3:14-18 F '68.
Kislovskiy, M.G., Shaparev, M.A. - Effect of reabsorption on the ionization process of plasma. *Izv. SO AN SSSR* no. 3:28-32 F '68.
Kislovskiy, M.G., Shaparev, M.A. - Kinetics of excited atoms in an optically dense plasma. *Izv. SO AN SSSR* no. 3:10-15 F '68.
Kislovskiy, M.G., Tanbovtsov, B.Y., Shaparev, M.A. - Effect of the electron energy distribution function on the shape and intensity of the spectral line. *Izv. SO AN SSSR* no. 3:28-30 F '68.
Kislovskiy, V.I., Popov, A.K. - Stimulating atomic radiation in concurrent transitions. *Izv. SO AN SSSR* no. 3:14-20 F '68.
Kislovskiy, E.M. - Quasi-steady states in a collisional potential well. *Dokl. AN SSSR* 183 no. 3:338-339 '68.
Kislovskiy, V.K., Terpigova, M.S. - Diagnosis of strongly inhomogeneous sources of low-temperature plasma according to asymmetrical spectral lines. *Izv. SO AN SSSR* no. 3:10-13 F '68.
Kislovskiy, M.S. - Statistical processing of a spectral line contour and possibilities of diagnosing plasma. *Izv. SO AN SSSR* no. 3:30-32 F '68.
Kislovskiy, L.A., Minakova, L.A. - State $3p^2$, $3p^3$, $3p^4$ of Fe atoms. Part 3: Oscillator strength and conditions across sections with electrostatic impact. *Zhur. prikl. spekt.* 6 no. 1:188-190 JI '68.
Kislovskiy, A.A., Kolesnikov, R.A. - Method of estimating electron mass according to states and electron heat capacities of atoms. *Toplofiz. vyz. temp.* 5 no. 6:998-1004 M-D '68.
Kislovskiy, I.A. - Effect of sodium on the distribution of atoms of alkali earth elements in a discharge. *Izv. SO AN SSSR* no. 3:24-26 F '68.

338.19 Physics of single molecules

Artyuk, R.L. - Thermodynamic properties of molecular hydrogen in the ideal gas state. *Toplofiz. vyz. temp.* 5 no. 6:1018-1019 M-D '68.
Bershteyn, L.B. - Internal asymmetry in complex molecules. Report No. 4 (Strong field, molecular orbitals method). *Zhur. strukt. khim.* 3 no. 6:643-648 S-O '68.
Freimanis, J., Lebedeva, O.L. - Solubility and association of some organic semiconductors. *Zhur. ob. khim.* 28 no. 12:2801-2806 D '68.
Makarovskiy, M.P., Filatov, M.I. - Additional aerodynamic forces and moments acting upon a solid of revolution twisted in relation to the axis of symmetry in a free molecule flow. *Gidrosammet. i aer. vpr.* no. 6:17-23 '67.
Kovalev, A.G., and others. - Emission spectra of some molecular gases, excited by fast electrons, in the infrared region of spectrum. *Astron. zhur.* 45 no. 6:1272-1275 '68.
Laksh, E.S., Sazonov, O.I.A. - Interaction of ions in aqueous solutions with nearest water molecules. *Zhur. strukt. khim.* 3 no. 4:480-488 JI-Ag '68.
Mikh, I.A., Mikh, L.M., Pankin, I.U.A. - Algorithm of matrix formation for kinetic coefficients of molecules. *Zhur. prikl. spekt.* 9 no. 1:113-115 JI '68.
Pankin, V.A. - Absence of electrostatic interaction through the core of a molecule. *Reakts. spets. org. soed.* 5 no. 3:543-550 O '68.
Rabinov, A.B., Spiridonov, L.M. - Vibrational spectra and conformational equilibrium of trans-1, 3-dibromocyclohexanes. *Zhur. prikl. spekt.* 9 no. 1:113-115 JI '68.
Said, S.M., Danilova, M.K. - Nucleophilic substitution in the aromatic series. Part 37: Kinetics of reactions of 3,4-dibromobenzyl and 3,4-dibromomethylphenyl chlorobenzene with piperidine and benzene. *Zhur. org. khim.* 4 no. 11:1940-1947 M '68.

Said, S.M., Danilova, M.K. - Nucleophilic substitution in the aromatic series. Part 36: Kinetics of reactions of 3,4-dibromobenzyl chlorobenzene with piperidine and morpholine in methyl alcohol and benzene. *Zhur. org. khim.* 4 no. 11:1947-1953 M '68.

338.2 Properties and structure of molecular and macromolecular systems

Avdonin, R.L., Strashkov, I.U.T. - Determination of the chemical structure formula of 2,4-diaminotetraphenyl by X-ray diffraction. *Zhur. strukt. khim.* 3 no. 6:645-648 S-O '68.
Bokov, V.A., and others. - Magnetic properties and crystal structure of Mg_2SiO_4 - MgFe_2O_4 solid solutions. *Fiz. tverd. tela* 10 no. 4:1080-1084 Ap '68.
Geguzin, I.A.K., Bohmshil, V.I. - Viscosity breakdown in alkali halide crystals in conditions of self-diffusion. *Fiz. tverd. tela* 10 no. 12:2670-2672 D '68.
Gerasimova, L. - Connection between internal stresses and the structure of polymers. *Mekh. polim. [Riga]* no. 6:843-848 S-O '68.
Gerasimova, L., Kripshchik, P.L., Kuznetsov, M.B. - Crystalline structures of ternary compounds with a low content of silicon in the systems Cr - Ni - Si and Cr - Co - Si. *Zhur. strukt. khim.* 3 no. 4:424-433 JI-Ag '68.
Grigorovich, K.L., Samoilov, O.A. - Stabilization of water structure by nonelectrolyte molecules and solubility. *Zhur. strukt. khim.* 3 no. 4:444-446 JI-Ag '68.
Guseyn, V.I., Kasimovskaya, K.B., Tal'roza, V.L. - Radiation-induced electroconductivity of polymers at high electric field intensities. *Khim. vyz. energ.* 3 no. 1:43-44 Ja-F '69.
Igola, L.A. - Effect of external pressure on the structure and properties of polymers. *Vysokom. soed. Ser. A* 10 no. 12:2712-2725 D '68.
Kofa, L.S., Erokhin, A.A. - Increasing the resistance to pore formation in welding with powder wire. *Aviom. svyaz.* 31 no. 1:166 M '68.
Kislovskiy, E.M., Kuznetsov, R.N., Chachibiani, L.O. - Molecular spectra of MgSiO_3 , SiO_2 compounds. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:87-90 M-D '68.
Kislovskiy, V.D. - Theory of optical absorption by free charge carriers in semiconductors. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:78-86 M-D '68.
Kortakina, M.I., and others. - Change in mechanical properties of coatings under the effect of structural transformations proceeding in amorphous polymeric films. *Mekh. polim. [Riga]* no. 6:771-778 S-O '68.
Krasov, G.A. - Thermodynamic characteristics of structural changes in certain nonequilibrium systems in solution of monomeric ions. *Zhur. strukt. khim.* 3 no. 6:643-648 S-O '68.
Makhar, I.U.B. - Lateral method for obtaining porosity curves of porous bodies. *Koll. zhur.* 30 no. 6:908-918 M-D '68.
Mikhailov, M.V. - Structural polymerization of rigid chain polymers. *Vysokom. soed. Ser. A* 10 no. 12:2703-2712 D '68.
Oshchikov, M.S., and others. - Shrinkage stresses and deformations of condensed structures of cellulose acetate. *Systemat. obzhor. soed. Ser. A* 10 no. 6:776-783 S-O '68.
Prokhorov, V.I. - Role of H_2O supermolecular structure in the morphology of fracture and its features introduced by mode of loading. *Mekh. polim. [Riga]* no. 6:776-783 S-O '68.
Pugachev, A.T., Bokov, B.T. - Precise determination of the lattice constant in an electron diffraction study. *Zav. lab.* 34 no. 10:1201-1203 '68.
Pukhtskiy, Kh.I. - Spin waves and local spin states in crystals with two-dimensional (plane) defects. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:3-6 M-D '68.
Rabinov, G.M., and others. - Determining the phase boundaries of state diagrams of systems V - Cu and Mo - Al using the method of diffusion layers with application of local X-ray diffraction analysis. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 23 no. 6:104-109 M-D '68.
Shakunov, V.V., Spirak, G.V. - Microscopic diffraction examination of the domain structure of bismuth titanate films. *Fiz. tverd. tela* 10 no. 4:1018-1021 Ap '68.
Sidorovskiy, A.T., and others. - Studying the magnetic properties of some magnetically ordered fluorides in a strong pulsed magnetic field. *Fiz. tverd. tela* 10 no. 12:2608-2614 D '68.
Vlasov, A.I.A., Trunov, V.V. - Spread of the range of absorbed and reflected electrons in thin solid films. *Radiotekh. i elektron.* 13 no. 12:2308-2315 D '68.
Vysotskiy, D.M. - Determination of relative probabilities of cross relaxation in a ruby using inversion factor coefficient values. *Radiotekh. i elektron.* 13 no. 12:2318-2324 D '68.

338.23 Deposition of thin films

Barkshchikov, B.U. - Photoelectric properties of AgBr films and other silver halides. *Fiz. tverd. tela* 10 no. 12:2608-2614 D '68.
Bokov, B.T., Pugachev, A.T., Brachykhin, V.M. - Melting of condensed indium films of submicron thickness. *Fiz. tverd. tela* 10 no. 12:2607-2610 D '68.
Gerasimova, L.A., and others. - Use of the ion bombardment method for the preparation of thin layers of compound semiconductors. *Fiz. tverd. tela* 10 no. 12:2611-2617 Ja '68.
Kislovskiy, O.P., Shchegolev, M.I., Makhar, I.U.B. - Diffusion in recrystallized silicon layers. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1848-1844 M '68.
Kislovskiy, M.M., Makhar, I.U.B. - Formation of the ultra-thin films of aluminum hydroxide at the solid-air interface. *Koll. zhur.* 34 no. 6:837-839 M-D '68.

Kolopyrin, V.M., and others. - Preparation of thin films of bis-(methylallyl)-bis-(dimethylsilyl)oxane by means of electron bombardment. *Khim. vyz. energ.* 3 no. 1:71-72 Ja-F '69.

Korot, V.F., and others. - Condensation of ZnO oriented layers alloyed by carbon. *Radiotekh. i elektron.* 13 no. 12:2318-2324 D '68.

Laksh, V.M. - Oscillations of the resistivity of bismuth films during deformation. *Fiz. v. rad. Zhur. eksp. i teor. fiz.* 8 no. 6:231-233 S '68.

Laksh, V.M., Fesenko, E.P. - Some possibilities of studying the structure of electron spectra by means of quantum size effect. *Fiz. tverd. tela* 10 no. 12:2601-2603 D '68.

Rapin, V.A., Aleksandrov, I.T., Oborotov, A.V. - Diffusion in Al-SiO₂ films. *Fiz. tverd. tela* 10 no. 4:1046-1048 Ap '68.

Tilov, A.A. - Analysis of mass transfer process in thin films. *Mosk. prot. khim. tekhnol.* no. 3:21-23 '67.

338.3 Mechanical properties of solids. Elasticity. Plasticity

Aare, J. - Design of sheet-metal beams. *Trudy TPI. Ser. A* no. 28:38-45 '68.
Aare, J. - Investigating postbuckling behavior of end web panels of a sheet-metal beam. *Trudy TPI. Ser. A* no. 28:46-53 '68.
Aare, J. - Studying behavior of the wall of a sheet-metal beam after buckling. *Trudy TPI. Ser. A* no. 28:54-61 '68.
Aare, J., Idmura, S. - Design of deep sheet-metal beams. *Trudy TPI. Ser. A* no. 28:62-69 '68.
Aare, J., Idmura, S. - Investigating the postbuckling behavior of the wall of a sheet-metal beam subjected to shear and bending stresses. *Trudy TPI. Ser. A* no. 28:70-77 '68.
Alpola, L.A. - Variational principles for dynamic problems in nonlinear elasticity theory. *Prikl. mekh.* 4 no. 11:38-40 '68.
Bartenev, G.M., and others. - Study of the lubricating action of greases when rubber is sliding over metal surface in the high temperature range. *Mekh. polim. [Riga]* no. 6:878-880 S-O '68.
Bashenov, V.A., Zarditskiy, V.A. - Annular stresses in cylindrical shells reinforced by longitudinal ribs. *Prikl. mekh.* 4 no. 11:38-40 '68.
Bogdanovskiy, V.M., Tilov, V.P. - Calculation of seasonal temperature fluctuations in massive hydramic structures. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 11 no. 3:110-114 '68.
Bokov, V.V., Stalaya, M.M. - Local buckling of compressed elements from laminated viscoelastic materials. *Mekh. polim. [Riga]* no. 6:881-881 S-O '68.
Bokov, V.V., Stalaya, M.M. - Stability and vibrations of nonlinearly elastic beams in a magnetic field. *Prikl. mekh.* 4 no. 11:41-43 '68.
Borodulin, A.M. - Equilibrium of a two-layer elastic half-space under the action of tangential forces uniformly distributed over a rectangular surface. *Trudy LTA* no. 109:64-69 '67.
Borodulin, A.M. - Equilibrium of a two-layer transversely isotropic elastic half-space under the action of surface forces. (Three-dimensional problem). *Trudy LTA* no. 109:70-74 '67.
Braginskii, M.I. - Equilibrium of a disk of a variable cross section under arbitrary load. *Trudy LTA* no. 108:78-84 '67.
Chaplinskiy, I.A. - Diagrams of plastic deformation. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 11 no. 3:115-116 '68.
Chernov, M.L., Kadriyev, S.D. - Microplastic deformations of thin-walled rods under movable loads. *Prikl. mekh.* 4 no. 11:73-78 '68.
Dolgopolkov, V.V., Savostianov, V.M. - Determining the effect of seasonal fluctuations of outside temperature on stressed state and shifts of massive hydramic structures. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 11 no. 3:117-117 '68.
Dolynskiy, F.V. - Determining strains in beam shuffles by the method of photoelasticity. *Lek. prom.* 9 no. 6:10-12 S-O '68.
Dobrovolskiy, V.F. - On the theory of disk extruders. *Khim. mashinost.* no. 7:41-43 '68.
Dymnikov, S.L., Larende, E. - An approximate method of problem solution of the theory of elasticity for incompressible material in the case of large deformations. *Mekh. polim. [Riga]* no. 6:882-883 '67.
Germel', A., Lashchenko, V.A. - Relation between rheological characteristics of tetrafluoroethylene polymer determined in different conditions of loading and temperatures. *Mekh. polim. [Riga]* no. 6:884-884 '67.
Germel', A.A., Lashchenko, V.A., Lipovskiy, V.I.A. - Dependence of the rheological characteristics of filled polypropylenes on the amount of filling, conditions of loading and temperature. *Mekh. polim. [Riga]* no. 6:885-885 S-O '68.
Gillav, I.U.V. - Geometric characteristics of nonplane sections. *Izv. vyz. ucheb. zav. i stroit. i arkh.* 11 no. 3:118-118 '68.
Gol'dman, A.I.A., Savostianov, V.M., Spirak, G.V. - Study of the mechanical properties of glass reinforced elastoplastics under tension and compression normally to the reinforcement plane. *Mekh. polim. [Riga]* no. 6:886-886 S-O '68.
Grebner, M.B. - Errors in the semiempirical theory of shells. *Zhur. tekh. fiz.* no. 38:1188-1188 '68.
Grisheva, M.I.A., Lashchenko, V.A., Kozlov, P.V. - Mechanical properties of plasticized film-forming agents based on chlorinated polymers. *Mekh. polim. [Riga]* no. 6:887-887 S-O '68.
Grisheva, M.I.A., Lashchenko, V.A., Kozlov, P.V. - Use of an electronic digital computer in solving problems involving the asymmetrical stressed state of systems of shells of revolution. *Prikl. mekh.* 4 no. 11:39-39 '68.
Grisheva, M.I.A. - Potential energy of the deformation of polymer molecular in nonlinear approximation. *Mekh. polim. [Riga]* no. 6:888-888 '67.

652.3 (Continued)

- Gus' A. N., Tsurpal, I. A. - Solution of two-dimensional problems in elasticity theory for multiple connected regions. *Prkl. mekh.* 4 no. 11:41-42 '68.
- Kadishchik, I. U. L., Norozhilov, V. V. - Calculation of microstresses in the theory of elasticity. *Mekh. tr.* 4 no. 3:62-61 My-Je '68.
- Kaminskii, A. A. - Kinetics of crack propagation in polymer materials. *Prkl. mekh.* 4 no. 11:87-94 '68.
- Laplan, I. U. - Vibrations of cylindrical shells, allowance made for contour deformations. *Prkl. mekh.* 4 no. 11:57-64 '68.
- Lit'vinskii, F. V. - Theory of collisions of elastic bodies involving thermoelastic effects. *Prkl. mekh.* 4 no. 11:101-106 '68.
- Kozlov, I., Kragers, A. - Analysis of possible combinations of local stresses in the theory of stress localization. *Mekh. polim.* no. 4:636-644 '67.
- Koshinov, I. U. P. - Equilibrium in a plane problem on the theory of elasticity for rectangular plates of variable thickness reinforced by ribs. *Aviats. i kosm. soor.* no. 1:13-16 '68.
- Kol'chenko, A. V., Osetchuk, E. P. - Measuring contact pressure in elast-elastic contacts. *Or. i stroit. i dor. mekh.* no. 3:178-183 '68.
- Kolman, M. A. - Separation of the main part of hereditary functions of influence for description of relaxation processes in the initial period. *Mekh. polim.* no. 4:625-632 '67.
- Kozhakov, K. Kh. - Equations describing the elastic stability of thin anisotropic plates with allowance for transverse shifts. *Izv. AN Kazakh SSR, Ser. fiz.-mat. n.* no. 5:54-57 S-O '68.
- Krasnolov, L. A., Kolesnikov, M. P. - Stress-strain calculation in shaping sheets of double curvature. *Vest. mashinost.* 48 no. 10:83-84 M '68.
- Kurov, I. E. - Effect of admissible tolerances in dimensions of disc springs on their elastic properties. *Stroit. i mekh.* 33 no. 11:20-22 M '68.
- Letten, S. D. - Proper motion and critical parameters of elastic under nonconservative load. *Prkl. mekh.* 4 no. 11:89-94 '68.
- L'vov, A. V. - Stressed state of thick three-layer ring-shaped and circular disks. *Trudy LTA no. 100:67-78 '67.*
- Mil'ner, L. K. - Compression of orthotropic prism. *Mekh. polim. (Riga)* no. 5:810-815 S-O '68.
- Molchanov, L. M., Marbow, A. P. - Using heat balance equation for determining the yield of internal beam stresses induced in a shaft by cyclic overload. *Izv. vuzov, mekh. i stroit. i dor. mekh.* II no. 3:107-110 '68.
- Nesimovskii, I. U. V. - Weight estimates of optimum plastic constructions. *Mekh. tr.* 4 no. 4:104-112 J1-Ag '68.
- Nikol'skii, V. K. - Monochromatic waves in an elastic medium with local imperfections of dry friction. *Mekh. tr.* 4 no. 4:105-112 J1-Ag '68.
- Paltova, V. V. - Plane problem for an infinite strip weakened by a slit. *Gidromekhan. i teor. sprag.* no. 3:84-89 '67.
- Ponkratov, V. N., Krash, I., Byrd, V. - Definition of parameters of the fractional exponential model during relaxation of damping rubber in shear. *Mekh. polim. (Riga)* no. 5:829-831 S-O '68.
- Prokhorovskii, L. M. - Elastic stability of multilayer orthotropic circular shells. *Prkl. mekh.* 4 no. 11:9-10 '68.
- Proskov, A. P. - Plastic stresses of elastic three-layered shells at high temperatures. *Prkl. mekh.* 4 no. 11:1-2 '68.
- Putan, A., Urzhumtsev, I. U. S. - Thermal creep of polyethylene under cyclic temperature effect. Part I: Uniaxial tension. *Methods of tests and experimental data.* *Mekh. polim.* no. 4:676-686 '67.
- Rappoport, R. M. - Equilibrium of a half-space composed of strain inhomogeneous with depth. *Trudy LTA no. 100:42-53 '67.*
- Rodionov, S. S. - Shear of an infinite circular cylinder by a normal load applied to a part of its lateral surface. *Trudy LTA no. 100:88-97 '67.*
- Shchek, D. A. - Calculation of a very long cylindrical shell reinforced with a ring. *Mekh. tr.* 4 no. 3:105-108 My-Je '68.
- Shchukov, A. P., Besonov, M. I. - Dependence of elastic characteristics of polymers on deformation and stress relaxation. *Fiz. tr.* 10 no. 12:3818-3826 D '68.
- Semenov, P. L. - Approximate solution of the torsion problem of an anisotropic shell with an oblong profile. *Izv. vuzov, mekh. i stroit. i dor. mekh.* II no. 3:44-48 '68.
- Shirshov, I. M. - Use of the method of functions of complex variables in Kirsch's problem for a curved beam. *Trudy LTA no. 100:88-98 '67.*
- Sidorin, I. A. S. - Possibility of determination of the shear modulus of glass reinforced plastics by means of three four-link chain. *Mekh. polim. (Riga)* no. 5:795-802 S-O '68.
- Skolobakhin, G. L., Akshaidi, A. A., Logvinenko, V. K. - Some special features of the flow process of polyethylene. *Mekh. polim.* no. 4:688-696 '67.
- Stroinov, L. V. - Flexure of a sectional girder which has a built joint fitting one of the composing beams. *Trudy LTA no. 100:41-48 '67.*
- Stratonsova, M. M. - Calculation of one-dimensional creep of polymers in stepwise loading. *Mekh. polim.* no. 4:671-678 '67.
- Shchukin, D. L. - Elastic-plastic problem for a cracked strip. *Gidromekhan. i teor. sprag.* no. 3:100-106 '67.
- Theory of Plasticity Department of the Moscow State University. *Mekh. tr.* 4 no. 4:121-122 J1-Ag '68.
- Torchenko, V. I. A. - Use of Legendre transformation in the study of plane elastoplastic load waves. *Mekh. tr.* 4 no. 4:109-110 J1-Ag '68.
- Urzhumtsev, I. U. S., Makalov, R. D. - On vibration-elastic analogy. *Mekh. polim. (Riga)* no. 5:793-798 S-O '68.

- Urzhumtsev, I. U. S., Putan, A., Kikarova, K. - Approximation of relaxation spectra. *Mekh. polim.* no. 4:686-688 '67.
- Van Po Vy, G. A., Kishvin, V. V. - Study of the dependence of mechanical properties and internal field of stresses in shearing on the form of microstructure of reinforced media. *Mekh. polim.* no. 4:697-670 '67.
- Vladimirov, V. I., Kuznetsov, Sh. Kh. - Interaction of the edge dislocation with indentation boundary. *Fiz. tr.* 10 no. 12:3826-3833 D '68.
- Vodolova, K. M. - Orthogonality of natural vibration modes for shells within the engineering moment theory. *Prkl. mekh.* 4 no. 11:33-39 '68.
- Vysotskii, V. A. - Calculation of a plane metal membrane with given flexure. *Priborostroenie* no. 12:8-10 D '64.
- Zhukin, V. A. - Correlations in the theory of ideal plasticity. *Mekh. tr.* 4 no. 4:161-163 J1-Ag '68.
- Zhigal, I. O. - Experimental evaluation of the effect of preloading two-dimensional stressing of fibers on some elastic constants of cloth laminates. *Mekh. polim. (Riga)* no. 5:845-853 S-O '68.

652.37 Deformation: theory, types, etc.

- Aiforov, V. I., Shuklov, I. U. S. - Heat exchange between machine-tool parts and the air in the shop. *Stroit. i dor. mekh.* no. 3:18-21 S '68.
- Burg, I. A., Livshits, A. L., Livshits, V. L. - Solving a problem of a beam with rigidly fastened edges. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Bogdanov, I. I. - Systems of integral equations of the linear theory of creep. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Bondar, V. P. - Two problems concerning the anisotropic bend in connection with application of the M. V. Vlasov principle. *Mekh. tr.* 4 no. 4:175-178 J1-Ag '68.
- Bondar, V. D. - Boundary value problems of rigid plastic shells. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Vedina, A. G., Shcherbakov, T. D. - Statistical description of an elastic field of layered materials. *Mekh. tr.* 4 no. 4:183-186 J1-Ag '68.
- Goldberg, A. M. - Effect of a circular hole near the straight face of a half-plane. *Trudy LTA no. 100:80-81 '67.*
- Goldberg, A. M. - Solution of a problem for an infinite wedge loaded on a portion of a straight face. *Trudy LTA no. 100:82-84 '67.*
- Orlov, A. D., Mal'kov, I. S. - Deformation of a long cylinder constrained to cylindrical shell under a non-axisymmetric load. *Mekh. tr.* 4 no. 4:185-190 J1-Ag '68.
- Kederskii, A. M., and others. - Study of the permanent state of rubber-stick constructions based on expro. *Mekh. polim.* no. 4:743-744 '67.
- Larkin, I. U. - Transmission of load from a finite length rib of an elastic plate. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Livshits, V. O. - Normal strains in certain steady flows of polymers. *Gidromekhan. i teor. sprag.* no. 3:104-106 '67.
- Makalov, N. A., Prokhorovich, L. M. - Effect of creep on "overall" stability. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Mitkov, N. A. - Determining torque inertia for cross rails. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Karala, L., Vilpold, J. - Beams under bending with inelastic strains: problems of convergence. *Trudy TPI, Ser. A* no. 18:73-77 '67.
- Klimov, A. P. - Shear stability of an elastic plastic plate. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Petrov, A. M. - Calculating beams taking into consideration plastic deformation. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Pokrovskii, V. L. - Effect of elasticity on the magnetic phase transition. *Fiz. tr.* 10 no. 12:3824-3831 D '68.
- Prisakov, A. P., Borshchinskii, M. K. - Bending of three-layer plates of anisotropic composition with a rigid filler. *Gidromekhan. i teor. sprag.* no. 3:100-106 '67.
- Shapiro, I. I. - Calculating contact strains in wood plastics. *Vest. mashinost.* 48 no. 10:84-81 M '68.
- Shchukov, S. B. - Calculating intersecting systems in boundary equilibrium stage. *Stroit. i mekh.* 33 no. 10:81-83 '68.
- Tarapovskii, I. U. M., Rote, A., Kuznetsov, T. - Bending of restrained beams from the materials with low shear resistance. *Mekh. polim.* no. 4:730-734 '67.
- Yar-Markel'son, L. M. - Nonlinear relations of the tensor of strains for anisotropic media. *Trudy LTA no. 100:2-9 '67.*

652.4 Strength: Resistance

- Agarov, B. M. - Change in chain pitch under loading. *Or. i stroit. i dor. mekh.* no. 3:18-21 S '68.
- Alekandrov, V. M., Kiselev, V. A. - Certain problems of the effect of the action of two dice on an elastic strip. *Mekh. tr.* 4 no. 4:110-113 J1-Ag '68.
- Alekseev, S. A. - Theory of fatigue failure. *Mekh. tr.* 4 no. 3:108-99 My-Je '68.
- Analysis of the strength and rigidity of the Y-shaped connecting rod of the PD-30 starter motor. *Dok. zap. MFTI* (1964-3) 164.
- Antsev, V., Shchukov, A. - Effect of the inelasticity of glass fiber on long-time strength of reinforced plastic under uniaxial tension along fibers. *Mekh. polim.* no. 4:775-778 '67.
- Astashev, L. S. - Spectra of torque acting on the rotor shaft. *Or. i stroit. i dor. mekh.* no. 3:18-21 S '68.
- Ashkinadzi, K. K. - Geometry of the strength theories. *Mekh. polim.* no. 4:703-707 '67.
- Bely, I. V., Torchakov, M. G. - Steadiness of pivots made of glass reinforced plastics. *Mekh. polim. (Riga)* no. 5:806-814 S-O '68.

- Bogdanov, G. D., Kiselev, R. M. - Electromechanical effect in bismuth. *Fiz. tr.* 10 no. 12:328-330 D '68.
- Burakov, A. M. - Experimental investigation of the effect of rigidity of testing machines on critical stress of smooth cylindrical shells under axial compression. *Mekh. tr.* 4 no. 4:120-124 J1-Ag '68.
- Burakov, A. M. - Effects of strain state of prestrained flexural elements under the action of variable but coaxial bending moments. *Izv. vuzov, mekh. i stroit. i dor. mekh.* II no. 3:44-48 '68.
- Burg, I. A., Livshits, A. L., Livshits, V. L. - Elasticity of cylindrical shells. *Prkl. mekh.* 4 no. 11:11-14 '68.
- Borovskii, I. A. - Resistance to some viscous loading during a motion along a surface. *Mekh. tr.* 4 no. 4:178-78 J1-Ag '68.
- Derezhnikov, V. V., Kravtsov, N. A. - Elastic effect in statistical theory of the strength of polymer composites. *Mekh. polim. (Riga)* no. 5:823-823 S-O '68.
- Dobryman, R. M. - Application of the method of Laplace integration to the problem of concentration of stress in a crack. *Mekh. tr.* 4 no. 3:178-180 My-Je '68.
- Hilberman, V. L. - Effect of inhomogeneous hydrostatic pressure on the stability of a rod. *Mekh. tr.* 4 no. 4:102-103 J1-Ag '68.
- Idol'man, V. L. - Stability of a rod made of an elastic material. *Mekh. tr.* 4 no. 3:184-85 My-Je '68.
- Chelomskii, T. B. - Calculating thermal stresses in the crystallization process. *Mekh. tr.* 4 no. 3:184-85 My-Je '68.
- Chernyshev, G. M. - Local loss of shell stability. *Mekh. tr.* 4 no. 4:184-187 J1-Ag '68.
- Chel'm, I. A., Zhurav, M. P. - Flexure of a beam made of polymer material under the effect of a lateral load. *Mekh. tr.* 4 no. 4:187-190 J1-Ag '68.
- Goldman, A. I. A., Savolova, M. P., Shchukov, V. I. - Study of the mechanical properties of glass reinforced cloth plastic under tension and compression under the reinforcement process. *Mekh. polim. (Riga)* no. 5:843-848 S-O '68.
- Grigoluk, K. I., Aronovskii, A. L. - Thin elastic shell on shells subjected to external pressure. *Mekh. tr.* 4 no. 3:178-180 My-Je '68.
- Grigorov, A. B. - Time of viscous rupture and critical strain under conditions of creep. *Mekh. tr.* 4 no. 4:177-178 J1-Ag '68.
- Gusakov, A. D., Molodtsov, I. A. - Anisotropic deformation of a long cylindrical carbon in cylindrical shell. *Mekh. tr.* 4 no. 3:180-183 My-Je '68.
- Gusakov, V. B., Lashchuk, V. V. - Effect of degree media on strength characteristics of glass-reinforced plastic. *Mekh. polim.* no. 4:707-708 '67.
- Ivanova, I., Popov, V. - Influence of spin upon on yield strength of polymers. *Mekh. polim. (Riga)* no. 5:848-851 S-O '68.
- Iygi, N. - Influence of elastic-plastic stability upon strength. *Mekh. polim. (Riga)* no. 5:857-861 S-O '68.
- Kapustin, N. M., Shchukov, A. L. - Rigidity and strength of elements of large-scale universal assembly device. *Vest. mashinost.* 48 no. 10:84-88 D '68.
- Kataevskii, I. A. - On the effect of the degree of the main triaxial content of materials on changes in their ultimate strength at high temperatures. *Mekh. tr.* 4 no. 4:184-187 J1-Ag '68.
- Karlatov, A. R. - Effect of concentrated forces on moments applied on the free boundary of an elastic cylindrical shell. *Mekh. tr.* 4 no. 4:184-187 J1-Ag '68.
- Kozlov, I. A. - Effect of initial imperfections on equilibrium states of elastic-plastic plates. *Mekh. polim. (Riga)* no. 5:857-861 S-O '68.
- Kolobov, I. A., Korovin, I. M., Langer, R. E. - Stability of a cylindrical shell under the influence of axial compression, internal pressure, and heating. *Mekh. tr.* 4 no. 4:184-187 J1-Ag '68.
- Kosmodemianskii, A. R., Myasnikov, I. U. V. - Connection of stresses in a thick plate weakened by a curved hole. *Mekh. tr.* 4 no. 3:184-187 J1-Ag '68.
- Kuchinskii, V., Molodtsov, I. A. - Failure and failure of stabilized polycarbonate. *Mekh. polim.* no. 4:718-718 '67.
- Kurba, M. B. - Stressed state in the semi-infinite body with curvilinear boundaries. *Mekh. tr.* 4 no. 4:179-183 J1-Ag '68.
- Lafon, L. A., Karvinskii, K. V. - Effect of molecular weight on stress-strain properties of oriented thermoplastic polymers. *Mekh. polim.* no. 4:775-778 '67.
- L'vov, I. U., Shchukov, V. - Supercritical state of glass having low thermal stability beyond the elastic limit. *Mekh. polim. (Riga)* no. 5:843-848 S-O '68.
- Levin, B. I. A., Shchukov, A. V., Demidov, V. P. - Dependence of the strength of polyethylene and glass on the degree of orientational drawing. *Mekh. polim.* no. 4:704-708 '67.
- Levin, K. M. - Calculation of elastic deformation caused by the weight of shifting parts. *Stroit. i dor. mekh.* no. 3:18-21 S '68.
- Lukash, V. M. - Oscillations of the reactivity of liquid films during deformation. *Fiz. i tekhn. mekh. i dor. mekh.* II no. 3:44-48 '68.
- Makalov, A. A. - Effect of the technological process on the operational properties of parts. *Vest. mashinost.* 48 no. 10:85-89 M '68.
- Mikhalova, V. - Optimum bending of glass reinforced plastic shell subjected to external pressure and axial compression. *Mekh. polim. (Riga)* no. 5:844-847 S-O '68.
- Mikhalov, A. M., and others. - Problems of strength of composite rod bolts in diesel tractors. *Dok. zap. MFTI* (1964-3) 165.
- Mikhalov, A. M., Dolgov, A. T., Dronov, B. R. - Some peculiarities of stress distribution in connecting rods of diesel tractors. *Dok. zap. MFTI* (1964-3) 166.
- Misy, K. M. - Reaction of a submerged cylindrical shell to pressure wave propagating at supersonic velocity in the direction of the generatrix. *Mekh. tr.* 4 no. 4:178-78 J1-Ag '68.
- Moskalev, V. S. - Creep beyond the elastic limit. *Mekh. tr.* 4 no. 3:173-176 My-Je '68.

536.4 (Continued)

- Shchegolev, I. V. - Stability of reinforced plates beyond the elastic limit. *Mekh. (ver. tsa)* no. 3 188-173 My-Je '88.
- Prokhorov, A. I., Bol'shatkin, D. N. - Relaxation of stresses in ammonia single crystals. *Fiz. tver. tela* 10 no. 4 (1988-1989) Ap '88.
- Prokhorov, V. I. - Change of the work of brittle failure at the impact bending of polymeric material 40K 60V under stress. *Mekh. polim.* no. 4:696-708 '87.
- Rera, A., Kladt, T. - Strength of rods made of glass reinforced fibers. *Mekh. polim.* [Riga] no. 5 681-87 5-0 '88.
- Scherrer, V. P. - Effect of loading speed, deformation on the strength of certain materials in the stretching, compression test. *Mekh. tver. tela* no. 4 (1984-1985) 108.
- Shchegolev, I. V. - Effect of a load concentrated on the corner of a cylindrical shell. *Mekh. tver. tela* no. 4: 201-208 Ji-Ag '88.
- Shchegolev, L. P. - Stability of elastoplastic equilibrium on longitudinally compressed cylindrical shell with initial stress. *Mekh. tver. tela* no. 3 (1984-1985) My-Je '88.
- Shchegolev, I. V., Shchegolev, V. P. - Local stresses in cylindrical shells in the vicinity of concentrated effects. *Gidromekhanika i teore. uprug.* no. 6 (1984-1985) 97.
- Shchegolev, M. Kh., Tsvet, E. I. - Influence of the heat treatment on a tendency of welded joints in ST23 steel to brittle failure. *Svar. protsv.* no. 3:24-28 Ag '88.
- Shchegolev, A. B., Mikhlin, L. L. - Interuniversal Comparison on Physical Strength of Solid Polymers. *Mekh. polim.* no. 4:782-783 '87.
- Shchegolev, V. G., Shchegolev, I. V., Shchegolev, V. P. - Stressed and strained state of cylindrical tanks around their supports. *Gidromekhanika i teore. uprug.* no. 6: 103-111 '87.
- Shchegolev, A. M., Anisim, V. P. - Condition of compressive orthogonally reinforced-plastic under tension. *Mekh. polim.* [Riga] no. 5:844-845 5-0 '88.
- Shchegolev, L. I. - Wave of brittle rupture. *Mekh. tver. tela* no. 4:688-693 Ji-Ag '88.
- Shchegolev, O. V. - Creep of hardened materials. *Mekh. tver. tela* no. 3:177-178 My-Je '88.
- Shchegolev, M. B., Morozov, V. U., Kabanov, I. U. M. - Effect of elevated temperatures on the strength of hardened resins and materials based on them. Part 3 Effect of elevated temperatures on the strength of glass textiles. *Mekh. polim.* [Riga] no. 5:832-836 5-0 '88.
- Shchegolev, V. I. - Longitudinal fracture of an elastoplastic rod. *Mekh. tver. tela* no. 4:171-174 Ji-Ag '88.
- Vukob, B. D., Mikhlin, V. M. - Theory of the structural stresses in the reinforced plastics. *Mekh. polim.* [Riga] no. 5:838-839 5-0 '88.
- Vukob, L. I., Podin, O. M. - Mixed problem of an infinite band of variable height. *Mekh. tver. tela* no. 4: 18-20 Ji-Ag '88.
- Kay, H. E., Gotsberg, L. I., Doroshchinskaya, A. E. - The role of the diffusion of aggressive medium during the failure of strained rubbers. *Mekh. polim.* no. 4: 708-713 '87.

536.5 Material properties influencing deformability

- Anisim, D. M., Kabanov, B. A. - Deformation of flexible solid shell of variable thickness. *Mekh. tver. tela* no. 3:154-157 My-Je '88.
- Dobzhinskii, G. A., Korotkiy, A. M. - Study of direct and inverse loading with a constant stress intensity in the plastic range. *Mekh. tver. tela* no. 4:183-186 Ji-Ag '88.
- Kita, A. G., Shchegolev, T. D. - Calculating binary correlation functions in an elastic field of mechanical mixtures. *Mekh. tver. tela* no. 3:73-81 My-Je '88.
- Orlovskii, A. I., Lashchenko, V. A. - Relation between rheological characteristics of tetrafluoroethylene polymer determined in different conditions of loading and temperature. *Mekh. polim.* no. 4:610-624 '87.
- Kozlovskii, V. P. - Influence of the temperature prior to hardening on the wear resistance of GIL steel. *Metal. fiz. i term. obrab.* no. 10:31-33 O '88.
- Kozlovskii, B. A., Morozov, E. M., Parion, V. Z. - Calculating the trajectory of curved cracks. *Mekh. tver. tela* no. 3:185-187 My-Je '88.
- Kozlovskii, E. M., Segal, V. M. - Analytical solution of problems of plane deformation of ideally plastic body with a circular free surface. *Mekh. tver. tela* no. 4:183-186 Ji-Ag '88.
- Kozlovskii, V. M., Morozov, E. M. - Bending of thick multilayer shells. *Mekh. tver. tela* no. 3:148-154 My-Je '88.
- Kozlovskii, B. M., Brodskii, B. B. - Vessels dilatometer for studying the thermal expansion of silicon within the interval 30° - 1500°C. *Zav. lab.* no. 9:1184-1185 '88.
- Milman, M. V., Privorotnikov, A. K. - Propagation of cracks in a lamellar medium. *Mekh. tver. tela* no. 3: 181-184 My-Je '88.
- Petrovskii, V. M. - Some problems of microtheory of dispersed systems and polymers. Calculation of the linear expansion stresses of rigid ellipsoids. *Koll. idur.* 23 no. 5:682-683 N-D '88.
- Rapin, V. R., Cherkov, M. N., Bobov, T. B. - Effect of ultraviolet radiation on stress relaxation rate in polymers. *Mekh. polim.* no. 4:618-619 '87.
- Shchegolev, A. V. - Stability of a dipolar cylindrical shell filled with liquid and subjected to longitudinal compression. *Mekh. tver. tela* no. 3:183-182 My-Je '88.
- Shchegolev, O. V. - Anisotropic creep of strain-hardened materials. *Mekh. tver. tela* no. 4:143-145 Ji-Ag '88.
- Shchegolev, L. S. - Viscoelastic model of friction and wear of solids. *Opt.-mekh. prom.* no. 6:86-88 Je '88.

536.6 Interfacial forces; cohesiveness phenomena

- Bartov, G. M., and others. - Study of the lubricating action of greases when rubber is sliding over metal surface in the high temperature range. *Mekh. polim.* [Riga] no. 5:875-880 5-0 '88.
- Bessonov, M. I., and others. - Polyethylene as antifriction materials. *Mekh. polim.* no. 4:740-742 '87.
- Borodko, V. M., Sinani, A. B., Shchegolev, V. A. - Connection between creep curves and stress-strain diagrams of polymers. *Mekh. polim.* [Riga] no. 5:787-788 5-0 '88.
- Olav, I. S., Petrovskii, G. T. - Temperature dependence of modulus of elasticity of glasses in the system KF - BzF₃. *Izv. AN SSSR, Neorg. mat.* 4 no. 11 1643-1648 M '88.
- Kalinin, M., Karlyanova, V., Mikhlasovich, Ch. M. - Internal stresses and adhesion to steel of filled polyethylene. *Uch. zap. BPI* 27 no. 10:148-152 '87.
- Kuzmina, G. I., Komarova, V. M., Petrova, F. F. - Using the photoelectric colorimetric method for studying adhesion of a polymer to mineral filler. *Izv. vuz. ucheb. zav. stroit. i arkhit.* 11 no. 3:64-67 '88.
- Shchegolev, L. S. - Viscoelastic model of friction and wear of solids. *Opt.-mekh. prom.* no. 6:86-88 Je '88.
- Vladimirov, V. M., Borodko, G. M., Korotkiy, V. A. - Studying the wear of metals impregnated with loose abrasive material. *Izv. vuz. ucheb. zav. i nauch. gas* 11 no. 10:104-113 '88.

536.8 Other physicochemical effects

- Bekunov, U. - Determining the position of a strong dislocation wave following the impact of a blunt body against a flexible membrane. *Izv. AN Kazakh SSR, Ser. fiz. mat. s.* no. 5:48-50 5-0 '88.
- Glazov, A. V., Tarasov, V. V., Ushakov, G. A. - Ultrasound velocity in lead-boron-dioxide glasses and their compressibility. *Prilozheniya k teore. i ekspr. fiz.* no. 30:181-185 '84.
- Lomovskii, M. V., Lomovskii, I. P. - Vibrational and dielectric relaxation behind the shock wave. *Zhur. fiz. ts.* 24 no. 6:886-888 Je '88.
- Polakovsky, L. M. - Effect of hydrostatic pressure on the behavior of amorphous polymers in crystals. *Fiz. tver. tela* 10 no. 4:1041-1047 Ap '88.
- Shchegolev, B. N. - Ninth scientific conference on thermal stresses in construction elements. *Prilozheniya k teore. i ekspr. fiz.* no. 30:181-185 '84.

54 CHEMISTRY

- In memory of Aleksandr Nikolaevich Rastvorov; obituary. *Khim. volok.* 10 no. 4:30 '88.
- Prokhorov, P. A. - Physicochemical Society of Kiev University and its role in the development of chemistry in the 20th century. *Vysok. Kyiv. univ. Ser. fiz. i khim.* no. 6:118-124 '88.
- Tsodikov, V. V. - Hyperfine splitting of KU-4 and KU-4 cations. *Trudy IREA* no. 38:118-123 '84.

54(478)—Mikrokhimicheskiy S.R.

- Daiyr, D. G. - The Second Moldavia Conference on General and Applied Chemistry. *Izv. AN Mold. SSR* no. 1:101-103 '88.

541 General, theoretical and physical chemistry

- Lashchenko, T. - Periodic table (teaching of chemistry). *Mekh. tver. tela* no. 10:84-88 O '88.
- Orlov, M. A., and others. - Adsorption of sodium chloride on minerals in the presence of magnetized water-polymer solutions. *Uch. zap. BPI* 27 no. 4:31-33 '88.

541.1 Physical chemistry

- Abramov, M. Kh., Dudkina, K. A., Zhdanova, V. V. - Study of the system Mn - Te. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1878-1884 N '88.
- Adylov, T. I., Bakhov, M. D. - Additional materials to cryoscopic method. *Uch. zap. BPI* 27 no. 4:31-33 '88.
- Akhmedov, B. L., Kylysheva, V. I., Makhov, G. G. - Certain structural byproducts studied by NMR. *Dokl. AN SSSR* 283 no. 3:365-368 '88.
- Agayev, A. I., Guseinov, I. A. - Physicochemical analysis of a reciprocal system consisting of sodium and potassium chlorides and iodides. *Uch. zap. BPI* 27 no. 4:31-33 '88.
- Akhmedov, A. A., and others. - Reversible and irreversible electron shift in the reaction of steroid 20-keto-16, 17-oxides with hydrazine hydrate. *Izv. AN SSSR, Ser. khim.* no. 13:2507-2510 D '88.
- Akhmedov, G. A., Bakhov, M. D. - Kinetics of the extraction of aluminum oxide from silicate. *Mosk. gos. univ. khim. fak.* no. 3:117-118 '87.
- Akhmedov, G. A., Bakhov, M. D. - Kinetics of decomposition of phosphorus by sulfuric acid in a fluidized bed. *Vysok. Kyiv. univ. Ser. fiz. i khim.* no. 6:118-124 '88.
- Artemova, G. V., Karabakhov, R. A. - Fourth International Congress of Catalysis. *Priroda* no. 11:78-84 '88.
- Artemova, G. V., Karabakhov, R. A. - Experimental study of the kinetics of absorption accompanied by a chemical reaction. *Mosk. gos. univ. khim. fak.* no. 3:117-118 '87.
- Avdii, N. M., and others. - Isotherms and differential heats of adsorption of methylcyclohexane and perfluoromethylcyclohexane on graphite thermal black and crystals of NaX zeolite. *Zhur. fiz. khim.* 62 no. 7: 1747-1753 Ji '88.
- Bakhov, M. D., Krylov, A. V. - Some problems of the kinetics of chemical reactions in open systems. *Zhur. fiz. khim.* 62 no. 7:1885-1889 Ji '88.
- Berg, L. L. - Interrelation between some physical properties of a solid. *Trudy IREA* no. 34:83-86 '84.
- Bersner, L. B., Bakhov, M. D. - NMR spectrum with inversion cleavage in complexes of transition metals with electron donors. *Izv. AN Mold. SSR* no. 1:14-25 '88.

- Bersner, L. B., Vakhov, B. G. - Inversion expansion and paramagnetic relaxation time in systems with E- and T₂-electron terms. *Izv. AN Mold. SSR* no. 1:14-25 '88.

- Belov, B. V., and others. - Diagram of phase equilibria of the system FeO - Cr₂O₃. *Zhur. fiz. khim.* 62 no. 7:1815-1817 Ji '88.
- Bogdanov, V. E., Chernol, A. I. - Some problems of studying the rectification kinetics of multicomponent mixtures. *Mosk. gos. univ. khim. fak.* no. 3:117-118 '87.
- Bokov, V. A., and others. - Magnetic properties and crystal structure of Mg₂SiO₄ - MgFe₂SiO₄ solid solutions. *Fiz. tver. tela* 10 no. 4:1041-1047 Ap '88.
- Borodko, A. V. - Mass spectrometric studies of the products of thermodesorption of TiO₂. *Vest. Mosk. univ. Ser. 3 Fiz. i astr.* 33 no. 5:88-94 N-D '88.
- Borlov, S. M., Shchegolev, M. G., Voronov, M. G. - Splitting of cyclohexylmethylsiloxanes by acetic anhydride. *Zhur. ob. khim.* 38 no. 12:1784-1800 D '88.
- Borlov, S. M., and others. - Experiment in the distillation of industrial processes by the aerosol method. *Trudy TSMU* no. 18, pt. 1:163-166 '87.
- Chernovskii, A. L., Kuznetsov, Z. I., Kiselev, G. A. - Kinetics of drying in the state of periodic blowing. *Mosk. gos. univ. khim. fak.* no. 3:117-118 '87.
- Chernovskii, O. K. - Chemical thermodynamics of irreversible processes. Part I: *Zhur. fiz. khim.* 62 no. 7:1815-1818 Ji '88.
- Dobryshchev, O. M., Bakhov, M. D. - Effect of bubbling on the kinetics of ammonia absorption by solutions of concentrated acetic acid. *Izv. AN Mold. SSR* no. 1:14-25 '88.
- Dzhanik, B. G., and others. - Reactions of excited methyl radicals in the gas phase. Part 2: Ratio of rate constants of reactions of bromine and hydrogen atom and addition at the multiple bond. *Khim. vys. energ.* 3 no. 1:36-43 Ja-P '88.
- Dzhanik, B. G., Shchegolev, A. P. - Reactions of excited methyl radicals in the gas phase. Part 1: Influence of temperature and additions of inert gases on the rate of formation of methane in the photolysis of CH₃I - HCl mixture under the effect of mono-brominated alcohols. *Khim. vys. energ.* 3 no. 1:36-43 Ja-P '88.
- Dzhanik, B. G., Shchegolev, A. P. - Determination of the elementary rate constants of chemical reactions with simple and simple amines. *Khim. AN Kazakh SSR* 88 no. 3:370-384 My '88.
- Fedorov, G. I., Lashchenko, V. A. - Determination of the desorption branch of vapor adsorption isotherms by their continuous desorption under dynamic conditions. *Izv. AN SSSR, Ser. khim.* no. 13:2507-2510 D '88.
- Vitkov, T. P., Filatov, E. A. - Kinetics of thermal decomposition of sodium and potassium peroxycarbonates. *Zhur. fiz. khim.* 62 no. 7:1815-1818 Ji '88.
- Prolov, A. F. - Image of the liquid vapor equilibrium in the system of four components. *Zhur. fiz. khim.* 62 no. 7:1806-1809 Ji '88.
- Chudakovskii, V. G. - Ion-exchangers as catalysts in the rearrangement of aniliphenyl ethers. *Trudy IREA* no. 38:118-123 '84.
- Chudakovskii, V. A. - Kinetics and limits of the rate of the statistical method of determination of the ion exchange constants. *Dokl. TSKHA* no. 133:448-450 '88.
- Chudakovskii, V. A., Chernovskii, V. M. - Kinetics of a mass exchange in the processes of film rectification of binary mixtures. *Mosk. gos. univ. khim. fak.* no. 3:117-118 '87.
- Chudakovskii, A. A. - Method for studying the surface tension, charge, and pressure on a solid electrode when in an unstable state. *Zav. lab.* 23 no. 7:886-819 '88.
- Cowdell, T. D. - Studying static characteristics of a reactor for photochemical benzene adsorption. *Khim. prom. Ukr.* no. 8:38-49 N-D '88.
- Guseinov, I. A., Bakhov, M. D., Kiselev, G. A. - Donor-acceptor complexes in reactions of electron phototransfer. *Khim. vys. energ.* 3 no. 1:36-43 Ja-P '88.
- Guseinov, I. A., Bakhov, M. D. - Effect of chemical adsorption of free alkyl radicals on work function of polycrystalline semiconductor films. *Zhur. fiz. khim.* 62 no. 7: 1788-1773 Ji '88.
- Il'inskiy, L. I., Zyma, V. L., Pukhov, O. N. - Penetration of impurities into orthorhombic crystals and the transmission of excitation energy between anthracene and naphthalene molecules. *Vysok. Kyiv. univ. Ser. fiz. i khim.* no. 6:118-124 '88.
- Lashchenko, S. M. - Optimization of the process of chromatographic separation of an isooctane-heptane mixture. *Zav. lab.* 23 no. 7:886-819 '88.
- Lashchenko, S. M., Fikus, M. A. - Dispersion analysis of industrial aerosols by Stokes diameters. *Zav. lab.* 23 no. 7:886-819 '88.
- Lyudskov, V. D., Kiselev, G. A. - Effect of the absorption of nitrous oxide on temperature coefficient of the resistance of gold films. *Zhur. fiz. khim.* 62 no. 7:1734-1735 Ji '88.
- Konin, M. V., Shchegolev, V. G. - Phase equilibria of hydrogen chloride-water-ether systems. *Zhur. ob. khim.* 38 no. 10:1237-1248 O '88.
- Lapov, V. A. - Properties of the PbTi₂(X)O₆ perovskites and the nature of its orientational dielectric polarization. *Fiz. tver. tela* 10 no. 4:1041-1047 Ap '88.
- Lashchenko, L. I. - Dependence of the reduced thermodynamic potential on the positions of elements in the periodic system. *Zhur. fiz. khim.* 62 no. 7:1734-1735 Ji '88.
- Lashchenko, L. I. - Second International Symposium on "High-purity substances in science and technology." *Zav. lab.* 23 no. 7:886-819 '88.
- Kochetkov, M. P., Petrov, A. P. - Mixture of donor-acceptor complexes of Fe³⁺ with ethylenediaminetetraacetic acid. *Zhur. fiz. khim.* 62 no. 7:1806-1809 Ji '88.
- Karabakhov, R. A., Guseinov, V. P., Novoselova, A. V. - Adsorbed vapor pressure of solid and liquid germanium monochloride and monobromide. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1874-1877 N '88.

ML 1 (Continued)

- #### 44.13 Electrochemistry, Electrolysis

44.13 Electrochemistry, Electrolysis

Adamov, M. N., Zubkov, V. A. - Calculation of the

polarizability of a single-charged ion of size a is
 From between method. Effects of size, a , on the

438. HbAm '63.

Baskar, R. U., Stender, V. V. - Electrodeposition of

also from sulfate and ammonium electrolytes. 1966

batch, no. 8107-III 487.
Remarks: 2.4 and 2.11 are ... United States of America

hydroxyls by carboxylic acid and magnesium chloride.

Khim, Lakh. no. 8133-136 '87.

1) Bogdanovskii, A. F., Zakhvatov, G. L. - *Journal of*
the Institute of Mathematics and Mechanics of the USSR Academy of Sciences

current superimposition. Inv. vrs. volab. inv. |

khaim, tokh, 11 no. 11:1295-1307 48.

Chernomir, V. I. - Concentration changes in metal solutions in the electroluminescence with continuously alter-

rather constant. Edm. tech. no. 0770-2 57.

Dalimaraki, IU, K., Zarullaki, O. O. - ~~unpublished~~

measurements in fused alkalis. (Oct. 1941, 1942)

Wolke, A. B., Osherson, D. B., & Condit, R. L. - Contact probabilities

of bromine on steel from acid electrolytes, *Isipil*

Effect of the surfactant sodium lauryl sulfate on contact angle

Whinn, tech. no. 6-119-120 '61.
Electrostatic mechanism at office based on Houston 100

concentrated and bulk stocks. Price lists. P. 22-23

Galinkar, I. B., Gavrilov, M. I., - Systemation of the

solubility of electrolytes for temperature range 10-40°C.

presence of liquid aqueous solution. ~~Am. Chem.~~

no. 8:3-14 57.

54.13 (Continued)

- Chakrabarti, M. S. - Possibility of increasing freedom of the selection of similarity factor in the modeling of electrochemical systems. *Khim. tekhn.* no. 8:64-68 '87.
- Orlov, N. P., Kovalev, N. A., Chikarova, V. M. - Measuring the electroconductivity of galvanic sediments during electrolysis. *Agg. khim.* 22 no. 7:828-827 '88.
- Bykovskiy, V. F. - Electrochemical study of beryllium fluoride in sodium fluoride as a solvent. *Viznyk Kyiv. un. Ser. Khim. na khim.* no. 8:101-104 '88.
- Isaev, M. V., Shvartsa, V. G. - Determination of zero coefficients of the activity of hydrogen chloride in ethers. *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Kozlov, M. N., Tsodikov, V. V. - Temperature effect on kinetics of cathodic processes in quinoline sulfate solution. *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Kozlov, M. N., Besuglyi, V. D., Dmitriyev, V. M. - Study of the mechanism of reduction of the azomethine group on aromatic Schiff bases on a dropping mercury electrode. *Zhur. fiz. khim.* 62 no. 10:2153-2158 O '88.
- Kopylov, I. P., Mikhalitskaya, S. V., Chepov, D. V. - Change of contact differences of potentials of ligands under the effect of adsorption. *Zhur. fiz. khim.* 62 no. 11:1786-1797 '88.
- Kozlovskaya, A. L., Mikhaleva, R. P. - Physicochemical study of the formation reaction of electrolytic compounds from non-electrolytes. Systems formed by bisulfitecyanate and hydrosulfite-cyanate systems in dimethyl sulfoxide. *Zhur. fiz. khim.* 62 no. 12:2808-2812 D '88.
- Khrushchev, G. G., Tsvetkov, I. A., Bondarenko, A. V. - Potentiometric and spectrophotometric study of acid dissociation constants of 3,3',4,4'-bismethoxybenzotetracarboxylic acid. *Zhur. fiz. khim.* 62 no. 14:2177-2181 O '88.
- Kozlovskiy, O. S. - Porous electrodes in electrolysis. Organized anodes in the electrolysis of chloride solutions. *Khim. tekhn.* no. 8:28-27 '87.
- Laria, I. K., Tal'roza, V. L., Kozlovskaya, M. A. - Part 2: Effect of electric field on deuterium-hydrogen exchange rate. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Lashov, V. M., Kozlovskiy, O. S. - Electrolysis of sodium chloride solutions with filtering electrodes. *Khim. tekhn.* no. 8:28-101 '87.
- Lashov, V. M., and others. - Measurement of the resistance of impedance in pyrophosphate electrolyte of copper plating. *Khim. tekhn.* no. 8:27-71 '87.
- Lashov, V. M., and others. - Electrodeposition of lead from simple electrolytes with additives. Report No. 1: Use of sulfate pulp alkali as growth regulators of cathodic depositions. *Khim. tekhn.* no. 8:28-88 '87.
- Marlov, B. P., Volkov, S. V. - Molar volume of fused mixtures of zinc chloride with alkali metal chlorides. *Ukr. khim. zhur.* 34 no. 11:1115-1120 '88.
- Mikhaleva, R. P., Dymovskiy, M. P. - State of water in a strong electrolyte solution. *Zhur. strukt. khim.* 3 no. 4:111-113 Ja-Ag '88.
- Mikhaleva, R. P. - Power balance of bath during electrolysis of aqueous solutions. *Khim. tekhn.* no. 8:28-40 '87.
- Petrushkin, I. A., Bergalkina, O. R. - Adsorption of hydrogen on hydrogenation catalysts in solutions. Part 1: *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Mikhaleva, R. P., Mikhaleva, S. V. - Change of the texture of nickel electrodeposition depending on electrolysis conditions. *Trudy AN LSSSR Ser. D* no. 3:19-19 '88.
- Kozlov, M. N., Levitskaya, M. K., Lisitskaya, V. P. - Electroconductivity of electrolyte solutions in mixed nonaqueous solvents. Part 3: Electroconductivity of sodium iodide solutions in ethanol-benzene mixtures. *Ukr. khim. zhur.* 34 no. 11:1115 '88.
- Shchegolev, V. A., and others. - Effect of some factors on electroconductivity of acetone on mercury in alkaline solutions. *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Shchegolev, V. A., Demochuk, L. A., Anisimov, L. L. - Electrocapillary activity and reduction of acetone in aqueous and nonaqueous media. *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Kozlov, V. V. - Ionization of power capacity electrolytes. *Khim. tekhn.* no. 8:11-20 '87.
- Tsvetkov, I. A., Dokolova, G. S., Korobov, M. A. - Potentiometric study of acid-base dissociation constants of aminoalkyl esters of α,β -unsaturated acids in aqueous solution. *Zhur. fiz. khim.* 62 no. 10:2153-2154 O '88.
- Vladimirovskiy, L., Mikhaleva, S. V. - Nature of the action of some brighteners in sulfuric acid electrolytes of copper plating. *Trudy AN LSSSR Ser. D* no. 3:19-19 '88.

54.14 Photochemistry

- Kozlovskaya, L. G., Vasil'eva, V. A. - Chemiluminescence of rhodamine G. *Probl. fiz. khim.* no. 6:178-88 '88.
- Dmitriyev, I. A., and others. - Effect of atomic hydrogen, preprecipitated from silicon surface, on the formation of a latent image in photolayers. *Fiz. tsvet. tela* 10 no. 12:1744-1751 D '88.
- Kozlovskaya, M. A., and others. - Magnetic effect in photoluminescence. *Sov. AN Gruz. SSR Ser. D* no. 3:19-19 '88.
- Kozlovskaya, M. A., and others. - Photochemical substitution of triphenylphosphine in vanadium and niobium complexes by alkyl and carbon monoxide. *Izv. AN SSSR Ser. Khim.* no. 12:2814-2818 D '88.
- Kozlovskiy, M. F., and others. - Synthesis and some properties of γ and δ -ketonitroalkanes. *Zhur. fiz. khim.* 62 no. 10:2153-2154 O '88.

54.15 Radiation chemistry

- Bakh, M. A., Mikhaleva, S. V. - Formation of peroxide radicals in liquid hydrocarbons in pulse irradiation with electrons in the presence of molecular oxygen. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Chikarova, G. G., Manobashvili, K. M., Mosashvili, G. A. - Formation of thiocyanate esters under irradiation. *Sov. AN Gruz. SSR Ser. D* no. 3:19-19 '88.
- Kozlovskaya, M. A., and others. - Radiolysis of n -alkyl ketones. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Ovchinnikov, V. I., Mokrushina, A. D., Tatar, A. O. - Addition reactions of positronium atoms in the gas phase. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Gromov, V. V., Spitsyn, V. I. L. - Sulfate ion exchange between radioactive crystals and saturated solutions of BaSO₄. *Dokl. AN SSSR* 183 no. 2:366-370 '88.
- Ovchinnikov, V. I., Kozlovskaya, M. A., Tal'roza, V. L. - Radiation-induced electric conductivity of polymers at high electric field intensities. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Chikarova, G. G., Mikhaleva, S. V. - Effect of photoabsorption of free alkyl radicals on work function of polyvinyl semiconductor films. *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Vladimirovskiy, L. V., Manobashvili, K. M., Lashov, V. M. - Radiolysis of potassium and ammonium thiocyanates in ethyl alcohol. *Sov. AN Gruz. SSR Ser. D* no. 3:19-19 '88.
- Kozlovskaya, L. L., Pokrov, A. K. - Radiolysis of aqueous solutions of benzene in the presence of ions of metals of variable valency. Part 3: Radiolytic transformations in 0.4 M H₂O₂ containing Fe³⁺ and oxides at high dose rate. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Kozlovskiy, M. K., and others. - Mechanism of radiolysis of aqueous solutions of ribose. *Dokl. AN SSSR* 183 no. 2:366-370 '88.
- Laria, I. K., Tal'roza, V. L., Kozlovskaya, M. A. - Part 2: Effect of electric field on deuterium-hydrogen exchange rate. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Mikhaleva, S. V., Bakh, M. A. - Experimental study of the effect of ionizing radiation on the molecular weight of polymers. *Azob. nef. khim.* 47 no. 12:40-41 D '88.
- Mosashvili, G. A., and others. - Synthesis and study of the properties of graft copolymers of polystyrene with methacrylic acid. Report No. 1: Effect of the radiation dose on grafting. *Ukr. khim. zhur.* 34 no. 3:40-42 '88.
- Podolskiy, A. P. - Mechanism of naphthalene radiolysis. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Shchegolev, V. A., and others. - Effectiveness of radiation-induced cross-linking depending on the extent of polyvinyl alcohol crystallinity. *Dokl. AN SSSR* 183 no. 2:366-370 '88.
- Shchegolev, V. A., Sarasov, V. V., Bakh, M. A. - Radiation-induced oxidation of n -heptane. *Khim. vys. energ.* 3 no. 1:14-16 Ja-F '88.
- Tikhonov, V. B. - Nonwoven textile fabrics produced by radiation induction. *Tekst. prom.* 28 no. 12:56-57 D '88.

54.16 Colloid chemistry. Capillary chemistry

- Akhmedov, N. A., Senozonov, N. M. - Kinetics of the oxidation of solid substances from the layer of noncondensed porous bodies. *Viznyk LPI* no. 16:144-148 '88.
- Alkhasanova, M. A., Sandonatskiy, D. M., Degodkin, R. A. - Study of the effect of a nature of the latter protective substance on colloid-chemical properties of carbon black-later mixtures. *Koll. zhur.* 30 no. 8: 860-863 N-D '88.
- Darbov, P. M., Gikman, I. U. M., Puka, G. I. - Nature of aggregative stability of colloid solutions. Present-day state of a problem and some ways of its further development. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Kozlovskaya, V. N., Tolstaya, S. M., Tashkhan, A. B. - Effect of the form of filler particles on the kinetics of structure formation in polymer solutions. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Darbov, P. M., Krotova, N. A., Khristov, I. U. A. - Sixth Anniversary All-Union Conference on Colloidal Chemistry. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Gukin, A. M., Shchegoleva, M. A. - Effect of alternating electric field on light absorption in clay suspensions. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Kirak, A. A., Puka, G. I. - Studies in the field of fibrous aerosol films. Diffusion deposition of aerosols in fibrous filters. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Kozlovskiy, S. V., Kozlov, L. A. - Use of the method of two average radii in determining the dispersed content of aerosols. *Izv. khim.* no. 10:17-18 O '88.
- Kozlovskaya, G. M., Vokharskiy, L. M., Rebinden, P. A. - Processes of formation of new phases from aqueous solutions of polyvinyl alcohol. *Dokl. AN SSSR* 183 no. 2:366-370 '88.
- Kozlovskaya, L. M., Barb-Serhina, N. M. - Effect of polyvinyl alcohol additions on the structure formation processes in aqueous dispersions of clay minerals. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Mosashvili, G. A. - Theory of the acoustic coagulation of aerosols. *Dokl. AN SSSR* 183 no. 2:366-370 '88.
- Mikhaleva, S. V., Bakh, M. A. - Effect of the addition of high molecular substances on precipitation of calcium sulfate. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Ovchinnikov, V. D., Tretyakov, V. I., Parichevskiy, V. V. - Adsorption of anions by cationic polymers. *Khim. prom. Ukr.* no. 10:12-14 N-D '88.
- Parichevskiy, M. M., and others. - Adsorption of carbonyl compounds and aliphatic amines on silicic acid minerals. *Koll. zhur.* 30 no. 8:860-863 N-D '88.
- Nashchuk, A. A., Lashov, V. M., Kozlovskiy, S. I. - Adsorption of K- and K-8 preparations on solid particles of nitrate pulp. *Ukr. khim. zhur.* 34 no. 4:111-113 Ja-Ag '88.

Tarakanov, I. U. I., Valtinskaya, V. M., Orlovskiy, V. D. - Study of the adsorption of water vapors on cation-substituted montmorillonite. *Koll. zhur.* 30 no. 8:860-863 N-D '88.

54.18 Atomic theory

- Baklanov, S. B. - Systematization of atomic radii. *Zhur. strukt. khim.* 3 no. 8:618-628 S-O '88.
- Kozlov, V. M., Rusanov, A. I. - Functions of distributions in surface layers. Part 3: *Zhur. fiz. khim.* 62 no. 7:1219-1221 '88.
- Lashov, V. M., Kozlovskaya, L. A. - Normal vibration frequency calculation of the central point of alkali compounds containing the atom group H₂C=CH₂-CH₃. *Zhur. strukt. khim.* 3 no. 8:618-628 S-O '88.
- Mikhaleva, S. V., Bakh, M. A. - Experimental study of the effect of ionizing radiation on the molecular weight of polymers. *Azob. nef. khim.* 47 no. 12:40-41 D '88.
- Mikhaleva, S. V. - Cryometric method of determination of molecular weights for small weighed samples. *Trudy TPI Ser. A* no. 243:47-57 '88.
- Mikhaleva, S. V. - New abscissometric micromethod for determination of molecular weights. *Trudy TPI Ser. A* no. 243:47-57 '88.
- Petrushkin, I. A., Jankovic, J., Rikavichina, K. - Electrolysis of selenium dioxide solutions in concentrated sulfuric acid. *Trudy AN LSSSR Ser. B* no. 3:45-54 '88.
- Uzunov, V. B. - Effect parameters of electron shells of atoms and ions. *Zhur. strukt. khim.* 3 no. 4:37-447 JI-Ag '88.
- Zhoravlev, E. F., Mofatova, I. K. - Determination of molecular mass of binary liquid systems with denitrating by the cryoscopy method. Systems of nitrate of acetic acid - water, nitrate of acetic acid - isocaproic acid, nitrate of acetic acid - n -butyl alcohol. *Zhur. fiz. khim.* 62 no. 12:2808-2812 D '88.

54.19 Chemical compounds

- Dmitriyev, R. A., Filipov, V. A. - Colorimetric determination of nitrogen oxides in a gas mixture and nitrite ions in solution with boronitric and n -phenylphenolamine. *Izv. AN SSSR Ser. Khim.* no. 12:2814-2818 D '88.
- Osasov, B. O., and others. - Infrared absorption spectra of selected gallates MeGaO₃ of certain lanthanides. *Azob. nef. khim.* 47 no. 12:40-41 D '88.
- Kozlovskiy, L. A., Pukalov, E., Mikhaleva, S. V. - Corrosion of trialkyls and β -dialkyls siloxanes by organosilanes. *Ukr. khim. zhur.* 34 no. 4:111-113 Ja-Ag '88.
- Kozlovskiy, L. A. - Kinetics of basic equilibrium shift for single-phase manufacture (without steam) of amino - silanes. *Ukr. khim. zhur.* 34 no. 4:111-113 Ja-Ag '88.
- Pokrov, A. K., Mikhaleva, S. V. - Solubility of sodium hexafluoroaluminate in aqueous solutions of nitric acid and melting out action of sodium salts. *Ukr. khim. zhur.* 34 no. 4:111-113 Ja-Ag '88.
- Osasov, B. O., and others. - Thermogravimetric analysis of monocalcium phosphate and its mixtures with calcium nitrate. *Ukr. khim. zhur.* 34 no. 4:111-113 Ja-Ag '88.
- Kozlovskiy, L. A., Pukalov, E., Mikhaleva, S. V. - Solubility properties of some organosilanes. Kinetics of occurrence at the contact of some organosilanes with acid solutions. Part 1: *Vestn. AN SSSR Ser. Khim. Khim. Ser.* no. 4: 68-68 '88.
- Vukobratovic, G. P., Kallivianakou, V. I. - Determination of diatomic sorbates by means of thin-layer chromatography. *Ukr. khim. zhur.* 34 no. 11:1115-1120 '88.
- Topilova, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 1: Effect of the structure on the exchange capacity of substituted pyridines, quinolones, isocyanolones, and diazoles. *Reakts. spos. org. soed.* 5 no. 3:403-413 O '88.
- Topilova, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 2: Effect of the structure on the exchange capacity of substituted pyridine- N -oxides and nitroaromatic compounds. *Reakts. spos. org. soed.* 5 no. 3:403-413 O '88.
- Topilova, I. F., and others. - Kinetics of basic deuterium exchange and reactivity of heteroaromatic compounds. Part 4: Parameters of the activation catalyzed by bases deuterium exchange reaction of nitrogen-containing heterocycles and substituted benzenes. *Reakts. spos. org. soed.* 5 no. 3:403-413 O '88.

54.19 Complex compounds

- Akhmedov, N. A., and others. - Structure of some antipyrine complex compounds of metals. *Zhur. fiz. khim.* 62 no. 12:2814-2818 D '88.
- Alievskiy, I. P., and others. - Stability of palladium(II) complex compounds with 1,3-cyclohexanedione-dioxime in solutions. *Izv. AN SSSR Ser. Khim.* no. 12:2814-2818 D '88.
- Bardinskii, L. A. - Substituted hydrazides of hydroxy-carboxylic acids. Part 64: Complexes of arylhydrazides of dialkylglycolic acids with SnCl₄. *Zhur. fiz. khim.* 62 no. 12:2814-2818 D '88.
- Berezhnaya, L. E. - Interval asymmetry in complex compounds. Report No. 4: Strong field, molecular orbitals method. *Zhur. strukt. khim.* 3 no. 8:618-628 S-O '88.
- Dialova, M. M., Bikhman, R. I. - Study of the complex-forming property of M, N, R -carboxophenylamino triacetic acid with some rare elements. *Trudy IREA* no. 26:119-128 '84.
- Dialova, M. M., Lavrova, O. I. - Polarographic study of complexes of rare earth elements. *Trudy IREA* no. 26:119-128 '84.
- Dialova, M. M., Bikhman, R. I. - Binding of chelating agents into complexes with a charge transfer as a new way to improve the selectivity. *Trudy IREA* no. 26:119-128 '84.

- Egorovskii, A. N., and others. - Infrared and PMR spectra of some arene- π -complexes of chromium. *Izv. AN SSSR Ser. khim.* no. 12 2115-2120 D '68.
- Gol'dshteyn, V. L., and others. - Gamma-resonance spectra of coordination compounds of Sn(II). *Dokl. AN SSSR* 133 no. 2 154-157 '68.
- Alaimiradhi, K. B. - Quantum-chemical models in the reactions involving complex compounds. *Kataliz i katalizats.* no. 4 7-18 '68.
- Rozhnakovskii, O. L., Yelashova, V. Sh. - Potentiometric study of bromide complexes of cadmium in aqueous-methanol and aqueous-ethanol solutions. *Ukr. khim. zhur.* 34 no. 11 1128-1131 '68.
- Krasov, O. S., and others. - Luminescence of nitrogen-aluminum complexes in a -56°C (III). *Fiz. tver. tela* 10 no. 4 1114-1145 Ap '68.
- Kukina, G. A. - Crystal chemistry of platinum complex compounds. Part 2. Bivalent platinum compounds. *Zhur. strukt. khim.* 3 no. 4 474-494 Ji-Ag '68.
- Lebedev, D. D., Shirokov, I. U. V. - Use of bromine complexes in electroanalysis. *Trudy IREK* no. 36 232-238 '68.
- Mirkin, D. M., Rezhina, L. I. - Formation of complexes from bivalent anion and cation impurities in KCl crystals. *Fiz. tver. tela* 10 no. 4 1139-1153 Ap '68.
- Marmalakov, A. N., and others. - Photochemical substitution of triphenylphosphine in vacuum and solution complexes by iodine and carbon monoxide. *Izv. AN SSSR Ser. khim.* no. 12 2814-2815 D '68.
- Nikol'skii, B. P., and others. - Chemical interaction of substances with a complex solvent. *Izv. AN SSSR Ser. khim.* no. 12 2827-2834 D '68.
- Golpova, E. M., Saidnaryova, Z. I., Rode, E. I. A. - Thermographic and thermogravimetric study of partially oxidized calcium salt of 12-boromaleic acid. *Ukr. khim. zhur.* 12 no. 4 13-5 '68.
- Pavlenko, V. D., Malashuk, M. P. - Kinetics of acid hydrolysis reaction of dichlorodihydroxydianiline in aqueous-organic solutions. *Ukr. khim. zhur.* 34 no. 11 1137-1142 '68.
- Pavlenko, E. S., Kurnak, V. M., Serebrennikov, V. V. - Complex compounds of lanthanides and yttrium with N-oxide of triethylamine. *Zhur. ob. khim.* 36 no. 13 2720-2723 D '68.
- Pisnitskii, I. V., Sarada, K. S. - Tartaric and citric acid complexes studied by means of extraction. *Ukr. khim. zhur.* 34 no. 11 1153-1171 '68.
- Prokhorov, M. R. - Compounds of trivalent cobalt with 1,10-phenanthroline. *Izv. AN SSSR Ser. khim.* no. 12 2810-2811 D '68.
- Shafarevich, V. M. - Complex compounds of trivalent cobalt with dimethylglyoxime and thioacetamide. *Izv. AN SSSR Ser. khim.* no. 12 2812-2813 D '68.
- Shafarevich, V. M., and others. - Study of complex formation of vinyl- α -hydroxyketones with metals (Zn, Fe, Cu) chlorides by the method of infrared spectra. *Zhur. ob. khim.* 36 no. 13 2841-2846 D '68.
- Shchekina, M. I. - Study of complex formation in the system aluminum - phenanthroline in solution by the metal-indicator method. *Ukr. khim. zhur.* 34 no. 11 1171-1177 '68.
- Stepin, B. D., and others. - Use of amino-bisoxalones of alkali metals for the production of high-purity salts. *Trudy IREK* no. 36 140-146 '68.
- Strekhov, I. U. A., Parfom, T. G., Zhuravskaya, L. A. - Reaction of phosphorus with tertiary amines. *Zhur. org. khim.* 4 no. 11 1858-1861 M '68.
- Sych, A. M. - Studying the formation of rhodanide complexes of cobalt in methanol solutions. *Vysok. Kyriv. na Ser. fiz. i khim.* no. 8 111-114 '68.
- Tashina, V. A. and others. - Complexing properties of ethylenediamine-N, N'-di-(α -hydroxyphenyl)-. *Zhur. ob. khim.* 36 no. 13 2837-2838 D '68.
- Yelashova, V. M., and others. - Stability of soluble complex mercury dithiocarbamates. *Izv. vyz. ucheb. zav. khim. i khim. tekhn.* 11 no. 11 1218-1223 '68.
- Ushakov, M. V. - Studying the complex compounds of lanthanides (rare earths). *Vysok. Kyriv. na Ser. fiz. i khim.* no. 8 104-110 '68.
- Vakulskii, E. E., Kopelev, R. F. - Some results of the X-ray spectral study of aromatic complexes of transition elements. *Zhur. strukt. khim.* 3 no. 4 446-467 Ji-Ag '68.
- Yashin, V. A., Uskov, V. A. - Effect of complexing on the impurity diffusion in semiconductors. *Fiz. tver. tela* 10 no. 4 1238-1241 Ap '68.
- 541.5 Valency. Affinity. Bonds
- Isaev, B. G., and others. - Reactions of modified methyl radicals in the gas phase. Part 2. Ratio of rate constants of reactions of branching of hydrogen atoms and addition at the multiple bond. *Khim. vyz. energ.* 3 no. 1 135-143 Ja-F '68.
- Dezobov, V. M. - Effect of salts being extracted on the preolysis of neutral olefins during re-extraction. *Trudy IREK* no. 36 63-72 '68.
- Kagla, B. A., Oskov, B. M. - Chain transfer constants in isomerization of propylene by chloroform; influence of bond dissociation energy and of stability of formed radical on substitution reaction rate. *Izv. AN SSSR Ser. khim.* no. 12 2712-2728 D '68.
- Golokovskiy, V. G., Rezhina, S. S., Shchekina, O. I. - Free radical synthesis of 2-alkoxytetrahydrofurans. *Izv. AN SSSR Ser. khim.* no. 12 2829-2831 D '68.
- Kharshenko, S. K., Lakhtanova, A. V., Mikhailov, V. A. - Using double isotope method. *Zhur. khim. khim.* 32 no. 7 1825-1843 Ji '68.
- Kharshenko, S. K., Mikhailov, V. K., Pashchenko, S. I. A. - Photo-induced transformations of free radicals in polymers. Part 1: Allyl and polyene radicals in γ -irradiated polypropylene. *Khim. vyz. energ.* 3 no. 1 74-89 Ja-F '68.
- Larionov, L. M., and others. - Ability of the bridge link in bicyclic systems to electron-donor conjugation and electronic conductivity. *Reakts. spets. org. soed.* 5 no. 3 774-783 O '68.
- Luzhik, A. M., Tretyak, Z. A. - Hydrogen bonding and bands of intramolecular charge transfer. *Ukr. khim. zhur.* 34 no. 11 1098-1099 '68.
- Belomyshina, A. A., Savitskiy, V. I., Krasnitskiy, I. L. - Influence of substituents on the polarity of π - π 5-halogen bonds and reactivity of RSO₂ halogen-type compounds. *Izv. AN SSSR Ser. khim.* no. 12 2730-2738 D '68.
- Naumovskiy, A. M., and others. - Structure of cyclo-pentadienyl derivatives of nontransition metals of periods V and VI. *Dokl. AN SSSR* 183 no. 3 364-369 '68.
- Banadze, B. V., Iosadze, A. V. - Intensity of infrared bands ν (A-H) and the hydrogen bonds. Part 2. H-complexes of phenol with some carbonyl and phosphoryl compounds. *Zhur. prikl. spekt.* 8 no. 5 801-808 Ja '67.
- Rezhina, O. A., and others. - Study of isomerization of n-propyl radical in benzotrifluoride solution. *Zhur. org. khim.* 4 no. 11 1859-1874 M '68.
- Shavitskiy, L. O., Vysotskiy, M. A. - Catalytic oxidation of substituted benzenes by hydrogen peroxide. *Zhur. org. khim.* 4 no. 11 1875-1880 M '68.
- 541.6 Chemical structure in relation to properties
- Akhmedov, A. A., and others. - Synthesis and stereoisomerism of N-oxides of the deoxythymine series. *Report No. 3* N-oxides of some spiners on C₉ 4-substituted 1,2-dimethyldeoxythymine. *Izv. AN SSSR Ser. khim.* no. 12 2776-2781 D '68.
- Babko, A. K., Krut'ko, M. P., Tashchenko, M. M. - Infrared spectra and structure of compounds formed by thioacetic acids complexes of metals with pyrazolone and diethylpyrazolone. *Ukr. khim. zhur.* 34 no. 11 1184-1193 '68.
- Berdinskii, L. S. - Substituted hydrazides of hydroxy-carboxylic acids. Part 5: Complexes of arylhydrazides of hydroxybutyric acids with SnCl₄. *Zhur. ob. khim.* 36 no. 13 2737-2742 D '68.
- Baratov, V. A., Dobov, L. S., Alakseeva, E. S. - Effect of structure characteristics of cord fibers on their properties. *Vysokom. soed. Ser. A* 10 no. 12 2727-2735 D '68.
- Boriseva, M. P. - Calculation of polyacrolein structure for radical polymerization. *Zhur. strukt. khim.* 3 no. 5 518-519 S-O '68.
- Borodina, V. M., Tolstaya, S. M., Tashchenko, A. B. - Effect of the form of filler particles on the kinetics of structure formation in polymer solutions. *Koll. zhur.* 36 no. 5 61-64 M-D '68.
- Derezhnaya, M. M., and others. - Effect of grafted chain length and homopolymer on the properties of graft copolymers. *Vysokom. soed. Ser. A* 10 no. 12 2743-2752 D '68.
- Finkel'shteyn, A. V., Tarasova, M. A., Karelina, L. S. - Absorption spectra and reactivity of some aromatic compounds. Part 17: Hydrogenation of substituted derivatives of benzocyclohexene. *Reakts. spets. org. soed.* 5 no. 3 760-763 O '68.
- Fisher, L. E. - Conference on "Structure of water and aqueous solutions." *Zhur. strukt. khim.* 3 no. 5 625-628 S-O '68.
- Golova, M. M., Kravtsovskiy, A. M., Chuzov, V. M. - Changes of the structure of short-range order and character of chemical bond on melting and heating of melts of oligoacetylenes of IV group elements with galactose structure. *Izv. AN SSSR Ser. khim.* 4 no. 11 1856-1857 M '68.
- Golovinskiy, I. U. M., Kutsenko, T. G., Zakhvorniy, L. L. - Special features of the electronic structure and thermoelectric properties of organic solids. *Izv. AN SSSR Ser. khim.* 4 no. 11 1815-1819 M '68.
- Orlovskiy, A. P. - Colling forms of molecules of unsaturated normal hydrocarbons in the presence of rotational isomerism. *Zhur. khim. khim.* 42 no. 7 1232-1234 Ji '68.
- Lakhtina, B. D., and others. - Effect of the surface active agents on the structure formation processes in mineral polymer dispersions. *Koll. zhur.* 30 no. 5 604-607 M-D '68.
- Ushakov, L. K., and others. - Alkyl compounds. Part 2: Dipole moments and conformation of 3,4-dialkyl-5-alkoxymethyl- and 3,4-dimethyl-5-alkoxymethyl-1,2-dioxanes. *Zhur. org. khim.* 4 no. 11 1874-1880 M '68.
- Yakov, V. V., and others. - Maximum concentration of dioxane determined by means of a model reaction between dioxane and methylal. *Dokl. AN SSSR* 183 no. 3 371-373 '68.
- Yashchenko, I. A. M., and others. - Physiological activity of some chlorine-substituted pyridine derivatives. *Khim. prom. Ukr.* no. 4 24-26 M-D '68.
- Jones, L., and others. - Stabilization of polyolefins by 2-phenyl-1,2-hexadecane derivatives. *Ukr. exp. RPI* 37 no. 1 11-16 '67.
- Kashchenko, Z. P., Parnell, A. P. - Multimeric complexes of Fe²⁺ with ethylenediaminetetraacetic acid. *Khm. fiz. khim.* 42 no. 7 1268-1269 Ji '68.
- Kalashnik, S. L., Avdeev, R. I., Shchekina, O. I. T. - X-ray analysis of diformoyl, its derivatives, and of terferrocenyl. *Zhur. strukt. khim.* 3 no. 5 568-572 S-O '68.
- Kerikina, M. I., and others. - Effect of structure formation in aqueous films on coating properties. *Vysokom. soed. Ser. A* 10 no. 12 2753-2758 D '68.
- Kuznetsov, V. M., Pyrkina, I. A. K. - Hyperfine structure of electron paramagnetic resonance spectra of metal ketals. *Zhur. strukt. khim.* 3 no. 5 534-543 S-O '68.
- Kiprianov, A. I., Varkovskiy, T. M. - Cyanine dyes with two conjugated chromophores. Part 2. *Zhur. org. khim.* 4 no. 11 1881-1886 M '68.
- Kolokolov, G. S., Fedotova, O. I. A. - The Zoned Tin. - Synthesis and study of polybutadienes. *Vysokom. soed. Ser. A* 10 no. 12 2759-2768 D '68.
- Kondratov, V. E. - Theoretical study of dipole moments of nitrogen heterocycles. *Zhur. khim. khim.* 42 no. 7 1267-1269 Ji '68.
- Kul'man, R. A., and others. - Surface properties of polyvinylformals. *Koll. zhur.* 36 no. 5 640-643 M-D '68.
- Kutshin, V. M., Grigorovich, V. I. - Optical activity of chlorophyll and keto-enol tautomers of cyclic β -ring. *Khm. prirod. soed.* 3 no. 154-157 '67.
- Landa, M. A., and others. - Calculation of the ionization potentials of halo-substituted ethylene by the method of molecular orbitals. Part 2. *Zhur. khim. khim.* 42 no. 7 1260-1261 Ji '68.
- Landau, M. A., Dubov, S. S., Medvedev, A. X. - Calculation of the ionization potentials of halo-substituted ethylene by the simple method of molecular orbitals. *Zhur. khim. khim.* 42 no. 7 1272-1278 Ji '68.
- Lipakov, I. U. A. - Effect of boundary surface on structure and structure of three-dimensional polymers. *Vysokom. soed. Ser. A* 10 no. 12 2777-2782 D '68.
- Lukashin, B. V., Koshlykova, L. A. - Normal vibrational frequency calculation of the central point of chain compounds containing atoms of the group III-VI. *Zhur. strukt. khim.* 3 no. 5 544-545 S-O '68.
- Melinskii, I. U. M. - Relaxation and structure transition in polymer layers. *Vysokom. soed. Ser. A* 10 no. 12 2783-2788 D '68.
- Minkin, V. L., Brodskiy, V. A., Malysheva, E. E. - Structure and dipole moments of azomethine. Thermodynamic properties of alkylhydrazine group. *Zhur. khim. khim.* 42 no. 12 2753-2759 D '68.
- Nikolovskiy, G. V., Lopotova, A. A., Umanov, E. D. - Study of the molecular structure of different salts compounds modified with formaldehyde. *Vysokom. soed. Ser. A* 10 no. 12 2823-2830 D '68.
- Oskov, B. M., Solov'yev, N. L., Rode, E. I. A. - Thermographic and thermogravimetric study of partially oxidized calcium salt of 12-boromaleic acid. *Ukr. khim. zhur.* 12 no. 4 13-5 '68.
- Pavlov, B. P. - Structural characterization of polymers obtained from copolymerized solutions. *Vysokom. soed. Ser. A* 10 no. 12 2801-2808 D '68.
- Mate, M. A. - Role of chemical and structural effects in the modification of polymers. *Vysokom. soed. Ser. A* 10 no. 12 2809-2815 D '68.
- Pono, D., and others. - Mechanism of chemical modification of polymers by acid anhydrides. *Ukr. exp. RPI* 37 no. 1 13-17 '67.
- Shchekina, M. G., Kharshenko, M. M., Tashchenko, M. M., L. L. - Study of DNA-related RNA polymerase and neuronal nuclei. *Reakts. spets. org. soed.* 5 no. 3 764-765 O '68.
- Rogov, V. R., Chornyi, M. M., Dobov, T. S. - Effect of ultraviolet radiation on structure of polymers. *Khm. prom. Ukr.* no. 4 25-28 M '68.
- Salikov, A. M., and others. - Synthesis and properties of carbon linear polymers. *Izv. AN SSSR Ser. khim.* 42 no. 12 2704-2705 D '68.
- Tarshenkov, M. V., and others. - New method of synthesizing hindered amine-alkylpolyoxazoles. *Izv. AN SSSR Ser. khim.* no. 12 2789-2790 D '68.
- Torshuk, V. A., and others. - Study of the electronic properties of organotin compounds by the infrared spectroscopy method. *Zhur. khim. khim.* 42 no. 7 1258-1261 Ji '68.
- Tronov, D. V., Romanchukova, L. A., Tronov, A. B. - Study of reaction in ketone-methyl alcohol-ethyl alcohol by means of infrared spectra. *Zhur. khim. khim.* 42 no. 12 2791-2794 D '68.
- Ushakov, L. P., and others. - Kinetics of bond cleavage and reactivity of heterocyclic compounds. Part 5: Effect of medium composition on the rate of hydrogen exchange of a nitrogen-containing heterocycle. *Reakts. spets. org. soed.* 5 no. 3 766-767 O '68.
- Vinogradova, S. V., and others. - Poly(3,4,4'-oxadiazole-1,2,3,4'-oxadiazole). *Izv. AN SSSR Ser. khim.* no. 12 2827-2830 D '68.
- Volynskiy, I. A., Polynskiy, B. I., Kravtsov, V. D. - Spectra of monomer dyes and structurally symmetrical dyes. *Vysok. Kyriv. na Ser. fiz. i khim.* no. 8 102-104 '68.
- Zakharov, I. P., and others. - Synthesis of azobenzene and pterin methods of the evaluation of homopolymer of molecular. *Zhur. ob. khim.* 36 no. 13 2761-2768 D '68.
- Zakharov, G. M., Lebedev, I. A., Tashchenko, M. I. - Line shape in electron paramagnetic resonance spectra of porphyrin type radicals in oriented polymers. *Zhur. strukt. khim.* 3 no. 5 541-543 S-O '68.
- Zakharov, P. I. - Structural conversion in polymer dispersions. *Vysokom. soed. Ser. A* 10 no. 12 2769-2771 D '68.
- 541.7 Allotropy. Physical isomerism
- Shchekina, P. P. - Polymorphic significance of the polymorphism of MgSO₄ and mineralogical aspects of pyroxene associated with them. *Izv. AN SSSR Ser. khim.* no. 12 2831-2835 D '68.
- 541.8 Solutions and solubility in general
- Ivanovskiy, I. G., Vildskina, I. V. - Solubility isotherms of the system nickel chloride-thioacetamide, and water 30 and 80°. *Zhur. ob. khim.* 36 no. 13 2744-2745 D '68.
- Yashin, V. A. - Conference on "Structure of water and aqueous solutions." *Zhur. strukt. khim.* 3 no. 5 527-530 S-O '68.
- Priluchskiy, J., Lebedev, G. L. - Solubility and structure of some organic semiconductors. *Zhur. khim. khim.* 42 no. 12 2801-2808 D '68.
- Galkin, I. S., Gavrilin, M. L. - Spectroscopic study of the solubility of electrolytes for temperature range of the presence of liquid aqueous solutions. *Khm. khim.* no. 5 8-14 '67.
- Gavrilin, M. S., Gerasimov, N. L., Usakov, E. I. - Superfine structure of RPR lines in liquid solutions of Ti³⁺. *Zhur. strukt. khim.* 3 no. 5 544-547 S-O '68.
- Grigorovich, V. L., Shchekina, O. I. A. - Stabilization of water structure by nonelectrolyte molecules and solubility. *Zhur. strukt. khim.* 3 no. 4 494-495 Ji-Ag '68.

Golodets, G. I., Plaminskii, I. I. - Some regularities of heterogeneous catalytic reactions with the participation of molecular oxygen. Report No. 3 Complete oxidation of organic substances. *Kataliz i katalizatory*, no. 4:41-51 '66.

Graps, A. F., Labedava, N. V., MaFnikov, M. N. - From the field of organic isocyanatoglycidates. Interaction of acid chlorides of *N*-dibenzylisocyanatyl and isocyanatophenyl acids with thiophenols. *Zhur. obshch. khim.* 34 no. 2 '68.

Grolchuk, D. L. and others. - Bis-(β -chloroethyl sulfide). Report No. 1 Derivatives of α -methyl- α -chloro- β -(β -chloroethylthio)propionic acid and α -methyl- α -(β -chloroethylthio)- β -chloropropionic acids. *Izv. AN SSSR Ser. khim.* no. 12:2764-2775 '68.

Grunbikov, G. P., Shorygina, E. N. - Nitration of some methylated lignins by alcoholic solution of nitric acid. *Izv. AN SSSR Ser. khim.* no. 12:2788-2793 '68.

Ishina, O. G., and others. - Organoxino and organometal analysis of vinylacetylene ketones. *Zhur. org. khim.* 4 no. 10:1004-1008 '68.

Iurkovich, A. M., Rudakov, I. P., Prokoshchinskii, N. A. - Synthesis of organocatalytic derivatives of β -deoxyacetone and α -ketoglutaraldehydes. *Khimi. prirod. soed.* 3 no. 5:48-51 '67.

Iurkovich, A. I., Vilasov, R. L., Kocharskyi, A. B. - Copolymerization of tert-butyl peracrylates with diene and vinyl monomers. *Vysokiy LPI* no. 10:90-95 '66.

Iurshchenko-Shapovalova, T. M., and others. - Micro-reaction of the method of prompt introduction (for studying the catalytic reactions under continuous and pulse conditions. *Kataliz i katalizatory*, no. 4:194-199 '68.

Jankova, I., and others. - Stabilization of polyolefins by phenylazulinedione derivatives. *Uch. zap. RPI* 37 no. 10:87-93 '67.

Jankova, I., and others. - Stabilization of polyolefins by 2-phenyl-1,3-bisulfinone derivatives. *Uch. zap. RPI* 37 no. 10:10-18 '67.

Jurk, K., Radevsky, H. - Synthesis of polycarbonates based on alkylresorcinols. *Trudy TPI Ser. A* no. 242 21-28 '68.

Kadyrov, Ch. Sh., Levashina, G. V. - Alkylation of aromatic compounds with γ -valerolactone. *Uch. khim. zh.* 12 no. 4:40-42 '68.

Khalatkyi, A. M., Tsarman, O. G. - Synthesis and study of β -chloroethylthio derivatives in the series of 1,3,4-trithianes. *Report No. 2, Farmakol. zhur.* 31 no. 5:6-14 '66.

Khalilov, R. A., Tatarova, M. N., Mal'nikov, M. N. - From the field of organic isocyanatoglycidates. Thionyl-chloro isomerization of O, O-dialkylthiophosphates of quaternary phosphonium. *Zhur. obshch. khim.* 38 no. 5: 2953-2958 '68.

Kholodkov, L. P., and others. - New method for determining the stationary degree of separation in column-type apparatus based on the initial part of kinetic curve. *Mosk. prot. khim. tekhnol.* no. 2:18-20 '67.

Kiril'ko, V. N., Usatkin, I. P., Gilevich, V. M. - Extraction of CO₂ from the gas mixture by low temperature absorption with acetone. *Mosk. prot. khim. tekhnol.* no. 3 41-43 '67.

Kolomoichuk, V. T., Bilozor, T. K. - Synthesis of some 2,3-derivatives of 1,4-malephosphone and analogs of myricetin. *Vysokiy LPI* no. 10:17-21 '66.

Koltakov, K. S. - Study of mass transfer in the range of low concentrations as exemplified by the description of benzene, toluene, and gasoline from aqueous solutions. *Mosk. prot. khim. tekhnol.* no. 2:17-23 '67.

Kopp, R. E., Ghekiel, P. L., Akimov, K. S. - Effect of polydialkylamides of a different degree of hydrolysis on dissolution processes of β -Cg5 in water. *Uch. khim. zh.* 12 no. 5:48-58 '68.

Korol'kov, K. M., Derkavich, L. A., Dolgoplov, S. L. - Approximate method for determining the time of sorption effect of layer during sorption of gas mixture on zinc acetate. *Mosk. prot. khim. tekhnol.* no. 2: 90-97 '67.

Koshelava, L. M., Konevsk, M. M. - Use of osmotic measurements in determination of molar molecular weight of polymers by the osmotic method. *Vysok. soed. Ser. A* 10 no. 1:19301-19309 '68.

Kozak, M. I., Kiril'ko, V. M. - Changes of work function of semiconductor catalyst during sorption of some vapors as compared with photoconductivity and catalytic activity. *Kataliz i katalizatory*, no. 4:100-106 '68.

Kozlov, M. A., Mal'nikov, I. V., Iashkov, A. A. - Hydrolysis of phosphoric ester of glyceric aldehyde in the presence of amino acids. *Uch. khim. zhur.* 34 no. 10:1147-1148 '68.

Krestov, G. A. - Thermodynamic characteristics of structural changes of water combined with hydration of polyatomic and complex ions. *Zhur. strukt. khim.* 3 no. 4:403-410 '62.

Kuznetsov, H. M., Boldyrev, B. H., Iarysh, M. M. - Hydrolysis of thioamides esters. *Vysokiy LPI* no. 10:7-13 '66.

Kuznetsov, A. A. - Action of semiconductor catalysts in catalytic decomposition of vapors of hydrogen peroxide. *Kataliz i katalizatory*, no. 4:106-108 '68.

Kuznetsov, M. D., Kuznetsov, K. R. - Problems of the determination of absorptive resistance of gas and liquid phases. *Mosk. prot. khim. tekhnol.* no. 2:13-24 '67.

Lazdika, V. I., and others. - Bimetallic-antimony-oxidizing catalysts of the reaction of propylene oxidation. *Kataliz i katalizatory*, no. 4:96-98 '68.

Lavich, V. G., Chumachenko, I. A., Khariata, I. I. - Work of the porous grain of catalyst in an isothermal reaction of (fractional) order. *Mosk. prot. khim. tekhnol.* no. 2:18 '67.

Lavich, V. G., Khariata, I. I., Platin, L. M. - Effect of the external diffusion stagnation on the process in porous catalyst. *Mosk. prot. khim. tekhnol.* no. 2: 15-18 '67.

Lisacov, V. K., and others. - Study of the chemical of formation of iron-molybdenum of impregnated catalyst. *Kataliz i katalizatory*, no. 4:98-100 '68.

Litvinenko, L. M., Savolova, V. A. - Effect of the solvent on the formation rate of aryl azobenzene. *Reaktiv. spos. organ. soed.* 5 no. 3:662-666 O '68.

Lisner, N. K., Ruvov, M. T. - Effect of diffusion transfer of substances on the selectivity of catalytic hydrogenation of carbon monoxide into alcohols. *Kataliz i kataliz. no. 4:137-140 '68.*

Litvinenko, L. M. - Synthesis and some properties of methiono acid derivatives. *Vysnyk LPI no. 18:123-125 '68.*

Martynovich, M. G., Ruvov, M. T., Banchenko, N. P. - Study of separate and combined chemisorption of nitrogen and hydrogen in pre-synthesis conditions on twice promoted iron catalyst. *Kataliz i kataliz. no. 4:139-138 '68.*

Martynova, K. G., and others. - Synthesis of β -isopropyl-tertrah. *Zhur. organ. khim.* 4 no. 11:801-803 N '68.

Melitsin, I. I. G., Orlovchenko, A. K., Borovoi, I. A. - Mathematical model of a reactor for oxidation on polymerization of vinylacetylene. *Khim. mashinost. no. 7:108-114 '68.*

Mikhailov, B. I., Lapchev, V. L., Sopina, V. F. - Synthesis of some unsaturated esters of ethyldiene- and chloroethyldiene-derivatives of D-glucose. *Zhur. ob. khim.* 28 no. 11:2018-2018 D '68.

Mikhlin, I. V., Mikhaleva, L. B. - Synthesis of peptides by means of p-dimethylamino-alkyl esters. *Zhur. ob. khim.* 28 no. 12:2127-2130 D '68.

Mokryy, V. I., Tolykova, D. K. - Inhibition of the oxidation process of esters by diatomic phenols. *Vysnyk LPI no. 14:3-8 '68.*

Mokryy, D. K., Mokryy, Kh. Z. - Study of the hydrolysis of methylglycidate. *Vysnyk LPI no. 10:48-54 '68.*

Mokryy, D. K., Mokryy, Kh. Z., Tolykova, D. K. - Oxidation of unsaturated alcohols on copper catalyst. *Vysnyk LPI no. 10:31-38 '68.*

Murin, G. M., Mikhailov, G. V., Dobovitskiy, V. L. - Thermal decomposition of fluorocarbon-oxazirone and related compounds. *Izv. AN SSSR, Ser. khim.* no. 12:2582-2583 D '68.

Naritskiy, V. G., Bliznova, G. G., Zhilinskaya, T. D. - Synthesis and study of fluorine-containing aryl- and aralkyl- β -haloalkoxy- α -amides *Zhur. ob. khim.* 28 no. 12:2123-2128 D '68.

Nemetskiy, A. N., and others. - Photochemical substitution of triphenylphosphine in vanadium and niobium complexes by toluene and carbon monoxide. *Izv. AN SSSR, Ser. khim.* no. 12:2614-2615 D '68.

Orlovchenko, I. I. A., Kirichuk, A. A., Koshvalskaya, I. V. - Synthesis of peptides on polymer carrier in a solution. Part II. Principles of the method and synthesis of glycyglycyl-L-phenylglycinate. *Zhur. ob. khim.* 28 no. 12:2424-2436 D '68.

Orlovchenko, I. I. A., Kirichuk, A. A., Koshvalskaya, I. V. - Synthesis of peptides on polymer carrier in a solution. Part I. Synthesis of L-valyl-L-tyrosyl-L-valyl-L-tyrosyl-L-protyl-L-phenylalanine and Gly-Gly-M-C tripeptides. *Zhur. ob. khim.* 28 no. 12:2386-2397 D '68.

Panasik, V. D., Malachuk, M. F. - Kinetics of acid hydrolysis reaction of chloroethylenediamineplatinum in aqueous-organic solutions. *Ukr. khim. zhur.* 34 no. 11:1377-1383 '68.

Parshchik, N. M., Zharavlev, A. K., Zambotinik, V. A. - Production of pyroresistant ferroelectric materials based on the system $PbO - TiO_2 - HgO_2 - HgO$. *Izv. AN SSSR, Neorg. soed.* 4 no. 11:2646-2648 M '68.

Peir Aleksandrovich Reider (on his 78th birthday. *Ukr. khim. zhur.* 34 no. 8:78-79 '68.

Plisnina, L. M., Kharala, I. I. - Stability of the conditions of exothermal reaction on porous catalyst. *Moscow. prot. khim. tekhnol.* no. 3:18 '67.

Plisnina, V. M., and others. - Aromatic fluorine derivatives. Report No. 21. Reaction of benzofluorene with potassium fluoride. *Izv. AN SSSR, Ser. khim.* no. 12:2732-2738 D '68.

Pobedintsev, D. G., Buzichuk, A. L. - Mechanism of the inhibiting action of phosphates and sulfides. Report No. 3. Kinetics and mechanism of the reaction between hydrocarbons and sulfides. *Izv. AN SSSR, Ser. khim.* no. 12:2720-2738 D '68.

Pobedintseva, O. I., Zelenyay, D. T. - Oxidation of the products of gas acid hydrolysis of polyacetal peroxides in alkaline medium. *Ukr. khim. zhur.* 33 no. 4: 41-45 '68.

Ponomarev, V. M., Melitskiy, I. P. - Synthesis and oxidation of thiazole on acid catalysts. *Moscow. prot. khim. tekhnol.* no. 3:10-13 '67.

Ponomarev, V. V., Golobov, B. A., Aprianov, K. A. - Mechanism of polycondensation of hexamethyldisilyl-polyacetylene and of some other transformations of organosilanes under the effect of $AlCl_3$. *Izv. AN SSSR, Ser. khim.* no. 12:2018-2018 D '68.

Popova, L. L., Medvedev, I. D., Mikhlin, V. I. - Basicity and structure of atomospheres and their structural analogs. Part 2: Effect of meta-aryl substituents on the basicity of $(H-dimethyl-H)(\beta, \gamma)$ -di-aminophenyl. *Reaktiv. spos. organ. soed.* 5 no. 3:662-666 O '68.

Razin, V. M., Piranov, A. I. - Study of splash removing in packed towers. *Moscow. prot. khim. tekhnol.* no. 3: 44-45 '67.

Riznitskiy, H., Korolov, E. - Synthesis of alkylbenzols by the method of alkylation in the presence of $KAlCl_4$. *Trudy TPI, Ser. A* no. 24:467-73 '67.

Riznitskiy, H., Mirsk, M. - Study of the catalytic decomposition of hydrocarbons and oxygen compounds. Report No. 3. *Trudy TPI, Ser. A* no. 24:138-48 '67.

Riznitskiy, H. T., Riznitskiy, H. K. - Decomposition of arecols in the presence of water vapor. *Trudy TPI, Ser. A* no. 24:112-24 '67.

Riznitskiy, G. A., Lashova, V. N., Litvinov, A. M. - Reaction of vanadium tetrachloride with alkylthiophenyl. *Izv. AN SSSR, Ser. khim.* no. 12:2618-2623 D '68.

Kharashev, G. A., Shokartskov, V. I., Kufary, A. Y. Reaction of alkylaryl organomercury compounds with cobaltophen. *Izv. AN SSSR, Ser. khim.*, no. 12:282-271 D '68.
 Rastik, V. S., Kravtsov, I. I., Pustikov, K. G. - On chemical transformations of N- α -acyl- α -amino acids. *Izv. AN SSSR, Ser. khim.*, no. 12:121-122 D '68.
 Bispolodskaya, I. M., Mikhaylov, V. K. - Reactions of keto alcohols with organophosphorus compounds. *Izv. AN SSSR, Ser. khim.*, no. 12:178-179 D '68.
 Rodion, V. A. - Interrelations between characteristics of catalyst and catalytic reactions. *Kataliz i kataliz. no. 4:17-22* '68.
 Sokharov, D. A., and others. - High temperature reduction of silicon dioxide to silicon monoxide. *Izv. AN SSSR, Ser. khim.*, no. 11:2035-2036 M '68.
 Savolova, V. A., Litvinenko, L. M. - Some special features of the effect of medium polarity on crystal resolutions. *Russk. spets. org. soed.* 5 no. 3:68-70 O '68.
 Sedelnikova, E. A., Smolodtsova, O. A., Zaslavskaya, I. I. - Reversible synthesis of oligonucleotides. Part 2: Kinetic analysis of α -alkoxyalkyl groups in O-alkyl derivatives of nucleosides and nucleotides. *Dokl. Akad. khim.*, no. 10:2245-2247 O '68.
 Sedelnikova, E. A., Zaslavskaya, I. I. - Reversible synthesis of oligonucleotides. Part 3: O- α -alkoxyalkyl derivatives of uridine. *Zhurn. ob. khim.*, no. 36:2215-2220 D '68.
 Smolodtsova, E. A., Vlasov, M. V. - Synthesis of ethylene properties of some unsaturated cyclic esters. *Zhurn. org. khim.*, no. 4:1167-1169 M '68.
 Stekhanovskaya, G. M., Sokolova, I. A., Dzaghe, M. I. Study of amino acids. Part 4: Synthesis of γ -amino- α -hydroxy acids. *Izv. AN SSSR, Ser. khim.*, no. 12:235-236 D '68.
 Mitrak, M. A., Rastvorov, I. I. - Study of the catalytic action of hydrocarbons and organo compounds. *Dokl. Akad. khim.*, no. 10:2452-2457 O '67.
 Mitrak, M. A., Rastvorov, I. I. - Study of the process: catalytic decomposition of hydrocarbons and organo compounds. *Report No. 3. Zhurn. ob. khim.*, no. 36:215-216 D '68.
 Akolov, I. Radoshenko, D. E., Ippov, V. D. - Accelerated formation of acetone from acetaldehyde. *Khim. zhurn. tekh.*, no. 3:155-157.
 Akolov, I. M., Mikhlin, I. V., Radoshenko, V. M. Synthesis of α -hydroxy ketone in a glow discharge. *Izv. AN SSSR, Ser. khim.*, no. 12:1808-1807 D '68.
 Akolov, I. M., and others. - Synthesis and properties of carbon fiber polymers. *Izv. AN SSSR, Ser. khim.*, no. 12:277-278 D '68.
 Akolov, I. M., Borisova, M. M., Kharashev, G. A. Liquid - vapor phase equilibria systems of organic - inorganic compounds and acetaldehyde. *Khim. zhurn. tekh.*, no. 3:83-84 '67.
 Akolov, I. M., Borisova, M. M., Kharashev, G. A. Reversible laboratory synthesis of carbon acids for the preparation of α -hydroxy ketones. *Khim. zhurn. tekh.*, no. 3:80-82 '67.
 Spasenkova, M. Y., Chernyi, A. M., Iagoda, V. A. - Temperature kinetic determination of activation energy of reaction processes of trivalent selenium and tellurium with a mercury γ cathode. *Izv. Vys. shkoly, khim. i khim. tekhn.*, no. 11:1232-1231 '68.
 Murin, Z. and others. - Synthesis of α -hydroxy ketones from a mixture of methyl methacrylate and β - α -lactams. *Uzb. khim. zhurn.*, no. 4:48-52 '67.
 Salysa, I. M., Kharashev, G. A. - Rate-phase catalytic oxidation of acetone into acryloyl acid. *Vysp. LR*, no. 10:37-41 '68.
 Kurova, I. A., Rostopova, V. M. - Interaction of α -nitroalkyls of benzoyl - D, L-arginine with 4-thiouracil-4-thiopropanes. *Khim. zhurn. tekh.*, no. 3:83-84 '67.
 Tarkhanov, M. V., and others. - New method of synthesizing hindered gem-dialkylglyoxalacetals. *Izv. AN SSSR, Ser. khim.*, no. 12:1773-1774 D '68.
 Tlov, A. A. - Analysis of phase transfer process in the films. *Khim. zhurn. tekh.*, no. 3:83-84 '67.
 Trilinskii, A. D. and others. - Method for determining the effectiveness of the action of structural phases of column apparatus. *Khim. zhurn. tekh.*, no. 3:125-127 '67.
 Toka, A., and others. - Problems of the synthesis of polyamides. *Uzb. zap. RIT* 31 no. 1:64-77 '67.
 Tsvetkov, M. V., Babuga, V. A., Peresvetova, Y. K. Mechanism of "swearing-in" process of iron catalyst of ammonia synthesis. *Kataliz i kataliz. no. 4:55-58* '68.
 Tykhanov, V. A., Boronitsyn, O. Y., Kozlov, T. Y. Kinetics of the diisobutyl ferrocene hydride process. *Vysp. LR* no. 10:101-105 '68.
 Udalov, I. P., Vidorovich, K. M. - Molecular transport of tellurium in the gas phase. *Izv. AN SSSR, Ser. khim.*, no. 11:2023-2024 M '68.
 Varlamov, M. L., and others. - Use of high voltage and electric discharges in pulp for intensification of acid decomposition of apatite concentrates. *Khim. zhurn. tekh.*, no. 3:138-140 '67.
 Varlamov, M. L., Koshlov, I. V., Artyur, T. P. - Catalytic action of absorption process of nitrogen oxides of low concentrations in froth apparatus with silicic acid of multi-stage planning experiment. *Khim. zhurn. tekh.*, no. 3:133-210 '67.
 Yavva, J., Karm, K., Pichas, R. - Study of polymer electrolyte membranes. Part 3: Report No. 3. Structure and photoelectrical properties of C60 films obtained by the chemical method. *Trudy TPI, Ser. A* no. 3:67-68 O '68.
 Yavva, J., Schwede, J. - Study of polymer electrolyte membranes. Part 4: Report No. 4. Effect of thermal treatment (annealing) on electrochemical properties of polymer electrolyte membranes. *Trudy TPI, Ser. A* no. 3:68-69 O '68.

60.9 (Continued)

1. Valchenko, M. A., and others. - Organoboron compounds. Report No. 181. Synthesis and study of the thermal stability of polydimethylsiloxanes with boronate cycles in the main chain. *Izv. AN SSSR, Ser. Khim.* no. 12: 2717-2744 D '68.
 2. Valchenko, M. A., and others. - Neotriazoles of superphosphate with phosphoric powder. *Trudy TPI, Ser. A* no. 264: 10-12 '67.
 3. Yeliseyeva, H. A., Bolydyrev, B. H., Kravtsov, V. D. - Synthesis of monomer dyes and microscopically dyed polymers. *Vysok. LPI* no. 19: 21-24 '68.
 4. Vorobeychikov, M. G., Khachatryan, L. A. - Hydrolysis of linear and cyclic polyoxymethyleneoxanes. *Zhur. ob. khim.* 36 no. 10: 1377-1381 O '68.
 5. Vorobeychikov, M. A., and others. - Ionization constants of some ring-substituted benzoxazoles and benzoxazolinones. *Rezh. sp. org. soed.* 5 no. 3: 695-712 O '68.
 6. Dymarskiy, V. M., and others. - Vapor-phase oxidation of acrolein and malononitrile to acrylic and methacrylic acids. *Vysok. LPI* no. 10: 67-69 '68.
 7. Zakharenko, V. M., Makovetskii, I. P. - New derivatives of benzimidazole - benzimidazolebenzimidazoles. *Ukr. khim. zh.* 34 no. 11: 1161-1166 '68.
- ## 60.10 Analytical chemistry
1. Melnikova, S. A., and others. - Qualitative determination of phytin by the amperometric titration method. *Ush. khim. zh.* 13 no. 2: 14-18 '68.
 2. Melnikova, S. A., and others. - Analysis of errors in measuring the pH factor based on the titration error of standard buffer solutions. *Pril. i. anal. opr.* no. 8: 10-12 S '67.
 3. Kishin, V. V., and others. - Some problems of automatic industrial analysis of liquids. *Pril. i. anal. opr.* no. 8: 3-5 S '67.
 4. Gidys, G. M., Il'ma, V. A., Moschinskaya, V. V. - Determination of salts of some organic acids by titration with tetraethyl ammonium hydroxide. *Zav. lab.* 32 no. 8: 1040 '68.
 5. Gerasimov, N. M. - Transformation of electrochromic and hyperchromic waves in photocopying. *Vys. i. ser. tola* 16 no. 4: 497-502 Ap '68.
 6. Gerasimov, N. M., and others. - Qualitative determination of caffeine with an aqueous solution of iodine bromide. *Ush. khim. zh.* 13 no. 3: 19-21 '68.
 7. Gerasimov, N. M., and others. - Effect of additions on the electrochromic properties of nickel-silver formates. *Trudy IREAN* no. 24: 123-125 '64.
 8. Orlov, A. S., and others. - Experimental study and evaluation of the reliability of elements and assemblies of analytical instruments. *Pril. i. anal. opr.* no. 12: 13-14 D '68.
 9. Derzhavskaya, N. K. - Moscow seminar on analytical chemistry. *Zhur. anal. khim.* 23 no. 11: 1785-1790 Y '68.
 10. Melnikova, S. A., and others. - Tannic acid and other substances studied by means of extraction. *Ush. khim. zh.* 34 no. 11: 1163-1171 '68.
 11. Kuznetsov, V. V. - Tannic acid is 60 years old. *Ush. khim. zh.* 34 no. 4: 68 '68.
 12. Kuznetsov, V. V. - Development of analytical instruments as an important condition of technological progress. *Pril. i. anal. opr.* no. 8: 1-3 S '67.
 13. Torgov, M. A., Logvinov, L. G., Logvinov, A. M. - Chemical mechanism of alkali builders. *Tsvetn. 34* no. 8: 9-10 K-D '68.
 14. Melnikova, S. A., and others. - Determination of water in butyl alcohols by measuring the dielectric constant. *Zav. lab.* 32 no. 7: 830-831 '68.
 15. Vetrov, G. M., Kotova, T. V. - Determination of the gravimetric composition of a filler using a low-temperature oxidation method. *Zav. lab.* 34 no. 10: 1213-1214 '68.
- ## 60.11 Special chemical methods of analysis and assay
1. Arsenova, L. A., and others. - Qualitative analysis of local hydrogen distribution in metals. *Zav. lab.* 34 no. 10: 1180-1201 '68.
 2. Alkha, G. P., Kiselev, K. S., Abramov, V. M. - Polarographic determination of nitrobenzidine. *Zav. lab.* 32 no. 7: 803-804 '68.
 3. Melnikova, S. A., and others. - Quantitative determination of phytin by the amperometric titration method. *Ush. khim. zh.* 13 no. 2: 14-18 '68.
 4. Baykov, V. M., Malyev, M. M. - Chemical and dispersion composition of the insoluble residue from a nitro acid solution of Karan phosphorites. *Ush. khim. zh.* 13 no. 4: 63-71 '68.
 5. Melnikova, S. A., Mikhomirova, O. P. - Polarographic method for the determination of vitamin B₁₂. *Khish. i. med. prom.* 13 no. 11: 8-9 Y '68.
 6. Belosereva, E. M., Bobrovskaya, M. M., Dashuk, L. A. - Reaction of germination tetrahalides with α and β -alanine. *Zhur. ob. khim.* 36 no. 10: 1373-1374 O '68.
 7. Gerasimov, N. M., Drakina, M. V. - Polarographic determination of α and β -triiodoacetic acid and its sodium salt in a technical product. *Zav. lab.* 32 no. 8: 1040-1041 '68.
 8. Buzgalyk, V. D., Kheifets, L. A., Bobba, M. A. - Mechanism of polarographic reduction of hexaazathiazepines in different media. *Zhur. ob. khim.* 36 no. 10: 1374-1377 O '68.
 9. Berezin, M. K., Kalinicheva, I. I. - Microchemometric study of the soluble red nickel dimethylglyoximate complex. *Zhur. anal. khim.* 23 no. 11: 1663-1665 Y '68.
 10. Chikryova, M. G., Khramenko, V. A. - Potentiometric titration of phenols with ortho- and para-substituted phenols. *Izv. AN Mold. SSR* no. 11: 23-25 '68.
 11. Gerasimov, N. M., and others. - Qualitative analysis of local hydrogen distribution in metals. *Zav. lab.* 34 no. 10: 1180-1201 '68.

- 842.48 Spectrum analysis (spectrometry, spectroscopy, etc.)
Bol'shakov, A.IU. - Use of two radioscopes across the
analysis of mineral ores on the basis of X-ray
fluorescence radiation of elements. Atom. energ.
28 no. 8:523-526 D 1969.

41.42 (Continued)

1. Mariel, O. M., Dera'kashuk, A. S. - Studying the influence of the effect of the sample's mass on the results of spectrum analysis. *Visnyk Kyiv. univ. Ser. fiz. i khim.* no. 5 58-64 '84.
 2. Fedorov, M. F., Kotova, O. I. A., Popovskiy, A. M. - Spectral determination of sodium in molybdenum products. *Obog. rud.* 11 no. 5 599-603 '86.
 3. Kishchik, E. L., Avolun, R. L., Shirokhov, I. U. T. - X-ray analysis of dihydroxyacetone, its derivatives, and of acetoacetic acid. *Zhur. strukt. khim.* 3 no. 5 599-603 '86.
 4. Kuznetsov, V. G., Shadrakina, M. M. - X-ray analysis of FeH and KH at temperatures of 30 to 400°C. *Zhur. strukt. khim.* 3 no. 5 593-598 5-O '83.
 5. Lashchuk, M. G., Fedorov, M. F., Gavrilenko, V. I. - Spectral determination of small concentrations of zinc in iron-containing products. *Obog. rud.* 11 no. 5 40-45 '84.
 6. Kuznetsov, V. A. - X-ray analysis of scandium, yttrium, cerium, neodymium, and gadolinium ortho-vanadates. *Zhur. strukt. khim.* 3 no. 5 605-611 5-O '83.
 7. Kozlov, V. A., Magul, I. U. S., Alidov, T. K. - Spectral determination of oxygen in nitrogen, hydrogen, and inert gases by the absorption spectra in an ultraviolet vacuum. *Zhur. prikl. spekt.* 9 no. 1 87-89 '81.
 8. Kozlov, E. V., Kuznetsov, O. V., Tikhomirov, G. P. - Changes in glass of a lithium aluminum silicate system during etching. *Opt. - mekh. prom.* no. 6 44-47 '84.
 9. Kuznetsov, M. A., Sholin, G. V., Pavlovskiy, A. K. - Spectroscopic study of a bottom plasma produced in a β -pinch. *Zhur. prikl. spekt.* 9 no. 1 43-48 '81.
 10. Kuznetsov, M. K., and others. - Spectrum analysis of the elements in impurities of sodium telluride and also in a hollow cathode and across also in an ultraviolet vacuum. *Zhur. prikl. spekt.* 9 no. 1 150-154 '81.
 11. Kuznetsov, K. I., Kuznetsov, A. A. - Breathing the practical limits of sensitivity in using photographic methods for the emission spectrum analysis. *Zhur. prikl. spekt.* 9 no. 1 121-124 '81.
 12. Kuznetsov, V. P., Kuznetsov, N. A. - Allowing for heat background during temperature changes on double-beam infrared spectrometers. *Zhur. prikl. spekt.* 9 no. 1 147-150 '81.
 13. Yatska, P. M., Ustachko, I. U. I., Baranov, V. S. - Electronic spectra of dihydroxyacetone. *Zhur. prikl. spekt.* 9 no. 1 137-141 '81.
 14. Kuznetsov, K. I. - Quantitative spectral determination of elements below the limits of reliable detection. *Zhur. prikl. spekt.* 9 no. 1 137-141 '81.
- ## 41.5 Physical chemical methods (other than optical)
1. Kuznetsov, A. K., Kuznetsov, E. - Separation of monohydric and dihydric phenols by the method of vapor chromatography. *Trudy TPI, Ser. A* no. 2 413-117 '87.
 2. Alekseyeva, S. A., Molodtsov, M. D. - Studying the effect of the fractional composition of bentonite clay of Kobayashi on its separating capacity. *Asorb. nef. khim.* 47 no. 12 37-38 '84.
 3. Kuznetsov, V. R., and others. - Analysis of mixtures of neutral and benzoic styrene rubbers by means of pyrolytic gas chromatography. *Zav. lab.* 34 no. 10 118-119 '88.
 4. Andreev, L. V. - Chromatographic separation of C₂ acetylene compounds. *Zav. lab.* 33 no. 9 1047-1048 '83.
 5. Alekseyev, L. V., Softeva, I. U. M. - Some problems of the use of statistical dynamics for analysis of characteristics of industrial rectification columns. *Masash. prots. khim. tekhnol.* no. 3 113 '87.
 6. Anisimov, I. M., Muzina, V. M. - Intensification of the mass exchange process in vertical rotation rectifier. *Masash. prots. khim. tekhnol.* no. 3 113 '87.
 7. Belko, A. K., Evsteevskiy, M. P., Yananichko, M. M. - Infrared spectra and structure of compounds formed by thioamides and compounds of metals with pyrimidine and diethylpyrimethane. *Ukr. khim. zhur.* 34 no. 11 1144-1147 '88.
 8. Belko, A. K., Viorovskiy, M. E. - Determination of lead in various oxide using the paper chromatography method. *Zav. lab.* 33 no. 7 753-754 '83.
 9. Berezina, V. G., Pukhov, V. P. - Dependence of retention volume on value of analyzed sample for different carriers in gas-liquid chromatography. *Zhur. fiz. khim.* 52 no. 7 1544-1547 '78.
 10. Belokobyl, V. M., and others. - Mass spectrometric study of methyl esters of pentadecanoic acids. *Izv. AN SSSR, Ser. khim.* no. 12 2223-2228 '80.
 11. Kuznetsov, V. A., Malyshova, N. M., Minko, V. I. - Basicity and structure of azonethanes and their structural analogs. Part 1: Thermodynamic characteristics of the ionization reaction of conjugate acids of azonethanes. *Repts. Acad. Sci. USSR* no. 3 753-773 '83.
 12. Kishchik, E. L., Prokop'eva, M. P. - Chromatographic determination of water in elementary microanalysis by the conversion into acetylene. *Ukr. khim. zhur.* 33 no. 6 22-23 '83.
 13. Chupchik, M. S. - Mass spectral methods of the analysis of high purity substances. *Izv. AN SSSR, Neorg. mat.* 4 no. 11 2019-2019 '84.
 14. Ginzburg, F. G., Makin, M. D. - Determination of copolymers in water by thin-layer chromatography. *Khim. volokn.* 10 no. 5 28-30 '83.
 15. Dzhikov, O. M., Khil'nikov, S. F., Piskunov, G. G. - Study of the reactions of organomercury compounds with isopropyl alcohol by isotopic and mass-spectrometric methods. *Zhur. ob. khim.* 36 no. 12 2704-2718 '84.
 16. Dyakovskiy, I. U. I., Andreev, V. I. - Calculation of a level of gas-liquid mixture (steam) on bubble trays and the coefficient of gas-liquid flow. *Masash. prots. khim. tekhnol.* no. 3 121 '87.
 17. Dyakovskiy, I. U. I., Andreev, V. I. - Effect of physical properties of gas and liquid phases on splash removal from sieve plates. *Masash. prots. khim. tekhnol.* no. 3 120-121 '87.
 18. Fedorov, G. I., Ismailov, R. I. - Determination of the desorption branch of vapor adsorption isotherms by their isothermic desorption under dynamic conditions. *Izv. AN SSSR, Ser. khim.* no. 12 2709-2711 '88.
 19. Gilbert, K. M., Protsa, V. A. - Radioactive determination of trace impurities in thallium. *Zhur. anal. khim.* 33 no. 12 1747-1750 '88.
 20. Gorbachev, V. M., Trak'lov, G. V. - Determination of the solubility of oxygen and nitrogen in CH₂Cl₂, SiCl₄, GeCl₄ by means of gas-liquid chromatography. *Zav. lab.* 33 no. 7 790-796 '83.
 21. Gribitskiy, M. M., Bogolubov, G. M., Petrov, A. A. - Compounds with P-P bonds. Part 4: Mass-spectrometric study of phosphines and energy of P-P bonds in diphosphines. *Zhur. ob. khim.* 36 no. 12 2632-2636 '84.
 22. Gribitskiy, V. L., Dera'kashuk, V. I., Marashchuk, V. A. - Algorithmization of the distribution of products in production of ethyl alcohol. *Masash. prots. khim. tekhnol.* no. 3 127-128 '87.
 23. Gribitskiy, I. A., Marashchuk, M. G., Piskunov, M. B. - Studying the operation of a flame-ionization detector for gas chromatography. *Izv. vuz. vobsh. nav. i tekhn. i gas* 11 no. 10 100-100 '84.
 24. Ivanovskiy, G. F. and others. - Equipment for the mass spectrometry of the distribution of gas impurities in materials by probing with a laser ray. *Zav. lab.* 34 no. 10 1263-1268 '88.
 25. Kuznetsov, I. U. G., Bogdanova, T. A., Khalilova, Kh. A. - Composition of the light portion of the pyrolytic residue of curing-based gasoline. *Neftep. i nefekhim.* no. 9 55-57 '83.
 26. Korotkov, M. M., Derzhavskiy, L. I., Dolgoplov, S. L. - Determination of the detection of protective action of a layer during sorption processes of germanium on anion exchangers. *Ukr. khim. zhur.* 34 no. 10 123-130 '87.
 27. Kuznetsov, S. M. - Mass spectrometric study of reactions of excited atoms and molecules. Part 3: Ionization processes in water, acetylene, and mixtures of water and acetylene with deuterium and hydrogen. *Khim. vuz. zhur.* 3 no. 11 7-11 '83.
 28. Lapkin, L. M. - Effect of the zero drift in vacuum chromatography on the accuracy of analysis. *Zav. lab.* 33 no. 7 793-794 '83.
 29. Lapshchuk, I. A. - Solution of the problems of dynamics of ion exchange chromatography by means of electronic computers used in the technology of rare earth elements. Part 1: *Zhur. fiz. khim.* 43 no. 7 1773-1778 '69.
 30. Malinovsky, V. A., Usatki, M. M. - Approximation of the steady state of nonlinear columns for molecular distillation. *Masash. prots. khim. tekhnol.* no. 3 113 '87.
 31. Mamedov, M. A., Popova, T. P., Khramov, M. S. - Selection of a stationary phase for determining the components of high-temperature chlorination of ethylene. *Zhur. anal. khim.* 33 no. 11 1734-1739 '88.
 32. Moser, L. L., Blokhin, V. L., Bogatyrev, V. K. - Possibility of determining gases in metals by the radio-activation method. *Zhur. anal. khim.* 33 no. 11 1604-1705 '83.
 33. Novitskiy, M. A., Gaidar, L. A., Agasov, L. M. - Use of thin-layer chromatography for the study of organic acids composition in industrial solutions of organic acids. *Khim. i tekhn. prom.* 12 no. 11 35-34 '88.
 34. Popov, D. P., Rusanov, A. G. - Paper chromatography of aminoaromatics. *Izv. AN SSSR, Ser. khim.* no. 9 124-125 '83.
 35. Poudelov, O. F., Ragel', Y. R. - Use of a mass-spectrometer in studying the kinetics of plastic cracking and kinetics of growth of main cracks. *Fiz. tver. tela* 18 no. 11 2004-2004 '84.
 36. Reznikov, S. A. - Relative gas chromatographic coefficients of activity on binary liquid phases. *Zhur. fiz. khim.* 43 no. 7 1734-1735 '69.
 37. Rodinov, B. V. and others. - Mass-spectrometric study of cyclohexanes. *Zhur. ob. khim.* 36 no. 12 2600-2700 '84.
 38. Rodinovskiy, A. P., Piskunov, A. M., Sviridov, V. A. - Study in the field of moisture contents in capillary-porous body of spherical form in the process of convective drying. *Masash. prots. khim. tekhnol.* no. 3 120-121 '87.
 39. Rostanova, S. M. - Ion-exchange sorption dynamics of heteroatomic ions in steady state. *Asorb. nef. khim.* no. 5 109-114 '84.
 40. Savalov, I. U. V. - Some problems of the optimization and automatic control of the low-temperature gas separation process. *Neftep. i nefekhim.* no. 11 15-31 '83.
 41. Semak, A. A., Vlad, P. F. - Thin-layer chromatography on microplates with oxidized aluminum oxide. *Izv. AN SSSR, Ser. khim.* no. 9 120-121 '83.
 42. Shevchenko, I. A. - Using extraction by amines for the synthesis and analysis of chemical reagents and high-purity substances. *Trudy IREA* no. 3 112-130 '84.
 43. Sokolov, V. S., Sukhoy, R. M. - Evaluation of errors appearing in the experimental measurements and calculations of thermodynamic values in ion-exchange systems. Part 1: *Zhur. fiz. khim.* 43 no. 7 1770-1773 '69.
 44. Sokolov, V. S., Sukhoy, R. M. - Evaluation of errors appearing in the experimental measurements and calculations of thermodynamic values in ion-exchange systems. Part 2: *Zhur. fiz. khim.* 43 no. 7 1773-1774 '69.
 45. Sviridov, I. U. V. - Some problems of algorithmization of low temperature air separation process. *Masash. prots. khim. tekhnol.* no. 3 120-121 '87.
 46. Tel'pik, V. A., Vlasenko, V. M. - Use of the volumetric-gravimetric method for studying the adsorption of ternary mixtures of gases. *Khimiya i tekhnol.* no. 4 100-106 '83.
 47. Tikhomirov, G. P., Kallivinskaya, V. I. - Determination of diacetic sorbates by means of thin-layer chromatography. *Ukr. khim. zhur.* 34 no. 11 1103-1104 '88.
 48. Trakhtenberg, M. M. - Some problems of the synthesis of a system of optimum control of rectification column for the separation of binary mixture. *Masash. prots. khim. tekhnol.* no. 3 121-122 '87.
 49. Tsvetkov, V. V. - Piperidine sorption on KU-4 and KB-4 cations. *Trudy IREA* no. 3 112-113 '84.
 50. Ushakov, V. P., Korotkov, G. P., Shchegoleva, T. G. - Chromatographic determination of capthalene and products of its catalytic oxidation. *Zav. lab.* 33 no. 7 810 '83.
 51. Vaitskala, V. M., and others. - Adsorption and calorimetric studies of kaolinite and halloysite of different crystallinity. *Ukr. khim. zhur.* 34 no. 11 1103-1108 '88.
 52. Viria, L. I., and others. - Ion-molecular reactions of aromatic compounds. Part 3: Toluenes. *Khim. vuz. zhur.* 3 no. 11 22-25 '84.
 53. Vlad, P. F. - Plate chromatography of some diacetic compounds. *Izv. AN SSSR, Ser. khim.* no. 9 124-125 '83.
 54. Vladimirova, V. P., Kovalenko, P. M., Bagdasaryan, K. M. - Study of electrochemical characteristics of silver during its separation from nitric and tartaric acid solutions. *Ukr. khim. zhur.* 34 no. 11 1108-1109 '88.
 55. Voronova, M. A., and others. - Ionization constants of some ring-substituted benzothiazines and benzothiazines. *Repts. Acad. Sci. USSR* no. 3 755-773 '83.
 56. Zhmud, L. A. and others. - Study of mass exchange between gas and liquid in film rectification. *Masash. prots. khim. tekhnol.* no. 3 124-125 '87.
 57. Zhdanov, S. P., and others. - Porous glass as a solid carrier for separating polar substances in gas-liquid chromatography. *Zhur. anal. khim.* 33 no. 11 1737-1741 '83.

544. 1(1974)—Kazakh S. S. R.
Mabiev, M. M., and others. - Complex fertilizers for
Karst phosphorites of nitric and sulfuric acids and
ammonia. Uzb. khim. khur. 30 no. 2:13-16 '66.

544.3 (Continued)

- Shchegolev, B. R., Zaymalova, E. P., Gerasimova, O. K., and others. - Corrosion of metals in media containing hydrogen sulfide. *Uch. khim. zhur.* 12 no. 8:80-81 '78.
- Mykhalov, E. K., and others. - Comparative evaluation of the activity of some quaternary ammonium compounds, studying by different methods. *Trudy TSNII* no. 18, pt. 1:91-94 '67.
- Selez, B. D., and others. - Use of anion-exchange resins for the production of high-purity salts. *Trudy IKhA* no. 34:141-143 '64.
- Nedumakov, A. B., Goshcharenko, O. K., Radtsig, G. M., and others. - Development of efficient apparatus for decomposition of sodium phosphates by carbon dioxide. *Nauka, prots. khim. tekhnol.* no. 1:138 '67.
- Vladimirov, V. I., and others. - Biotransformation properties of quaternary ammonium salts with organic anions. *Trudy TSNII* no. 18, pt. 1:95-96 '67.
- Vladimirov, V. I., and others. - Preliminary data on searching for new disinfectants from the group of the surface-active salts of quaternary ammonium bases. *Trudy TSNII* no. 18, pt. 1:100-102 '67.
- Zhelezov, A. K., Gerasimova, E. M. - Use of sodium nitrite in chemical analysis. Report No. 2: Amperometric titration of cerium and cerium by sodium nitrite. *Uch. khim. zhur.* 10 no. 3:17-18 '68.
- 544.4 Metals of the second group. Alkaline earths**
- Asimov, I., Kachkarova, M. - Study of the possibility of opacification of glasses and enamels by silicate compounds. *Uch. khim. zhur.* 12 no. 5:82-71 '68.
- Baryshnik, I. A., and others. - Mixed feeding of electrolyzers by calcium and magnesium chlorides. *Khim. tekhn.* no. 8:123-124 '67.
- Bolshakov, K. A., and others. - Anisotropy of the electroconductivity of Mg, Ca, and Sr. *Izv. AN SSSR. Neorg. mat.* 4 no. 1:110-111 '68.
- Krasnichenko, M. F., Pashchuk-Kolbas, L. V., Prokopenko, A. A. - Study of the properties of calcium forms of chromite-containing sooties. *Vestnik AN BSSR. Ser. khim. nat.* no. 4:8-10 '68.
- Portnikov, M. S., Fokina, Z. A. - Use of alkali metal oxides for determining the composition and density of silicate hydroxy salt precipitates. *Uch. khim. zhur.* 34 no. 11:108-109 '68.
- Orlovskiy, F. P., Zubov, V. V. - Water control in the analysis of high-purity substances for calcium against using calcium of the All-Union Research Institute of Chemical Reagents and Special Materials (I. O. Krasnichenko). *Trudy IKhA* no. 34:143-144 '64.
- Chuvp, S. I., Katova, L. A., Koshchukova, E. A. - 4-(2-Pyridylazo)-2-naphthol-6-sulfonate as a metal-indicator in the complexometric determination of mercury (II). *Uch. khim. zhur.* 33 no. 11:124-125 '68.
- Krasnichenko, V. B., and others. - Synthesis and study of some compounds of strontium with silicon and aluminum. *Vestnik AN BSSR. Ser. khim. nat.* no. 4:107-108 '68.
- Kholodkovskiy, O. I., Tikhonova, V. B. - Potentiometric study of bromide complexes of calcium in aqueous-methanol and aqueous-ethanol solutions. *Uch. khim. zhur.* 34 no. 11:124-125 '68.
- Kolodny, L. V. - Effect of size in various concentrations on the entry of ^{45}Ca into grape grafts. *Trudy Khim. tekhnol.* no. 4:11-12 '68.
- Kropachev, D. - Study of the trap distribution levels in cadmium sulfide films. *Trudy TPI. Ser. A* no. 2:37-38 '68.
- I. Krasnichenko, I. A., Strizhevskiy, S. L. - Special features of the kinetics of sorption of zinc and cadmium on cation exchanger KU-1. *Uch. khim. zhur.* 42 no. 7:124-125 '68.
- Lozhnikov, M. A., Danilov, P. I., Masova, L. I. - Effect of temperature on the adsorption of organic compounds on a mercury electrode. *Khim. tekhn.* no. 8:148 '67.
- Lukin, A. M., Chernykh, T. V. - Use of sulfonates for the determination of zinc. *Trudy IKhA* no. 34:144-145 '64.
- Medvedev, E. A., and others. - Synthesis and directed crystallization of cadmium telluride in controlled devices from stoichiometry. *Izv. AN SSSR. Neorg. mat.* 4 no. 1:120-121 '68.
- Melnyk, O. V., Balikova, M. I. - Effect of the addition of high molecular substances on precipitation of cadmium sulfate. *Koll. zhur.* 30 no. 6:863-865 '68.
- Metelkova, A. M., and others. - Structure of cyclopentadienyl derivatives of actinide metal salts of periods V and VI. *Dokl. AN SSSR* 183 no. 3:388-390 '68.
- Mikhlin, K. M., and others. - Study of phase diagram and some properties of solid solutions in the system $Mg_{1-x}Ca_x$. *Izv. AN SSSR. Neorg. mat.* 4 no. 1:122-123 '68.
- Orlovskiy, E. B., Kostik-Khigavich, L. P., Orlovskiy, E. M. - Study of thermal decomposition of double salt of zinc and barium formate. *Vestnik AN BSSR. Ser. khim. nat.* no. 4:113-114 '68.
- Peta, R. G., and others. - Determination of 8, 06% - 80% of zinc in copper and antimony by means of alternating current polarography. *Zav. lab.* 34 no. 10:1173-1174 '68.
- Pikunov, A., Hidrejar, E. - Amperometric method for determining chlorides in cadmium sulfide. *Trudy TPI. Ser. A* no. 2:39-40 '68.
- Reznikov, G. A., Shchegolev, V. I., Zakharenko, S. P. - Reaction of alkyl organotin compounds with chloroform. *Izv. AN SSSR. Ser. khim. nat.* no. 1:139-140 '68.
- Serebriakov, G. V., and others. - Study of the series of 8-arylsulfonamido-quinolines as reagents for a microelement determination of zinc and cadmium. *Trudy IKhA* no. 34:145-146 '64.
- Shchegolev, E. A., and others. - Simple method for the determination of zinc in ferrites. *Trudy IKhA* no. 34:147-148 '64.
- Shchegolev, M. F., and others. - Study of complex formation of vinyl- α -hydroxyquinoline with metals (Zn, Fe, Cu) chlorides by the method of infrared spectra. *Uch. khim. zhur.* 34 no. 12:1844-1846 '68.
- Shchegolev, L. H., and others. - Effect of hardening conditions on microstructure of aluminum-ferrite calcination. *Vysok. LPI* no. 10:178-180 '68.
- Solovov, V. A., and others. - Effect of some factors on electroconductivity of acetone on mercury in alkaline solutions. *Uch. khim. zhur.* 42 no. 7:173-174 '68.
- Tiptova, V. G., Dvortsova, A. G., Goltysina, M. I. - Chemical-spectral determination of impurity in high-purity zinc. *Uch. khim. zhur.* 33 no. 11:124-125 '68.
- Tolmachev, O. I., Kishakov, I. P. - Reaction of acid phase formation of calcium formate. *Izv. vys. ucheb. zav. i khim. tekhn.* 11 no. 11:120-121 '68.
- Tolpeva, F. M., and others. - Stability of soluble complex mercury dithiocarbamates. *Izv. vys. ucheb. zav. i khim. tekhn.* 11 no. 11:121-122 '68.
- Tykhonov, V. A., Baranovskiy, O. T., Kovalev, T. T. - Study of the electrochemical reduction process. *Vysok. LPI* no. 10:181-182 '68.
- Vasilev, J., Karmir, P., Bikkas, R. - Study of polycrystalline compounds. Report No. 8: Structure and photoelectrical properties of CdS films obtained by the chemical method. *Trudy TPI. Ser. A* no. 2:41-42 '68.
- Vasilev, J., Karmir, P. - Change of the low photoconductivity of fine-crystalline greened pellets of cadmium sulfide and the increase of its sensitivity by thermal treatment. *Trudy TPI. Ser. A* no. 2:43-44 '68.
- Vasilev, J., Sotirova, J. - Study of polycrystalline compounds. Report No. 1: Effect of thermal treatment (annealing) on photoconductivity of alloyed polycrystalline cadmium sulfide. *Trudy TPI. Ser. A* no. 2:45-46 '68.
- Yardimci, A. A. - Volumetric determination of mercury in the form of its para-periodate. *Uch. zap. AGU. Ser. khim. nat.* no. 3:77-78 '68.
- 544.5 Copper, silver and gold group**
- Adams, M. M., Zubov, V. A. - Calculation of the polarizability of a single-charged ion of silver by the Sternheimer method. *Uch. zap. AGU. Ser. khim. nat.* 3 no. 4:43-44 '68.
- Bellikov, V. M., Krasnichenko, M. I., Safonova, E. M. - Study of the conditions for the preparation of copper complex of thiocarbonyl. *Khim. prirod. soed.* 3 no. 3:31-32 '67.
- Corbett, G. I., Dandridge, W. R. - Fractionation of some impurities during the processes of the deep purification of nitric acid. *Trudy IKhA* no. 34:148-149 '64.
- Kholodkovskiy, O. I., Masova, E. M. - Contact copper plating of carbon and stainless steel. *Khim. tekhn.* no. 8:149-150 '67.
- Kholodkovskiy, O. I., Zverev, N. M. - Chromopotentiometric study of the discharge of ethylenediamine complexes of copper. *Khim. tekhn.* no. 8:151-152 '67.
- Mokryy, M. M., Krasnichenko, M. I., Tolpeva, F. M. - Oxidation of unsaturated alcohols on copper catalyst. *Vysok. LPI* no. 10:183-184 '68.
- Molodtsova, E. M., Kozlov, T. I., Solovov, A. A. - Oxidation of cuprous chloride by atmospheric oxygen in aqueous alkaline solutions. *Izv. vys. ucheb. zav. i khim. tekhn.* 11 no. 11:121-122 '68.
- Peta, R. G., and others. - Determination of 8, 00% - 8, 00% of zinc in copper and antimony by means of alternating current polarography. *Zav. lab.* 34 no. 10:1173-1174 '68.
- Pavlovskiy, M. M., and others. - Study of thermal decomposition of silver dichloride. *Vestnik AN BSSR. Ser. khim. nat.* no. 4:109-110 '68.
- Platinskii, I. V., Krasnichenko, R. P. - Polarographic determination of copper in bismuth, antimony, and tin-base alloys with ferric as the support. *Zav. lab.* 34 no. 10:1175-1176 '68.
- Rodionov, G. V., Krasnichenko, M. I., Krasnichenko, D. - Some characteristics of the kinetics of electrodeless copper plating. *Trudy AN BSSR. Ser. B* no. 3:3-4 '68.
- Serebriakov, M. - Study of the induction period of electrodeless copper plating of glass. *Trudy AN BSSR. Ser. B* no. 3:5-6 '68.
- Talipov, S. T., Makhsupova, E. T., Zakharenko, L. R. - New luminophore reagent for determining copper. *Uch. khim. zhur.* 34 no. 6:64-65 '68.
- Valentynovskiy, L., Krasnichenko, M. I. - Nature of the action of some brighteners in sulfuric acid electrolytes of copper plating. *Trudy AN BSSR. Ser. B* no. 3:7-8 '68.
- 544.6 Metals of the third group**
- Alkharov, M. K., and others. - Determination of gallium in metallic aluminum with pyrocathecol violet. *Uch. zap. AGU. Ser. khim. nat.* no. 3:88-89 '68.
- Aldrovskiy, M. K., Gerasimova, E. B. - Ytterbium complexes with certain organic reagents. *Asarb. khim. zhur.* no. 5:44-45 '68.
- Akshet'rad, G. A., Gerasimova, E. B. - Kinetics of the extraction of aluminum oxide from silicate. *Nauka, prots. khim. tekhnol.* no. 1:117-118 '67.
- Alimov, I. P., and others. - Photometric determination of gallium and indium present in the same batch by means of rhodamine 6G. *Izv. AN SSSR. Ser. khim. nat.* 4 no. 1:123-124 '68.
- Balshakov, A. M., Abdinov, A. M., Akshet'rad, G. M. - Extraction of gallium and indium with oxygen in solution. *Uch. khim. zhur.* 33 no. 11:126-127 '68.
- Bald, G. W., Gerasimova, E. B., Aldrovskiy, A. I. - Effect of Cu and Fe on the electrochemical reduction of aluminum in the case of iron; open for discussion. *LAI. prots.* no. 8:1-2 '68.
- Belov, K. P., Solovov, V. I., Tera Dec Hanc. - Magnetostriction of paramagnetic rare earth gallates and germanates with garnet structure. *Fiz. tver. tela* 10 no. 1:230-236 '68.
- Bruna, M. P., Shchegolev, M. A. - Influence of rare earth metals on the crystallization of steel. *LAI. prots.* no. 8:3-4 '68.
- Chapalova, L. V., Lashchuk, V. M., Demchuk, S. A. - Electron paramagnetic resonance of Yb^{3+} and Y^{3+} in vitreous $TiAl_3$. *Izv. AN SSSR. Neorg. mat.* 4 no. 1:125-126 '68.
- Daytshvili, M. G., Shchegolev, M. A., Maslovskiy, M. I. - Reaction of neodymium nitrate with potassium and sodium carbonate. *Dokl. AN SSSR* 183 no. 3:391-392 '68.
- Demchuk, S. A. - Identification and properties of the rare earth compounds $TiAl_3$, $TiAl_3O_2$ and $TiAl_3O_3$ in the vitreous and crystalline states. *Izv. AN SSSR. Neorg. mat.* 4 no. 1:127-128 '68.
- Diatlova, M. M., Krasnichenko, M. I., Tikhonova, V. M. - Indication of the complexometric titration of thorium, gallium and iron by means of a high-frequency U_{HF} star. *Trudy IKhA* no. 34:149-150 '64.
- Diatlova, M. M., Lavrova, O. U. - Polarographic study of complexes of rare earth elements. *Trudy IKhA* no. 34:151-152 '64.
- Krasnichenko, M. I., Maslovskiy, M. I. - Qualitative and quantitative study of the complex of cerium with Yb^{3+} in solution. *Uch. khim. zhur.* 33 no. 11:129-130 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - Solubility and study of some organic antioxiants. *Uch. khim. zhur.* 33 no. 11:131-132 '68.
- Krasnichenko, M. I., Maslovskiy, M. I., Krasnichenko, M. I. - X-ray fluorescence study of barium hexafluoride. *Vestnik AN BSSR. Ser. khim. nat.* no. 4:111-112 '68.
- Kolob, A. M., Boshchov, A. M., Krasnichenko, M. I. - X-ray fluorescence study of barium hexafluoride. *Uch. khim. zhur.* 34 no. 11:133-134 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - Polarographic study of complexes of rare earth elements. *Trudy IKhA* no. 34:153-154 '64.
- Krasnichenko, M. I., Maslovskiy, M. I. - Effect of the content of cerium on changes in the chemical strength at high temperatures. *Neftepr. i neftekhim.* no. 9:4-5 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:129-130 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:131-132 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:133-134 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:135-136 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:137-138 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:139-140 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:141-142 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:143-144 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:145-146 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:147-148 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:149-150 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:151-152 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:153-154 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:155-156 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:157-158 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:159-160 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:161-162 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:163-164 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:165-166 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:167-168 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:169-170 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:171-172 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:173-174 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:175-176 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:177-178 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:179-180 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:181-182 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:183-184 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:185-186 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:187-188 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:189-190 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:191-192 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:193-194 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:195-196 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:197-198 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:199-200 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:201-202 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:203-204 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:205-206 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:207-208 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:209-210 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:211-212 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:213-214 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:215-216 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:217-218 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:219-220 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:221-222 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:223-224 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:225-226 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:227-228 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:229-230 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:231-232 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:233-234 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:235-236 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:237-238 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:239-240 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:241-242 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:243-244 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:245-246 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:247-248 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:249-250 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:251-252 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:253-254 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:255-256 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:257-258 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:259-260 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:261-262 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:263-264 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:265-266 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:267-268 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:269-270 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:271-272 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:273-274 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:275-276 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:277-278 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:279-280 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:281-282 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:283-284 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:285-286 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:287-288 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:289-290 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:291-292 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:293-294 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:295-296 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:297-298 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:299-300 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:301-302 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:303-304 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:305-306 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:307-308 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:309-310 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:311-312 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:313-314 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:315-316 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:317-318 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:319-320 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:321-322 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:323-324 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:325-326 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:327-328 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:329-330 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:331-332 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:333-334 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:335-336 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:337-338 '68.
- Krasnichenko, M. I., Maslovskiy, M. I. - "Complexes." *Izv. AN SSSR. Ser. khim. nat.* no. 1:339-3

64.7 Metals of the sixth, seventh, eighth groups

- Arkhonov, N. K., Dotsikina, K. A., Zhukova, V. V. - Study of the system $\text{Mn} - \text{Fe}$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1878-1884 M '84.
- Blev, A. K., - Solubility of manganese carbonyl and manganese cyclopentadienylcarbonyl in methyl carbonyl. *Zhur. ob. khim.* 38 no. 10:2198-2202 O '82.
- Barikua, P. L., Lashinova, K. I. - Lead as an activator in the kinetic determination of manganese. *Zhur. anal. khim.* 33 no. 11:2323-2328 M '83.
- Bezval'son, E. A., Krengel'd, B. D. - Luminescent catalytic reaction for the determination of cobalt. *Trudy IREA* no. 26:284-291 '84.
- Burtonko, L. M., Poludkov, M. S., Komorenko, L. I. - Extraction-photometric determination of uranium (VI) as a complex compound with theophyllinefluoromethane and rhodamine C. *Zhur. anal. khim.* 33 no. 11:2477-2500 N '84.
- Davydov, A. V., and others. - State of $\text{Fe}(\text{VI})$ ions in solutions of hydrogen halide acids. *Atom. energ.* 26 no. 6:453-462 D '80.
- Egorovskiy, A. M., and others. - Infrared and PMR spectra of some arsenic π -complexes of chromium. *Izv. AN SSSR, Ser. khim. nauch. nat.* 4 no. 11:2318-2323 D '80.
- Erastovskiy, M. F., Panchenko-Kolodko, L. V., Protokopich, A. A. - Study of the properties of calcium forms of chromites-containing zeolites. *Vestn. AN BSSR, Ser. khim. nat.* no. 4:5-10 '80.
- Erofeev, B. V., Malozova, M. V., Mostovskiy, I. A. - Rate of thermal decomposition of doped nickel formate. *Vestn. AN BSSR, Ser. khim. nat.* no. 4:23-26 '80.
- Gadyshchuk, K. I., Krivoborich, P. I., Kim'na, N. B. - Crystalline structures of ternary compounds with a low content of silicon in the systems $\text{Cr} - \text{Ni} - \text{Si}$ and $\text{Cr} - \text{Co} - \text{Si}$. *Zhur. strukt. khim.* 8 no. 4:414-423 Ji-Ag '82.
- Golovinskiy, R. T., Samoilov, O. A. - Effect of temperature on distribution coefficients in extraction of uranyl nitrate from aqueous solutions. *Zhur. strukt. khim.* 3 no. 5:238-246 '80.
- Orlovskiy, P. P., Korshak, M. D. - Determination of calcium microimpurity in high-purity iron oxide by means of pyrolysis- α -oxalate. *Trudy IREA* no. 24:218-222 '84.
- Oreshkin, G. I., Dushkova, M. S. - Fractionation of some impurities during the processes of the deep purification of citric acid. *Trudy IREA* no. 24:246-254 '84.
- Oreshkin, G. I., Kamanova, G. A., Kiforova, I. A. - Study of the processes of the deep purification of manganese salts by removal of microimpurities. *Trudy IREA* no. 24:257-264 '84.
- Orlovskiy, G. I., Tikhonova, M. N. - Study of deep purification of thiocyanate ammonium by removing iron impurities. *Trudy IREA* no. 24:267-269 '84.
- Orlovskiy, L. V., and others. - Effect of additions on the electrochromic properties of nickel-silica films. *Trudy IREA* no. 24:272-282 '84.
- Karpov, O. M. - Dichromatometric determination of glycerophosphates. *Trudy IREA* no. 24:273-278 '84.
- Karpov, O. M. - Dichromatometric determination of glucosides and its derivatives. *Trudy IREA* no. 24:277-280 '84.
- Karpov, O. M. - Dichromatometric method for the determination of allylic acid and its derivatives. *Trudy IREA* no. 24:283-287 '84.
- Klavtsov, P. V., Kharachenko, L. I. - Solid solutions in the system $\text{LiMg}(\text{WO}_4)_2 - \text{Mg}(\text{WO}_4)_2$ and polymorphic transformations in triphasic modification of $\text{LiMg}(\text{WO}_4)_2$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1880-1888 N '80.
- Knovchenko, O. S., Lobanov, M. I. - Heating curves of cobalt ammine polybromides. *Izv. AN Mold. SSR* no. 11:20-24 '80.
- Krengel'd, B. D., Bochevalov, M. A. - Kinetic reaction for the determination of iron by means of stilbazon. *Trudy IREA* no. 24:287-288 '84.
- Kurkachev, V. P., Galpov, O. A., Kovalenko, K. M. - Chelate compounds of bivalent cobalt with some β -aminoalcohols. *Zhur. ob. khim.* 38 no. 10:2194-2197 O '82.
- Lentis, B. S., Berthor, I. V., Sokolov, M. M. - X-ray spectral determination of arsenic in powder samples with a PES-3 spectrometer. *Atom. energ.* 26 no. 6:531-533 D '80.
- Leonova, L. A., and others. - Analysis of the concentration dependence of the activities of components of solid solution $\text{Fe}_2\text{O}_3 - \text{Fe}_3\text{O}_4 - \text{FeCr}_2\text{O}_4$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1897-1900 M '80.
- Levin, B. A., and others. - Properties of iron-substituted forms of the type Y zeolite. *Vestn. AN BSSR, Ser. khim. nat.* no. 4:11-15 '80.
- Lialikov, I. U., Chirkova, K. G., Mikhaylovskiy, O. M. - Potentiometric determination of total manganese in soils. *Izv. AN Mold. SSR* no. 9:80-86 '83.
- Limonov, V. E., and others. - Study of the mechanism of formation of iron-molybdenum of impregnated catalyst. *Kataliz i katalizatsiya* no. 4:92-100 '82.
- Makshanova, G. V., and others. - Growing of cobaltite type monocrystals in orebodies from iron ore. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:2027-2033 M '80.
- Mavrina, A. S., Kovalenko, P. M., Bagdasaryan, K. M. - Electrolytic deposition of nickel from ammoniumtartrate solutions. *Izv. vyz. sobsh. sav. i khim. i khim. tekhn.* 11 no. 11:2483-2472 '80.
- Mirskanov, T. M., Rakhmatullayev, K. E., Talykov, B. T. - 4-(3-Pyridylazo)-thymol, 4-(3-pyridylazo)-thymol N-methylmaleimide- α -oxo-thymol - as new selective reagents for analytical-photometric determination of nickel. *Uzb. khim. zhur.* 3 no. 8:28-33 '83.
- Molokova, M. I., Pashina, A. B., Khizmat, I. V. - Modification of skeletal metal catalyst by the addition of transition metals. Part 1: Eber, *ss. khim.* 43 no. 7:2573-2578 Ji '82.
- Murphy, A. M., Loria, B. G., Seregin, P. P. - Use of the Mosbauer method in studying the charge states of iron in some cobalt compounds. *Fiz. tver. tela* 10 no. 4:1234-1266 Ap '80.

- Nordovskiy, M. A., and others. - Photocolorimetric method for the determination of iron impurities in chemical reactors by the O-phosphorothioic method. Part 1. Determination of iron in titanium dioxide. *Trudy IREA* no. 23:234-242 '84.
- Parfuchenko, M. M., Shkarsovich, I. E., Khol'tsev, V. A. - Interaction of iron oxide with neorystan oxide. *Vestn. AN BSSR, Ser. khim. nat.* no. 4:108-111 '80.
- Pomastovskiy, Z. L. - Search for the 10th element. *Priroda* no. 11:71-74 '80.
- Proskina, N. M. - Compounds of trivalent cobalt with 1,10-phenanthroline. *Izv. AN Mold. SSR* no. 8:3-10 '83.
- Rakhmatullayev, K. I., Maitala, J. - Changes of the texture of nickel electrodeposition depending on electrolyte conditions. *Trudy AN Lit. SSR, Ser. B* no. 3:8-10 '80.
- Serbatsky, A. M., Serbatsky, O. K., Tytyshchuk, I. I. - Synthesis and some properties of complex manganese cyanides. *Vysok. LPT* no. 10:136-138 '80.
- Shkarskii, V. M. - Complex compounds of trivalent cobalt with dimethylglyoxime and thioacetamide. *Izv. AN Mold. SSR* no. 8:11-15 '83.
- Shkarskii, V. M., Mamadov, A. A. - Reduction of iron oxides with natural gas. *Uzb. zap. AGU, Ser. khim. nat.* no. 2:3-7 '80.
- Tamasev, I. V., and others. - Study of the interaction of chromium nitrate with alkali metal triphosphates. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1888-1891 M '80.
- Tolstunov, A. I., Ushakov, I. U. - Photocolorimetric determination of platinum by 1,4-dithiophthalic acid. *Zav. lab.* 32 no. 7:897 '80.
- Tolstunov, A. I., Ushakov, I. U. - Photocolorimetric determination of platinum by 1,4-dithiophthalic acid. *Zav. lab.* 32 no. 7:897 '80.
- Tsollinskii, I. U., Gorbachenko, F. P., Mikhaylovskiy, M. M. - Comparative study of methods for iron (II) protection against oxidation in ferrite materials. *Trudy IREA* no. 23:238-244 '84.
- Turkashova, M. T., and others. - Photometric determination of uranyl by means of the reagent N-methylmaleimide α -oxo- α -aminoalcohol. *Uzb. khim. zhur.* 13 no. 4:97-99 '80.
- Valevskiy, L. I., Kuznetsovskiy, I. - Effect of 1,4-bisulfonic acid on texture and physicochemical properties of nickel electrodeposits. *Trudy AN Lit. SSR, Ser. B* no. 3:21-30 '80.
- Shkarsky, A. K., Shkarskii, M. M. - Use of sodium nitrite in chemical analysis. Report No. 2: Anaprometric titration of manganese and cerium by sodium nitrite. *Uzb. khim. zhur.* 10 no. 2:17-21 '80.

64.8 Metals of the fourth group, etc.

- Bergert, L. I., Dobrynina, I. A. - Some properties of natural galenite. *Trudy IREA* no. 24:289-296 '84.
- Danilovskiy, L. O., Cherdynov, I. I. - Determination of vanadium content in sulfuric acid solutions based on secondary X-ray spectra. *Zav. lab.* 32 no. 6:677-678 '80.
- Dmitriyev, M. M., Kolesnik, E. S., Tashkina, V. A. - Influence of the complexing ability of thionamides, sulfonamides and iron by means of a high-frequency titration. *Trudy IREA* no. 24:293-293 '84.
- Kumar, T. F., Asarova, K. M., Shkarskii, K. P. - Production of acetate compounds of hafnium and zirconium. *Trudy IREA* no. 24:294-294 '84.
- Electrolytic refining of alloys based on titanium with compact and bulk anode. *Khim. tekhn.* no. 8:441-448 '81.
- Fedorov, E. V., Khizmatullayev, V. M., Talykov, D. K. - Oxidation of isobutyrene on oxide iron-antimony-molybdenum catalysts. *Kataliz i katalizatsiya* no. 4:70-72 '80.
- Golovinskiy, R. T., Savitskiy, E. M., Orlovskiy, A. D. - Spectrophotometric determination of manganous quantities of vanadium in anode powders. *Zav. lab.* 34 no. 10:1184-1185 '80.
- Hosokawa, A. I., Artyukova, A. I., Lukhtomykh, N. M. - Extraction of vanadium with tributyl phosphate from hydrochloric acid solutions. *Vysok. LPT* no. 10:139-140 '80.
- Imkov, A. I., Talykov, P. V., Talykov, I. U., Vyalov, V. M. - Extraction of titanium-containing concentrates with sodium chloride in the presence of water vapors. *Khim. tekhn.* no. 8:447-447 '81.
- Karalida, I. U., Zaval'skaya, A. V. - Spectrophotometric determination of vanadium (III). *Zhur. anal. khim.* 33 no. 11:2343-2344 M '83.
- Koval'skiy, V. P., Kuznetsov, V. A., Kuznetsov, M. P. - Surface tension of titanium alloys. *Zhur. fiz. khim.* 43 no. 7:1174-1177 Ji '80.
- Kushnir, A. V. - Use of methane for the preparation of titanium carbide (thermodynamic analysis). *Vysok. LPT* no. 10:140-141 '80.
- Lavitskiy, V. I., and others. - Bismuth-antimony-oxidizing catalysts of the reaction of propylene oxidation. *Kataliz i katalizatsiya* no. 4:80-80 '80.
- Leonova, L. A., and others. - Analysis of the concentration dependence of the activities of components of solid solution $\text{Fe}_2\text{O}_3 - \text{Fe}_3\text{O}_4 - \text{FeCr}_2\text{O}_4$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1897-1900 M '80.
- Limonov, V. E., and others. - Properties of iron-substituted forms of the type Y zeolite. *Vestn. AN BSSR, Ser. khim. nat.* no. 4:11-15 '80.
- Lialikov, I. U., Chirkova, K. G., Mikhaylovskiy, O. M. - Potentiometric determination of total manganese in soils. *Izv. AN Mold. SSR* no. 9:80-86 '83.
- Limonov, V. E., and others. - Study of the mechanism of formation of iron-molybdenum of impregnated catalyst. *Kataliz i katalizatsiya* no. 4:92-100 '82.
- Makshanova, G. V., and others. - Growing of cobaltite type monocrystals in orebodies from iron ore. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:2027-2033 M '80.
- Mavrina, A. S., Kovalenko, P. M., Bagdasaryan, K. M. - Electrolytic deposition of nickel from ammoniumtartrate solutions. *Izv. vyz. sobsh. sav. i khim. i khim. tekhn.* 11 no. 11:2483-2472 '80.
- Mirskanov, T. M., Rakhmatullayev, K. E., Talykov, B. T. - 4-(3-Pyridylazo)-thymol, 4-(3-pyridylazo)-thymol N-methylmaleimide- α -oxo-thymol - as new selective reagents for analytical-photometric determination of nickel. *Uzb. khim. zhur.* 3 no. 8:28-33 '83.
- Molokova, M. I., Pashina, A. B., Khizmat, I. V. - Modification of skeletal metal catalyst by the addition of transition metals. Part 1: Eber, *ss. khim.* 43 no. 7:2573-2578 Ji '82.
- Murphy, A. M., Loria, B. G., Seregin, P. P. - Use of the Mosbauer method in studying the charge states of iron in some cobalt compounds. *Fiz. tver. tela* 10 no. 4:1234-1266 Ap '80.

- Mamadov, I. A., Makhmudov, A. M. - Argentate-iodometric determination of titanium in ores. *Uzb. zap. AGU, Ser. khim. nat.* no. 2:31-34 '80.
- Mukhlisov, I. P., and others. - Wear-resistant vanadium catalyst for the oxidation process of sulfur dioxide in a fluidized bed. *Khim. tekhn. i khim. tekhnol.* no. 2:142-143 '87.
- Mukhlisov, I. P., and others. - Production of high-purity lead acetate and lead nitrate. *Trudy IREA* no. 23:185-189 '84.
- Nekhaev, I. U. A., and others. - Casting properties of low-alloy titanium. *Lit. prosv.* no. 3:3-4 M '80.
- Odrin, V. M., Roey, L. M., Korshakov, O. P. - Formation of the surface compounds in the oxidation of amorphous on massive vanadium oxide catalyst. *Kataliz i katalizatsiya* no. 4:70-72 '80.
- Orlovskiy, G. E., Avgustinskii, A. L. - Phase diagram of the system $\text{ZrC} - \text{Fe}$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1888-1891 M '80.
- Parfuchenko, E. A., Ekin, O. A., Voklin, M. A. - Semiconductor properties and deviation from stoichiometry of fused V_2O_5 . *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1860-1868 M '80.
- Pogorelskiy, M. A., Zayverodnii, V. S., Maricheva, L. A. - Unsaturated tin hydrocarbons. Part III: Tin-containing aminobutenynes. *Zhur. ob. khim.* 38 no. 12:2878-2882 D '80.
- Ponomarevskiy, S. M., Barinov, I. U. D., Tovarukho-Klimenko, M. M. - Effect of titanium dioxide on properties of multilayers printing coat emulsions. *Khim. tekhn.* no. 8:440-443 '81.
- Popova, V. F., Markina, A. L. - Spectrophotometric determination of vanadium in its complex with capryldioxamic acid. *Uzb. khim. zhur.* 10 no. 4:18-22 '80.
- Ravensky, G. A., Lailaeva, V. M., Lailaeva, A. M. - Reaction of vanadium tetrachloride with alkylaluminum. *Izv. AN SSSR, Ser. khim. nat.* no. 13:2230-2233 D '80.
- Rodina, A. M., and others. - Interaction of hydrogen with titanium and scandium films on different metal supporting structures. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1864-1867 M '80.
- Shobegrov, L. N. - Some properties of the products of tetrachloride titanium partial hydrolysis. *Trudy IREA* no. 23:190-190 '84.
- Shvachko, L. L., Petrov, V. M., Voznyashin, I. U. N. - Study of ferroelectric solid solutions in the system $\text{Pb}(\text{Ox})_2 - \text{Ta}_2\text{O}_5 - \text{Pb}(\text{Ox})_2 - \text{Nb}_2\text{O}_5$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:2041-2044 M '80.
- Sokolov, B. A., Bochevalov, E. Z. - Reaction of lead and bismuth by the bromine-sulfuric acid method. *Trudy IREA* no. 23:294-295 '84.
- Spyridin, I. O., Martynov, I. U. M. - Adsorption of sparingly soluble substances from titanium tetra-chloride and its relation with solubility. *Zhur. fiz. khim.* 43 no. 7:1744-1748 Ji '80.
- Valaman, I. I., Chirkova, K. G. - Determination of bismuth in semiconducting alloys from weighed microportions by means of uellographic polarography with storage. *Zav. lab.* 34 no. 10:1178-1181 '80.
- Volkovskiy, K. S. - Electroconductivity of alloys in the system $\text{ZrO}_2 - \text{La}_2\text{O}_3$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1878-1879 M '80.
- Zhukovskiy, V. P., Petrov, B. I. - Highly selective method of determining aluminum and boron using diethylpyrimethanes. *Zhur. anal. khim.* 33 no. 11:2334-2336 M '83.
- Zolotarev, V. I., Budyrev, I. U. P., Tolstunov, I. K. - Phase-photometric determination of lithium in hydrated vanadium pentoxide. *Zhur. prikl. spekt.* 8 no. 1:18-20 Ji '80.

64.9 Elements of the eighth group

- Alimov, I. P., and others. - Stability of palladium(II) complex compounds with 1,2-azobisphosphonodioxime in solutions. *Izv. AN SSSR, Ser. khim. nat.* no. 13:2578-2579 D '80.
- Baev, A. I., Shakhov, A. N. - Methyl- and diallyl dihydrophosphoric acids as analytical reagents. Report No. 18: Extraction-photometric determination of lithium by means of dihydrophosphoric acid. *Zhur. anal. khim.* 33 no. 11:2378-2378 M '83.
- Chirkova, K. G., Khomskiy, V. A. - Potentiometric titration of phenols with cathode-polarized platinum electrodes. *Izv. AN Mold. SSR* no. 11:38-43 '80.
- Efimov, O. M., and others. - Catalysts of the transfer of hydrogen by the method presumably similar to (fermentation). Part 8: Highly active catalysts based on π -complexes of rhodium (II) with amino acids. *Zhur. ob. khim.* 38 no. 12:2848-2857 D '80.
- Kukha, G. A. - Crystal chemistry of platinum complex compounds. Part 2: Bivalent platinum compounds. *Zhur. strukt. khim.* 3 no. 4:474-484 Ji-Ag '82.
- Lavitskiy, V. F., Poral-Koshkova, M. A. - Structure of crystals and molecules of allyl-palladium chloride $\text{Pd}(\text{C}_3\text{H}_5)_2$. *Zhur. strukt. khim.* 3 no. 4:473-473 Ji-Ag '82.
- Vand'ev, V. P., Kuznetsov, F. D. - Effect of temperature on the results of rheometric determination by a catalytic method. *Zhur. anal. khim.* 33 no. 11:2448-2447 M '80.

647 Organic chemistry

- Kiselev, V. V., Kuznetsov, A. D. - In memory of Georgii Petrovich Kiselevskiy. *Zhur. ob. khim.* 38 no. 12:2807-2811 D '80.
- Mikhlin, V. I., Kalenkov, I. A., Kozlovskiy, G. I. - Synthesis of graft copolymers of polyvinyl alcohol containing triple $\text{C} \equiv \text{O}$ -bonds. *Uzb. khim. zhur.* 10 no. 8:78-78 '80.
- Vasina-Danilova, M. D., Levitskiy, K. V., Danilov, S. M. - In memory of Vasilisa Petrovna, Kuznetsovskiy, obituary. *Zhur. ob. khim.* 38 no. 12:2823-2823 O '80.

647.1 General

- Arava, S. M., Shikha, V. A., Botvink, M. M. - Seryl phosphates and seryl pyrophosphates. Interaction of di(methylamino)-N-benzoylseryl pyrophosphate with hydroxyamides and methylamines. *Zhur. ob. khim.* 38 no. 12:2783-2787 D '68.
- Dobson, L. A., and others. - The role of steric and polar factors in the reaction of silicic acid and their carbon analogs with carbonic anhydrase. *Zhur. ob. khim.* 38 no. 12:2788-2797 D '68.
- Dorofeeva, G. M., Valovskii, L. M., Savin, B. M. - Synthesis of pyridine and pyridine derivatives condensed with a ring A of androstane and cholesterol. *Zhur. ob. khim.* 38 no. 12:2800-2809 D '68.
- Gopal, A. P., Zemlasaki, M. I. - Aminoacids of phosphoric acids. Part 4: Isodisubstituted amino acids of di- and triphosphoric acids. *Zhur. ob. khim.* 38 no. 12:2809-2813 D '68.
- Gyadyayev, E. M., and others. - Synthesis of polyorganometallic compounds with branched chains consisting of silicon and germanium atoms. *Dokl. AN SSSR* 193 no. 1:282-284 '68.
- Lapshin, G. A., and others. - Synthesis of 8,8'-bis(dialkylamino)-9,9'-bis(dialkylthio)- and -dithio-phosphates. *Zhur. ob. khim.* 38 no. 12:2817-2824 D '68.
- Mikhailov, M. S., Drich, V. G., Shumakov, S. P. - Kinetics of oxidation of 1,4-dihydro-2-methyl-2-oxime by permanganate and manganic perchloric acids. *Zhur. org. khim.* 4 no. 11:2867-2870 M '68.
- Medvedev, V. A. - Reaction of substitution by copper salts. Part 3: Formation of C-S bonds. *Zhur. ob. khim.* 38 no. 12:2874-2881 O '68.
- Rakovskiy, G. A., Shchegolev, V. I., Zhil'tsov, A. V. - Reaction of alkyl organosilicon compounds with chloroform. *Izv. AN SSSR, Ser. khim.* no. 12:2882-2885 D '68.
- Vorobey, M. G., Zhigala, L. A. - Hydrolysis of linear and cyclic polyorganosilicones. *Zhur. ob. khim.* 38 no. 12:2887-2891 O '68.

647.3 Acyclic, aliphatic compounds. Substituted alkyl compounds

- Abramov, V. A., and others. - Interaction of phosphoric acid hydrolysis with carbonic compounds. *Zhur. ob. khim.* 38 no. 12:2894-2898 D '68.
- Abramov, V. A., Tarasov, L. A. - Reactions of sodium salts of phosphoric acid monomers with some halo derivatives. Part 2: Synthesis of the esters of p-xylylenediphosphoric (phosphoric) and 4,4'-dihydroxybis(phosphoric) acids. *Zhur. ob. khim.* 38 no. 12:2898-2901 D '68.
- Alkhal, V. A., Belashina, G. M., Starobinets, G. L. - Selectivity of the exchange of univalent anions in aqueous-methanol media on anion exchanger DAUEK-1 x 4 (OH). *Vestn. AN SSSR, Ser. khim.* no. 4:40-45 '68.
- Aliev, M. L., and others. - Synthesis of unsaturated esters of methylcrotonylphosphonic acid. *Azerb. khim. zhur.* no. 6:44-47 '68.
- Andreev, D. M., Lavrinovich, L. L. - Reactions of SN-C bonds in dimethylallylphosphonates to the action of sulfuric acid. *Zhur. ob. khim.* 38 no. 12:2902-2904 D '68.
- Armenak, M. A., Morozov, V. P., Taganov, P. I. - Study of hard phenomena and the dynamics of paraffin deposition in petroleum pipelines. *Izv. vuz. neft. i gaz. tekhn.* no. 10:77-80 '68.
- Aronovich, P. M., Mikhailov, B. M. - Organoboron compounds. Report No. 102: Reaction of alkyl-1-ylthio acid esters with alcohols. *Izv. AN SSSR, Ser. khim.* no. 12:2904-2908 D '68.
- Askarov, M. A., Bekasova, L. R. - Synthesis and properties of polymers of mono- and dialkyl esters of succinic acid. *Uzb. khim. zhur.* 10 no. 3:44-47 '68.
- Amelina, B. K., Ioffe, D. V., Krasovskiy, S. G. - Reducing installation of carbonyl compounds. Part 2: Dual reactivity of aliphatic derivatives of ketones. *Zhur. org. khim.* 4 no. 11:2908-2909 M '68.
- Arava, S. M., Shikha, V. A., Botvink, M. M. - Seryl phosphates and pyrophosphates. Some properties of di(methylamino)-N-benzoylseryl pyrophosphate. *Zhur. ob. khim.* 38 no. 12:2913-2914 O '68.

647.3 Acyclic, aliphatic compounds. Substituted alkyl compounds

- Arava, S. M., Shikha, V. A., Botvink, M. M. - Seryl phosphates and pyrophosphates. Some properties of di(methylamino)-N-benzoylseryl pyrophosphate. *Zhur. ob. khim.* 38 no. 12:2913-2914 O '68.
- Babey, O. M., and others. - Study of condensation of low-molecular-weight olefins. *Azerb. khim. zhur.* no. 3:38-41 '68.
- Bagrov, I. V., Dobson, L. A. - Problems of the separation of isomeric mixtures of methyl acetate - methanol. *Mosk. prot. khim. tekhnol.* no. 8:48-50 '67.
- Belashina, G. M., Ushkin, I. P., Shchegolev, V. M. - Separation of gases of thermal oxidizing pyrolysis of methane by the method of low temperature absorption with methanol. *Mosk. prot. khim. tekhnol.* no. 8:51-53 '67.
- Belashina, G. M., Ushkin, I. P. - Tautomeric equilibrium in acid solutions of p-aminobenzoic acid. Part 6: Comparative study of amino-, dimethylamino-, and dimethylaminobenzoic derivatives. *Reakts. spets. org. soed.* 8 no. 3:698-700 O '68.
- Boldyrev, B. G., and others. - Study of thioamide acids. Part 2: Infrared spectra and structures of thioamide, thioamide, and β -pyridylthioamide acids, their salts and esters. *Zhur. org. khim.* 4 no. 11:693-698 M '68.
- Borikov, S. M., Shchegolev, V. I., Veronov, M. G. - Splitting of cyclohexylphosphonates by acid anhydrides. *Zhur. ob. khim.* 38 no. 12:2914-2915 D '68.
- Chernikov, L. M., Lavrovskiy, V. S. - Synthesis of thioamide hydrocarbons. *Zhur. ob. khim.* 38 no. 12:2915-2916 D '68.
- Chernikov, L. M., Krasovskiy, S. G. - Study of the interaction of low molecular fatty acids with dimethylformamide. *Vysk. LPI* no. 10:112-114 '68.
- Chikhal, I. P. - Treatment of the substitution reaction of olefin by the mixture of ethylene oxide with methyl bromide. *Trudy TSPD* no. 13, pt. 1:86-88 '67.

- Dobson, L. A., Bagrov, I. V. - Equilibrium between liquid and vapor of the system methanol - water - sodium acetate. *Mosk. prot. khim. tekhnol.* no. 8:50-52 '67.
- Dorofeeva, G. M., Valovskii, L. M., Savin, B. M. - Synthesis of pyridine and pyridine derivatives condensed with a ring A of androstane and cholesterol. *Zhur. ob. khim.* 38 no. 12:2800-2809 D '68.
- Drach, B. S., Shikha, V. A. - N-dithiophosphoryl- β , β -bis(trichloroethyl)ethane. *Zhur. ob. khim.* 38 no. 12:2778-2780 D '68.
- Drozd, V. M., Zedrova, L. L. - Mechanism of aniline rearrangement of α -methylthio anilines: Rearrangement of anilines with methylthio. New form of kinetic substitution in the aromatic series. *Zhur. org. khim.* 4 no. 11:691-697 M '68.
- Drozdov, O. N., Zhil'tsov, A. V., Potokov, G. G. - Study of the reactions of organosilicon compounds with isopropyl alcohol by isotopic and mass-spectrometric methods. *Zhur. ob. khim.* 38 no. 12:2706-2710 D '68.
- Kilbarr, A. A., and others. - Penetration of liquid hydrocarbons through polyethylene films. *Mosk. prot. khim. tekhnol.* no. 8:113-117 '67.
- Krasovskiy, S. G., Veronov, M. G. - Photolysis of cellulose materials containing carbonyl and aldehyde groups. *Vestn. AN SSSR, Ser. khim.* no. 4:52-54 '68.
- Kudakov, V. O., and others. - Study of thermal stability of dibasic acid peresters. *Vysk. LPI* no. 10:113-114 '68.
- Golub, A. M., Dorofeeva, G. M. - European thioamides. *Zhur. khim. zhur.* 34 no. 11:118-119 '68.
- Gorbenko, N. I., Shchegolev, V. I., Krasovskiy, S. G. - Preparation of bisoxalones. *Khimiya petrolii, soed.* 3 no. 5:88 '67.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Study of the kinetics of a reaction of carbonyl compounds with methyl alcohol. *Zhur. ob. khim.* 38 no. 12:2914-2915 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Compounds with P-P bonds. Part 4: Mass-spectrometric study of phosphines and energy of P-P bonds in phosphines. *Zhur. ob. khim.* 38 no. 12:2915-2918 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2918-2919 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2919-2920 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2920-2921 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2921-2922 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2922-2923 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2923-2924 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2924-2925 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2925-2926 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2926-2927 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2927-2928 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2928-2929 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2929-2930 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2930-2931 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2931-2932 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2932-2933 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2933-2934 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2934-2935 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2935-2936 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2936-2937 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2937-2938 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2938-2939 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2939-2940 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2940-2941 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2941-2942 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2942-2943 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2943-2944 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2944-2945 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2945-2946 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2946-2947 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2947-2948 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2948-2949 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2949-2950 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2950-2951 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2951-2952 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2952-2953 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2953-2954 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2954-2955 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2955-2956 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2956-2957 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2957-2958 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2958-2959 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2959-2960 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2960-2961 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2961-2962 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2962-2963 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2963-2964 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2964-2965 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2965-2966 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2966-2967 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2967-2968 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2968-2969 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2969-2970 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2970-2971 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2971-2972 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2972-2973 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2973-2974 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2974-2975 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2975-2976 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2976-2977 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2977-2978 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2978-2979 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2979-2980 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2980-2981 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2981-2982 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2982-2983 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2983-2984 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2984-2985 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2985-2986 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2986-2987 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2987-2988 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2988-2989 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2989-2990 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2990-2991 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2991-2992 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2992-2993 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2993-2994 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2994-2995 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2995-2996 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2996-2997 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2997-2998 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2998-2999 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2999-3000 D '68.

- Mishin, V. L., Bress, V. A., Malyukova, E. N., Nasilov, and others. - Structure of amonethines and their structural analogs. Part 3: Analysis of the influence of electronic substituents in nucleus of benzalkylamines on their basicity by the methods of correlation analysis and quantum chemistry. *Reakts. spets. org. soed.* 8 no. 3:682-683 O '68.
- Mishin, V. L., Nasilov, V. A. - Synthesis of p-aminophenyl phosphonates by means of p-dimethylaminophenyl esters. *Zhur. ob. khim.* 38 no. 12:2973-2974 D '68.
- Mokryi, I. E., M., Kotovskiy, Kh. U., Tolstoy, D. K. - Oxidation of unsaturated alcohols on copper catalyst. *Vysk. LPI* no. 10:11-12 '68.
- Morozovskaya, L. M., Kolesnikov, N. A., Shchegolev, V. I. - Indole derivatives. Part 4: O-phosphoric esters of serotonin. *Zhur. ob. khim.* 38 no. 12:2978-2979 D '68.
- Moskvin, I. U. L. - Determining optimum fraction of composition of paraffins for synthesizing fatty acids. *Vestn. AN SSSR, Ser. khim.* no. 4:50-51 '68.
- Morozov, A. A., and others. - Interaction of di- and triphosphoric acids with tin and thallium halides. *Zhur. ob. khim.* 38 no. 12:2979-2980 D '68.
- Moskvin, I. U. L., Ushkin, I. P., Zhil'tsov, A. V. - Synthesis and properties of graft copolymers of polyacrylate with methacrylic acid. Report No. 1: Physicochemical properties of the obtained graft copolymers. *Vestn. AN SSSR, Ser. khim.* no. 4:51-52 '68.
- Medvedev, V. A. - Reaction of substitution by copper salts. Part 4: Formation of C-S and C-T bonds. *Zhur. ob. khim.* 38 no. 12:2980-2981 D '68.
- Medvedev, V. A., Chiruk, O. V. - Study of p-aminophenyl in some amines by the spin echo method. *Zhur. ob. khim.* 38 no. 12:2981-2982 D '68.
- Mazurek, A. M., and others. - Structure of p-aminophenyl derivatives of monomeric esters of p-aminophenyl and V. I. *Dokl. AN SSSR* 193 no. 1:292-293 '68.
- Mishin, V. L., Kolesnikov, N. A., Shchegolev, V. I. - Synthesis of graft copolymer of polyvinyl alcohol containing triple C-C bonds. *Uzb. khim. zhur.* 10 no. 3:76-78 '68.
- Moskvin, I. U. L., and others. - Hydroxylation of substituted compounds by dihydroxybenzoic acids. *Vestn. AN SSSR, Ser. khim.* no. 4:52-53 '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2982-2983 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2983-2984 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2984-2985 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2985-2986 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2986-2987 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2987-2988 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2988-2989 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2989-2990 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2990-2991 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2991-2992 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2992-2993 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2993-2994 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2994-2995 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2995-2996 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2996-2997 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2997-2998 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2998-2999 D '68.
- Orlovskiy, W., Vodya, A., Zedrova, L. L. - Synthesis of phosphines. *Zhur. ob. khim.* 38 no. 12:2999-3000 D '68.

47.3 (Continued)

- Tarova, M. A., Tarasova, E. P. - X-ray diffraction and spectroscopic study of zinc, cadmium, and mercury alkylthioacetates. *Izv. AN SSSR, Ser. khim.* no. 12:2733-2736 D '68.
- Tarandeev, T. I., Mamalida, Z. M., Tatarenko, A. M., - Synthesis and characterization of new unsaturated organosulfonate compounds. *Zhur. ob. khim.* 38 no. 10:2360-2363 O '68.
- Vasilenko, N. A., and others. - Organoboron compounds. Report No. 18. Synthesis and study of the thermal stability of polydimethylsiloxanes with boronate cycles in the main chain. *Izv. AN SSSR, Ser. khim.* no. 12:2737-2744 D '68.
- Vilshina, K. V., Gavrilova, V. A. - Method for the separation of pure saturated fatty acids of a normal structure with 11 to 17 carbon atoms. *Trudy IRKA* no. 24:167-171 '64.
- Zavaliha, A. I., Sorokina, S. F., Milashev, R. E. - Synthesis and oxidative ethylation of isocyanate 2- and polyphosphates and phosphates. *Zhur. ob. khim.* 38 no. 10:2371-2375 O '68.
- Zaytseva, G. L., Alifanov, V. M. - Study of the chemistry of organic oxides. Part 31: Addition of thio to monoxide of chloroprene (3-chloro-3,4-epoxy-1-butene). *Zhur. ob. khim.* 4 no. 11:100-103 M '68.
- Zhukov, S. F., and others. - Reactions of alkyl organosulfonate compounds with carbon tetrachloride and chloroform. *Zhur. ob. khim.* 38 no. 10:2700-2703 D '68.
- Zukova, D. I., Maifanova, G. M., Gorilevskaya, Z. V. - Process of the isomerization of triorganochlorosilanes with isomericity with triethylchlorosilane and isomericity with triethylchlorosilanes. *Zhur. ob. khim.* 38 no. 10:2360-2363 O '68.
- Zharov, K. P., Kozlovskaya, I. K. - Determination of molecular mass of binary liquid systems with denaturing by the cryoscopic method. Systems of nitrile of succinic acid - water, nitrile of succinic acid - succinic acid, nitrile of succinic acid - n. butyl alcohol. *Zhur. ob. khim.* 38 no. 10:2605-2608 D '68.
- Zukova, D. I., Averbach, A. I., Zhukovskaya, I. P. - Oxidation of methanol to formaldehyde and methyl alcohol in a fluidized bed of aluminum chloride catalyst. *Massob, prota. khim. tekhnol.* no. 3:143 '67.

47.4 Unsaturated (allene and alkene) compounds

- Abramov, V. E., Savitskaya, R. M., Ermakova, V. M. - Reaction between epichlorohydrin and trivalent phosphorus derivatives. Part 3: Reaction between epichlorohydrin and others, ether oxides and oxides of phosphorus acid. *Zhur. ob. khim.* 38 no. 10:2331-2333 O '68.
- Bashayev, G. L., Cherkashin, M. I., Barina, A. A. - Polymerization of phenylacetylene on Ziegler-Natta catalysts. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Belashov, K. A., and others. - Study of liquid-vapor phase equilibrium in the system phosphorus oxybromide-bromochlorodichloride. *Izv. AN SSSR, Ser. khim.* 4 no. 11:2018-2021 M '64.
- Borisova, M. P. - Calculation of polysaccharide structure for radical polymerization. *Zhur. strukt. khim.* 3 no. 2:618-621 S-O '62.
- Bratkov, V. A., Stankov, V. I. - Complexes of 1,2-dioxane-4-carboxylic acid and its derivative HCBg₂ (C₆H₁₀O₂) with copper and silver. *Zhur. ob. khim.* 38 no. 10:2330 D '68.
- Burakovskiy, G. S., Baidov, I. I., Lashchenko, I. P. - Reactions of O-allyl-substituted acetals of ketones. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Chernomir, V. I., Fakhruddinov, R. Z., Matias, L. S. - Study of the effect of reaction conditions on the synthesis of 1-nitro-3-propenol alkyl ethers by interaction of alcohols with 1-nitro-3-propenol. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 11 no. 11:1237-1240 '68.
- Damodurov, I. A., Ustunin, I. P., Shlehtnikov, V. M. - Solubility of acetylene and carbon dioxide in N-methylpyrrolidone at low temperatures and high pressures. *Massob, prota. khim. tekhnol.* no. 3:144-145 '67.
- Dikhanov, J. A., and others. - The role of steric and polar factors in the reaction of allylamine with their carbon analogs with carbonyl compounds. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Dubinskii, I. V. - Treatment of the esterification condition of sugar by the mixture of ethylene oxide with methyl bromide. *Trudy TSNKh* no. 10, pt. 1:28-30 '67.
- Doroshenko, D. M., Zharovskiy, V. M. - Preparation of acrylyl chloride by the interaction of acetylene acrylyl salt with thionyl chloride. *Vysnyk LPI* no. 10:13-14 '64.
- Domokov, V. M., Stankov, V. I. - New bis-quaternary ammonium salts with polymethylene chain link as potential crosslinking agent. *Trudy IRKA* no. 24:144-145 '64.
- Dzhalil, R. A., Oseipov, B. M. - Chain transfer constants in telomerization of propylene by chloroform: influence of bond dissociation energy and of stability of formed radical on substitution reaction rate. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Fedorov, K. V., Zharovskiy, V. M., Tolokov, D. K. - Oxidation of isobutylene on oxide iron-antimony-molybdenum catalysts. *Kataliz i metaliz.* no. 4:170-173 '68.
- Gerasimov, I. M., Aestian, L. P. - Transformation of some ferrocene-oxalylidene-γ-glycols. *Soob. AN Gruz. SSR* 51 no. 3:162-169 S '68.
- Gryzhnevskiy, B. S., and others. - Pyrolysis of a paraffin hydrocarbon for the production of olefins. *Vysnyk LPI* no. 10:16-18 '64.
- Isaeva, G. G., and others. - Organosilane and organoaluminum synthesis of vinylacetylene ketones. *Zhur. org. khim.* 4 no. 11:1004-1008 M '68.
- Izrael, G. V., and others. - Rearrangement of propargyl acid esters of trivalent phosphorus containing trifluoromethyl radicals. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Kirichenko, T. I., Viletskiy, R. I., Kozharenko, A. H. - Copolymerization of 1-ethyl-1-propyne with diene and vinyl monomers. *Vysnyk LPI* no. 10:16-18 '64.
- Kuznetsov, I. A., and others. - Stabilization of polyolefins by phenylacetylene derivatives. *Uch. zap. RPI* 37 no. 16:21-23 '67.

- Kiselevich, V. O., Yarov, N. M. - Chromopotentiometric study of the dissociation of ethylacetamide complexes of copper. *Khim. tekhn.* no. 8:87-89 '67.
- Kolotinskaya, I. G., Chistokov, V. M., Petrov, A. A. - α,β-unsaturated phosphines in the reactions of 1,3-bisolate addition. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Korshak, L. S., Rastvorova, N. A., Petrov, A. A. - Organophosphorus heterocycles. Part 16: Condensation of diethoxyphosphorylphosphoric acid chlorides with some conjugated systems. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Korshak, L. S., Molokanov, I. M. - Studying the composition of the chlorination products of isobutylene by means of infrared spectroscopy. *Vysnyk LPI* no. 10:167-171 '64.
- Kulagina, T. G., Savitskaya, G. D., Aleshin, M. A. - Synthesis of N-ethylmaleimide and its copolymerization with vinyl monomers. *Uch. zap. RPI* 37 no. 16:21-23 '67.
- Kulshammer, S. E. - Mass spectrometric study of reactions of excited atoms and molecules. Part 16: Ionization processes in water, acetylene, and mixtures of water and acetylene with deuterium and hydrogen. *Khim. vyz. energ.* 3 no. 1:17-22 Ja-F '68.
- Lander, M. A., and others. - Calculation of the ionization potentials of halo-substituted ethylenes by means of the method of molecular orbitals. Part 2: *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Lashchenko, I. P., Debort, S. S., Mochalov, A. M. - Calculation of the ionization potentials of halo-substituted ethylenes by the simple method of molecular orbitals. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Lashchenko, I. P., and others. - Bisoxathiolane-oxidizing catalysis of the reaction of propylene oxidation. *Kataliz i metaliz.* no. 4:170-173 '68.
- Lavrik, V. P., Porel-Koshkin, M. A. - Structure of crystals and molecules of allyl-palladium chloride PdCl₂·C₃H₅. *Zhur. strukt. khim.* 3 no. 4:472-473 Ji-Ag '62.
- Mironov, V. F. and others. - Reaction between trichloropropene and unsaturated carbonyl compounds. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Moskalev, U. M., Demidov, K. U., Babayev, T. M. - Synthesis and study of the properties of graft copolymers of polystyrene with methacrylic acid. Report No. 1: Effect of the radiation dose on grafting. *Uch. zap. RPI* 37 no. 16:21-23 '67.
- Oskanbekov, G. V., and others. - Hydrohalogenation of unsaturated compounds by dihydrohalanes. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Pogorelec, M. A., K. A., Zaygorodnii, V. B., Marekha, I. A. - Unsaturated in hydrocarbons. Part 11: Tin-containing aminobenzene. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Rastvorov, S. D., Yarov, N. M. - Synthesis and thermal decomposition of isobutylene oxides. *Zhur. ob. khim.* 4 no. 11:2018-2021 M '64.
- Shlehtnikov, V. M. - Study in the field of preparation of low temperature concentrated solutions of acetylene. *Massob, prota. khim. tekhnol.* no. 3:143 '67.
- Sholokov, I. M., Romashovskiy, M. K. - Synthesis and reactions of cyclopentadiene derivatives containing silicon. Part 4: Condensation of cyclopentadienylchlorosilanes with hexamethyldisiloxane. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Shostakovskiy, M. F., and others. - Synthesis and some transformations of organosilicon α-acetylene ketones. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Stankov, V. I., Ananov, G. A. - "Isomerization" of 1-bromocyclohexyl-O-benzene. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Stankov, V. I., Kuznetsov, A. I., Titova, M. S. - Halogenation of n-benzene. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Sulayeva, L. M., Kiselevskiy, A. L. - Rare-gas catalysis oxidation of acrylonitrile to acrylyl acid. *Vysnyk LPI* no. 10:13-14 '64.
- Tashchuk, K. G., Pritychkov, L. G., Doroshenko, A. V. - Use of the method of R₂O₂ addition for the synthesis of some esters of β-alkyl-α-aryl acrylyl acid and the preparation of substituted styrenes. *Uch. zap. RPI* 37 no. 16:21-23 '67.
- Vaidovskiy, A. P., Podolov, A. M. - Influence of electrochemical and kinetic on the cyclic trimerization of butadiene in stereoregular polymerization. *Dokl. AN SSSR* 183 no. 3:230-232 '68.
- Zaytseva, G. L., Alifanov, V. M. - Study of the chemistry of organic oxides. Part 31: Addition of thio to monoxide of chloroprene (3-chloro-3,4-epoxy-1-butene). *Zhur. ob. khim.* 4 no. 11:100-103 M '68.
- Zharovskiy, V. M., and others. - Vapor-phase oxidation of acrylonitrile to acrylyl acid and methacrylyl acids. *Vysnyk LPI* no. 10:13-14 '64.

47.4 Polyunsaturated acyclic compounds

- Akma, A., Kama, J., Mamak, A. - Use of the inclusion compounds of urea with dimethyl esters of aliphatic dicarboxylic acids. *Trudy TPI, Ser. A.* no. 3:4-12 '67.
- Aliev, I. A., and others. - Carbonylation of bromo- and iodoanilines. *Uch. zap. RPI* 37 no. 2:30-32 '68.
- Aliev, M. I., and others. - Synthesis of some xanthogenic acid esters. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Belonova, E. M., Bobrovskaya, M. M., Dushak, L. A. - Reaction of permanganate tetrachloride with α and β-alkeno. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Berdinskii, I. A. - Substituted hydrazides of hydrazine-carboxylic acids. Part 11: Complexes of arylhydrazides of dialkylhydrazide acids with SOCl₂. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Berdinskii, I. A., Gusev, O. F. - Tautomerism equilibrium in acid solutions of p-aminobenzoate compounds. Part 6: Comparative study of aniline-, dimethylamino-, and dimethylaminobenzoate derivatives. *Russk. spoz. org. khim.* 6 no. 3:600-700 O '68.
- Borysenko, I. B., Gusev, R. M., Moscovskiy, A. A. - Effect of some plasticizers on the quality of methacrylate films. *Paralimov, zhur.* 21 no. 8:23-27 '64.

- Bolander, A. F., Dezhobanko, V. P. - Drying of starch by infrared rays. *Massob, prota. khim. tekhnol.* no. 3:144-145 '67.
- Chernomir, V. I., Fakhruddinov, R. Z., Matias, L. S. - Study of the effect of reaction conditions on the synthesis of 1-nitro-3-propenol alkyl ethers by interaction of alcohols with 1-nitro-3-propenol. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 11 no. 11:1237-1240 '68.
- Denisenko, V. P., Rodi, V. P., Chirakova, T. A. - Diquaternary ammonium salts. Part 4: N-derivatives of ethylenediamine. *Zhur. ob. khim.* 38 no. 10:2330-2332 O '68.
- Deshova, N. M., Rikhsan, B. L. - Study of the complex-forming property of N, N, 2-mercaptoethylamine triacetic acid with some rare elements. *Trudy IRKA* no. 24:144-145 '64.
- Dresh, B. S., Skitsa, A. D. - N-diethoxyphosphonyl-β,β,β-trichloroethylidene. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Drozhda, I. G., Vakhshina, L. V. - Solubility isotherms of the system nickel chloride thiocarbamide and water at 30° and 80°. *Zhur. ob. khim.* 38 no. 10:2330-2332 O '68.
- Ermakova, V. M., and others. - Use of cellulose phosphates for blood stabilization. *Vestnik AN SSSR, Ser. khim. med.* no. 4:127-130 '68.
- Ermakova, V. M., Ermakova, G. M. - Photolysis of cellulose materials containing carboxyl and aldehyd groups. *Vestnik AN SSSR, Ser. khim. med.* no. 4:127-130 '68.
- Kasauldin, Mokhammad Saad Salem, Fedosova, N. V., Miasov, A. B. - Chemistry of polyvinylidene. Part 11: Synthesis of acetylene. Obtaining free heptapeptide acetylated with (1,4-dimethylpiperidin-2-yl) acid. *Zhur. ob. khim.* 38 no. 10:2330-2332 O '68.
- Ortmanekil, I. K., Baita, V. I., Rastvorov, S. D. - Properties of sodium salt solutions of monomers of maleic and maleic anhydride. *Massob, prota. khim. tekhnol.* no. 3:143 '67.
- Ortmanekil, I. K., and others. - Fractionation of some microimpurities during the crystallization of maleic acid from aqueous solutions. *Trudy IRKA* no. 24:144-145 '64.
- Ortmanekil, I. K., Demitrieva, M. S. - Fractionation of some impurities during the processes of the deep purification of citric acid. *Trudy IRKA* no. 24:144-145 '64.
- Ortmanekil, I. K., Kharova, I. A., Vasil'eva, L. V. - Fractionation of trivalent iron microimpurities during crystallization of double salt of sulfuric ammonium lanthanum and lanthanum oxalate. *Trudy IRKA* no. 24:144-145 '64.
- Ortmanekil, I. K., and others. - Bis-β-chloroethyl acrylate. Report No. 1: Derivatives of α-methyl-α-ethyl-β-(3-chloroethylthio)propenoic acid and α-methyl-α-(3-chloroethylthio)-β-chloropropenoic acid. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Ortmanekil, I. K., Shorygina, M. M. - Nitration of some methylated lignine by alcoholic solution of nitric acid. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Ivanov, N. V., Bogovin, E. A., Antonov, L. S. - Synthesis of organosilicon derivatives of cellulose with bifunctional organosilicones. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Kalchik, M. I., Parov, Z. M., Kuznetsov, D. M. - Reaction of allylchlorides with triethylamine in acid medium. *Dokl. AN SSSR* 183 no. 3:245-247 '68.
- Karpov, O. M. - Dichromatometric determination of glucose and its derivatives. *Trudy IRKA* no. 24:144-145 '64.
- Karpov, O. M. - Dichromatometric determination of glycerophosphates. *Trudy IRKA* no. 24:144-145 '64.
- Kobachikov, M. E., and others. - Mechanism of radiolysis of aqueous solutions of ribose. *Dokl. AN SSSR* 183 no. 3:276-278 '68.
- Korshak, V. V., Rogoshin, S. V., Babayev, R. D. - Polycondensation of the carbanilins of anilines of α-amino acids. *Uch. zap. RPI* 37 no. 2:30-32 '68.
- Kozlov, N. I. A., Mal'nikova, I. V., Lashchenko, A. A. - Hydrolysis of phosphoric ester of glycerol aldehyde in the presence of amino acids. *Uch. zap. RPI* 37 no. 2:30-32 '68.
- Krengold, S. U., Bonch-Bruyevich, E. A. - Kinetic reaction for the determination of iron by means of stilbene. *Trudy IRKA* no. 24:144-145 '64.
- Kutskova, A. E., and others. - Transformations of vinylidene chloride in the presence of aluminum chloride. *Zhur. ob. khim.* 4 no. 11:1004-1008 M '68.
- Lashchenko, I. P., and others. - Reactions of styrene p-nitrobenzyl with nucleophilic agents and phosphorus trichloride. *Uch. zap. RPI* 37 no. 2:30-32 '68.
- Mal'nikova, I. V., and others. - Polysaccharide reduction of some aliphatic nitro alcohols and their oxy ethers. *Uch. zap. RPI* 37 no. 2:30-32 '68.
- Mal'nikova, I. V., Dresh, B. S., Rastvorov, S. D. - Kinetics of oxidation of 1,4-dibromo-3-methyl-2-butene by permanganate and monochloroperoxy acids. *Zhur. ob. khim.* 4 no. 11:1004-1008 M '68.
- Mavris, A. S., Kovalenko, P. M., Bagdasaryan, K. M. - Electrolytic deposition of nickel from cerium-nickel tartrate solutions. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 11 no. 11:1237-1240 '68.
- Mikhailev, B. I., Lapshin, V. L., Sopyan, V. E. - Synthesis of some unsaturated ethers of ethylenediamine and chloroethylidene-derivatives of D-glucose. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Mishin, I. V., Madzhidova, L. B. - Synthesis of peptides by means of p-dimethylaminobenzoyl esters. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Moskovskiy, A. A., Oskanbekov, E. B., Gorbacheva, E. M. - Synthesis of the fragments of lysine, aspartic acid, polyvinylidene. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.
- Nazim, G. M., Mikhlin, G. E., Dobovitskiy, F. I. - Thermal decomposition of fluorobenzodifluoromethane and related compounds. *Izv. AN SSSR, Ser. khim.* no. 12:2735-2738 D '68.
- Oskanbekov, E. B., Oskanbekov, V. I., Gusevskiy, E. L. - Effect of sodium hydroxybutyrate on the content of maleic and pyruvic acids in hypoxia. *Biol. eksp. biol. med.* 87 no. 1:30-32 Ja '68.
- Oskanbekov, E. B., Kharovskiy, A. A., Kozharenko, L. V. - Synthesis of peptides on polymer carrier in a solution. Part 2: Principles of the method and synthesis of glycidylglycyl-L-leucylglycine. *Zhur. ob. khim.* 38 no. 10:2330-2332 D '68.

541.4 (Continued)

- Ochinskii, I. A., Kirichuk, A. A., Kozhennikova, I. V. - Synthesis of peptides on polymer carrier in a solution. Part 2: Synthesis of L-valyl-L-tyrosyl-L-valyl-L-histidyl-L-prolyl-L-phenylalanine and Gly²-Gly³-L-phenylalanine. *Zhur. ob. khim.* 33 no. 12:2434-2447 D '69.
- Parina, E. V., Mikhaleva, V. P. - Free amino acids in various organs of rats in osteogenesis. *Zhur. evol. biokhim.* 1 (1968), 2 no. 8:439-448 S-O '68.
- Podiev, I. U., Tashpulatov, I. U. - Infrared absorption spectra of cellulose esters. Cymacetyl cellulose, cellulose acetate. *Uzb. khim. zhur.* 10 no. 4:41-44 '68.
- Rizayev, M. U., and others. - Studying the mechanism of ion exchange purification of tartaric acid diffusion pole on (open cation exchangers). *Masosh. prots. khim. tekhnol.* no. 2 (10-11) '67.
- Rizayev, M. U., Shurmatova, K. A., Tashpulatov, G. S. - Study of mass exchange in the sorption of lactic acid on different adsorbents. *Masosh. prots. khim. tekhnol.* no. 2 (10-11) '67.
- Romanov, I. B., Tolibov, M. T. - Effect of solvent on carbonylation of amino ethanol. *Uzb. khim. zhur.* 13 no. 4:37-39 '68.
- Shafaritskiy, V. M. - Complex compounds of trivalent cobalt with oxalylglyoximate and oxalylsuccinate. *Izv. AN Mold. SSR* no. 9:11-15 '63.
- Shakhmurov, G. M., Shakhmurov, L. A., Dargatzis, M. T. - Study of amino acids. Part 4: Synthesis of γ -substituted α -glutamic acids. *Zhur. org. khim.* 4 no. 11:1824-1829 N '68.
- Shchegolev, L. A., Degtiar, V. G., Bortnikova, E. I. - Synthesis of protected tripeptide corresponding to the sequence of amino acids 45-46 of ribonuclease chain. *Khim. prirod. soed.* 2 no. 1:37-40 '67.
- Shchegolev, I. U., Perlov, T. G., Khirachkova, L. A. - Reaction of phosphine with tertiary amines. *Zhur. org. khim.* 4 no. 11:1811-1813 '68.
- Talibova, N. K., Kulikova, A. E., Zilberman, E. N. - Study of the thermal stability of chloroethanes in the presence of aluminum chloride. *Zhur. org. khim.* 4 no. 11:1810-1813 N '68.
- Temelkova, T. L., Dneprovskiy, A. B. - Chemical transformations of halo ketones. Part 17: Reaction of α -halo- β -ketones with nucleophilic reagents. *Zhur. org. khim.* 4 no. 11:1823-1828 N '68.
- Tolstogonov, S. R., Khramov, S. A. - Reaction of α -halo-hydroxy acids with amines. *Uzb. khim. zhur.* 10 no. 3:23-26 '68.
- Tumarkina, K. R., and others. - Study of SO₂ desorption from sulfuric liquids of cellulose-paper production under kinetic conditions. *Masosh. prots. khim. tekhnol.* no. 3:149-151 '67.
- Vladimirov, T. P., and others. - Synthesis of alkyl carboxylates as selective solvents for hydrocarbons. *Neftel. i neftekhim.* no. 1:27-29 '68.
- Volkova, A. Y., and others. - Toxicological experiments of antitumor cellulose fractions. *Trudy TGU D 10* no. 18, pt. 1:51-53 '67.
- Zhdanov, I. A., Ushova, L. A., Gaponova, K. V. - Use of vinyl esters in the synthesis of higher sugar derivatives. *Zhur. ob. khim.* 38 no. 12:2518-2523 D '68.
- Zhitkov, S. F., and others. - Reactions of alkyl organosulfur compounds with carbon tetrachloride and chloroform. *Zhur. ob. khim.* 38 no. 12:2705-2708 D '68.
- Zhuravlev, K. F., Melnikova, E. K. - Determination of molecular weight of binary liquid systems with density by the cryoscopic method. Synthesis of steric acid, water, nitric acid, succinic acid - isomeric acid, steric acid, steric acid - β , butyl alcohol. *Zhur. ob. khim.* 38 no. 12:2803-2808 D '68.

547.5 Cyclic (ring) compounds. Im- or heterocyclic ring compounds

- Abdurashidova, A. R., Tumpov, A., Magomedova, L. - Cyclopolymerization of acrolein and its esters. *Uzb. khim. zhur.* 12 no. 8:47-51 '68.
- Allen, I. A., and others. - Characterization of bromo- and iodoethanes. *Uzb. khim. zhur.* 10 no. 1:54-59 '68.
- Alimov, I. P., and others. - Stability of polydimethylsiloxane compounds with 1,3-cyclohexanediols in solutions. *Izv. AN BSSR, Ser. khim.* no. 12:2075-2078 D '68.
- Ashurov, M. A., Muratova, M. A., Kadhar, A. B. - Alkylation of phenol with α -olefins. *Azerb. khim. zhur.* no. 9:18-22 '68.
- Akhmetov, E. Z., Isfah, D. V., Kuznetsov, S. G. - Reducing substitution of carbonyl compounds. Part 6: Dual reactivity of dithiuron derivatives of ketones. *Zhur. org. khim.* 4 no. 11:2003-2008 N '68.
- Bolotov, B. G., and others. - Study of thioamide acids. Part 2: Infrared spectra and structures of thioamide acids, thioamide acids, and β -pyridimethionine acids, their salts and esters. *Zhur. org. khim.* 4 no. 11:1993-1998 N '68.
- Braun, V. A., and others. - Basicity and structures of azomethines and their structural analogs. Part 4: Arylhydrazones. *Reakts. spets. org. soed.* 8 no. 3: 681-684 O '68.
- Chernykh, M. G., Khramov, V. A. - Potentiometric titration of phenols with carbon-polarized platinum electrodes. *Izv. AN Mold. SSR* no. 11:38-43 '68.
- Dzhalilov, V. N., Kadrova, L. L. - Mechanism of facile rearrangement of α -methylalkyl sulfones: Rearrangement of alkylmethyl sulfones. New form of the substitution in the aromatic series. *Zhur. org. khim.* 4 no. 11:1988-1990 N '68.
- Dolomov, V. M., Merkuriev, I. S., Polakova, N. V. - Synthesis of 5-amino-3,4-dimethylacetoxyphenol. *Trudy IREK* no. 24:53-57 '64.
- Dolomov, V. M., Merkuriev, I. S., Kozlovskiy, E. L. - Mechanism of the interaction of quinazolinone with hydrazine. *Trudy IREK* no. 24:58-60 '64.
- Dolomov, V. M., Ostrovskiy, V. M., Parshakov, M. X. - 1,3-dimethyl-5-oxo-2-phenyl-1,2,4-triazole in extraction systems. *Trudy IREK* no. 24:70-73 '64.

- Dolomov, V. M., Ostrovskiy, V. M. - Synthesis of 3-hydroxy-5-oxo-2-phenyl-1,2,4-triazole. *Trudy IREK* no. 24:41-43 '64.
- Eryakov, I. U., Chiradov, V. G. - Isomerization of dihydrobenzofuran with aluminum bromide. *Izv. vys. shkol. ser. khim. i khim. tekhn.* 11 no. 11:1263-1264 '68.
- Eryakov, I. U., Sharyakov, A. A., Belokobova, A. P. - Equilibrium between trihydrobenzofuran isomers. *Izv. vys. shkol. ser. khim. i khim. tekhn.* 11 no. 11:1264-1265 '68.
- Finkel'shteyn, A. V., Turbasa, M. A., Kurekha, L. E. - Absorption spectra and reactivity of some aromatic compounds. Part 17: Hydrogenation of substituted derivatives of benzaldehyde. *Reakts. spets. org. soed.* 8 no. 3:750-753 O '68.
- Gabdrakhmanov, F. G. - Ion-exchangers as catalysts in the rearrangement of arylglyoxal esters. *Trudy IREK* no. 24:54-56 '64.
- Galka, I. G., Babits, S. P. - Kinetics of phenyl isopropyl-ation. *Trudy IREK* no. 24:171-174 '64.
- Galla, S. S., and others. - Reactions of aromatic nitro compounds. Part 24: Kinetics of products of the addition of two nucleophilic molecules to polynitro compounds. *Zhur. org. khim.* 4 no. 11:1978-1981 N '68.
- Gorbachev, V. P., Koshchik, N. D. - Determination of calcium permanganate in high-purity iron oxide by means of pyrolysis (X-ray). *Trudy IREK* no. 24:144-145 '64.
- Gorbachev, V. P., Babits, S. P. - Water control in the analysis of high-purity materials for calcium content using oxides of the Al-Union Research Institute of Chemical Reagents and Physical-Mathematical Chemistry. *Trudy IREK* no. 24:146-147 '64.
- Ilyusheva, L. M., and others. - Arylhydrocarbons. *Zhur. ob. khim.* 38 no. 12:2413-2414 D '68.
- Kozlovskiy, V. A., Kozlovskiy, A. I., Kozlovskiy, E. I. - Spectra of dimines with conjugated systems. Radiometric effect in acylation. *Dokl. AN BSSR* 183 no. 3:241-244 '68.
- Kozlovskiy, E. I., and others. - Study of magneto-optical analysis of liquid mixtures for controlling benzol under industrial conditions. *Pril. i ust. spr.* no. 9: 6-8 S '67.
- Kozlovskiy, E. I., Kozlovskiy, E. V. - Alkylation of aromatic compounds with γ -nucleophiles. *Uzb. khim. zhur.* 12 no. 4:40-43 '68.
- Kozlovskiy, E. I., Parina, E. V., Kozlovskiy, D. M. - Reaction of methyl chlorides with triethylamine in acid medium. *Dokl. AN BSSR* 183 no. 3:245-247 '68.
- Kozlovskiy, E. I., Kozlovskiy, E. V., Kozlovskiy, T. I. - Chemical transformations of α -halo ketones. Part 16: Kinetics of the reaction of α -halo ketones with substituted amines in ethylalcohol. *Zhur. org. khim.* 4 no. 11:1829-1832 N '68.
- Kozlovskiy, E. I., Kozlovskiy, E. V. - Determination of the reactivity of methyl chloride and its derivatives. *Trudy IREK* no. 24:148-149 '64.
- Kozlovskiy, V. A., Chiradov, V. G. - Potentiometric titration of some phenols by bromine-bromide. *Izv. AN Mold. SSR* no. 9:48-53 '63.
- Kozlovskiy, E. I. - Study of mass transfer in the range of low concentrations as exemplified by the description of benzene, toluene, and gasoline from aqueous solutions. *Masosh. prots. khim. tekhnol.* no. 3:177-180 '67.
- Kozlovskiy, E. I., and others. - Selecting optimum conditions for the alkylation of phenol by ethylene on the KU-3 catalyst. *Neftel. i neftekhim.* no. 1:25-27 '68.
- Kozlovskiy, E. I., Turbasa, M. A., Kozlovskiy, A. V. - Potentiometric and spectrophotometric study of acid dissociation constants of 1,3,4,4-tetrahydro-2H-pyran-2-one. *Zhur. ob. khim.* 38 no. 12:2415-2418 D '68.
- Kozlovskiy, E. I., and others. - Dynamics of the alteration of a level of glucose in the organs and tissues of rats exposed to high energy protons, γ -rays and fission neutrons. *Vest. Mosk. univ. Ser. fiziol. i med. biol.* 11 no. 6: 22-28 M-D '68.
- Kuliev, A. M., Akhmedov, E. A. - Reaction products of bis-phenol with formaldehyde and secondary amines as polycondensates. *Azerb. khim. zhur.* no. 9:23-28 '68.
- Kuliev, A. M., Omerov, E. M., Omerov, D. G. - Development of the technology for a continuous process of phenol alkylation with a polymer distillate in the presence of an aluminum chloride catalyst. *Neftel. i neftekhim.* no. 9: 27-29 '68.
- Kuznetsov, V. M., Grigorovich, V. I. - Optical activity of ethoxyphenyl and keto-phenyl isomers of carbocyclic ring. *Khim. prirod. soed.* 3 no. 1:51-54 '67.
- Lagutskiy, L. I., Dadeh, V. A. - Application of the MO method to the interpretation of results of polarographic study of some heterocyclic systems. Part 3: Para-substituted nitrobenzenes and benzaldehydes. *Reakts. spets. org. soed.* 8 no. 3:722-724 O '68.
- Litvinenko, L. M., Gavrilov, V. A. - Effect of the solvent on the formation rate of aryl sulfonides. *Reakts. spets. org. soed.* 8 no. 3:725-726 O '68.
- Lokshin, V. G., Dokuchaeva, M. N. - Effect of alkyl groups on quinones, nitro, nitroso, azo compounds, and azides of the aromatic series. *Zhur. org. khim.* 4 no. 11:1985-1988 N '68.
- Lokshin, A. M., Chernykh, V. V. - Use of sulfonates for the determination of alcohols. *Trudy IREK* no. 24: 289-293 '64.
- Lokshin, V. V. - Scope α -methoxyacetic acids of the cyclohexane and Δ^2 -cyclohexene series. *Trudy AN Lit. SSR, Ser. B* no. 3:76-78 '68.
- Lokshin, A. M., Mikhaleva, E. A. - Hydrogen bond and steric effect on the constant of acidity. Report No. 1: Correlation factor and structure of substituted phenol and azides. *Zhur. ob. khim.* 38 no. 12:2419-2422 D '68.
- Makarevich, M. M., and others. - Reaction of alkyl iodide with aromatic hydrocarbons. *Dokl. zap. AZN, Ser. khim. nauk* no. 2:81-83 '68.
- Makarevich, S. D., and others. - Investigation of the quantitative behavior composition of tere- and isophthalonitriles. *Azerb. khim. zhur.* no. 9:29-30 '68.

- Maftukov, M. M., Rasvodoskaya, L. V., Gerasimov, I. T. - Interaction of the acid chlorides of N, N-dimethyl-alkyl- and benzophosphonic acids with amines. *Zhur. ob. khim.* 38 no. 12:2449-2451 D '68.
- Mel'nikov, V. A., and others. - Concentration of the peroxide of isopropylbenzene in the production of the acid acetone. *Neftel. i neftekhim.* no. 1:43-44 '68.
- Mikhaleva, V. L., Dadeh, V. A., Makarevich, S. D. - The structure and dipole moments of azobenzene. The acceptor properties of arylalkyl groups. *Uzb. khim. zhur.* 36 no. 12:2752-2753 D '68.
- Mokriyev, T. M., Tolopko, D. K. - Isolation of the reaction products of oxazone by distillation. *Trudy IREK* no. 10:33-34 '68.
- Murkin, G. E., Lamer, O. V. - Chemical synthesis of terpenoids extracted from Salvia glauca. *Izv. AN Mold. SSR* no. 9:97-99 '63.
- Murkin, I. A., and others. - Oxidation of isopropylbenzene in a layer of foam. *Neftel. i neftekhim.* 13: 38-41 '68.
- Nikolaev, G. I., Nikova, G. G., Zilberman, E. N. - Synthesis and study of (fluorine-containing aryl- and alkyl) (3-haloalkyl) amines. *Zhur. ob. khim.* 38 no. 12:2723-2728 D '68.
- Parashkova, M. Z., Koshchik, N. D. - Synthesis of the All-Union Research Institute of Chemical Reagents in complexometric indicator in the determination of magnesium. *Trudy IREK* no. 24:143-144 '64.
- Platonov, V. M., and others. - Aromatic fluorine derivatives. Report No. 31: Reaction of benzaldehyde with potassium fluoroborate. *Izv. AN BSSR, Ser. khim.* no. 12:2729-2731 D '68.
- Popa, D. P., Lamer, O. V., Rado, A. G. - Analogues of arylalkylamines and their structural analogs. *Izv. AN Mold. SSR* no. 9:98-100 '63.
- Popa, D. P., Rado, A. G. - Paper chromatography of arylalkylamines. *Izv. AN Mold. SSR* no. 9:101-102 '63.
- Popovskiy, L. A. - Synthesis of dihydroxyacetone 2,2-dimethyl-3-(α -aminoethyl) cyclohexanecarboxylic acid. *Zhur. ob. khim.* 38 no. 12:2777-2778 D '68.
- Popova, I. L., Baidakov, I. D., Mikhaleva, V. L. - Study of the structure of azomethines and their structural analogs. Part 5: Effect of methoxy-aryl substituents on the reactivity of β -halo ketones (1,1,1,3,3,3-hexafluoro-2,4,6-trichlorobenzene). *Reakts. spets. org. soed.* 8 no. 3:727-728 O '68.
- Rado, A. G., Lamer, O. V., Rado, A. G. - Decomposition of oxazones in the presence of water vapor. *Trudy IREK* no. 10:35-36 '68.
- Rado, A. G., Rado, A. G. - Synthesis of γ -C-allylphenol derivatives series. Report No. 1: Shift of the equilibrium in γ -C-allylphenol derivatives. *Izv. AN BSSR, Ser. khim.* no. 12:2739-2741 D '68.
- Sel, L. A., Lamer, O. V., Rado, A. G. - Infrared spectra of derivatives of oxazones of the arylalkyl series. *Izv. AN Mold. SSR* no. 9:103-104 '63.
- Rado, A. G., Rado, A. G., Rado, A. G. - Synthesis of alkylating properties of some oxazones and arylalkylamines. *Zhur. org. khim.* 4 no. 11:1991-1994 N '68.
- Rado, A. G., Rado, A. G., Rado, A. G. - Synthesis of γ -C-allylphenol derivatives series. Report No. 1: Properties of γ -C-allylphenol derivatives. *Uzb. khim. zhur.* no. 11:77-79 '68.
- Rado, A. G., Rado, A. G., Rado, A. G. - Nucleophilic substitution in the aromatic series. Part 17: Kinetics of reaction of nitromethylphenyl and trifluoromethylphenyl derivatives with piperidine in benzene, alcohol, and dimethylformamide. *Zhur. org. khim.* 4 no. 11:1995-1998 N '68.
- Rado, A. G., Rado, A. G., Rado, A. G. - Nucleophilic substitution in the aromatic series. Part 18: Kinetics of reaction of 2,4-dimethyl-6-nitrophenyl derivatives with piperidine and morpholine in methyl alcohol and benzene. *Zhur. org. khim.* 4 no. 11:1999-2001 N '68.
- Sheln, E. M., Fyodorov, A. V. - Role of alcohols in the reactions of alcohols with aromatic aldehydes. *Reakts. spets. org. soed.* 8 no. 3:729-730 O '68.
- Shovkova, I. G., Vynokova, N. A. - Catalytic activity of substituted benzene by hydrogen peroxide. *Zhur. org. khim.* 4 no. 11:1999-2001 N '68.
- Shovkova, I. G., Vynokova, N. A. - Synthesis and reactions of oxazones derivatives containing alcohols. Part 4: Characterization of oxazones containing alcohols with benzaldehyde and oxazones. *Zhur. ob. khim.* 38 no. 12:2741-2742 D '68.
- Shovkova, I. G., and others. - Spectral features of the spectra of benzyl, allyl, and other compounds with a methylene bridge. *Vest. (Uzb. khim. zhur.)* 1968: 15-16 J '68.
- Shovkova, I. G., and others. - Investigation of vinylarylamines. *Izv. AN BSSR, Ser. khim.* no. 12:2743-2745 D '68.
- Shovkova, I. G., Rado, A. G. - Production of secondary aromatic and aliphatic-oxazones by the Rado rearrangement. *Zhur. org. khim.* 4 no. 11:1997-2000 N '68.
- Shovkova, I. G., Shovkova, O. R. - Molecular spectra of phenols of a different structure on substitution exchangers. *Vostok AN BSSR, Ser. khim. nauk* no. 1:11-13 '68.
- Shovkova, I. G., Gata, S. S. - Azomethines and their derivatives. Part 16: Hydrolysis of azomethines with acid and homocyclic azomethines-3-oxocyclohexyl acids. *Zhur. org. khim.* 4 no. 11:1999-2001 N '68.
- Shovkova, I. G., Shovkova, V. M. - Interaction of γ -nitrophenyl of benzoyl-1,1-arginine with 1,2,4-triazole. *Khim. prirod. soed.* 3 no. 1:55-56 '67.
- Shovkova, A., Lamer, O. V., Molder, I. - Comparison of monophenols part of the phenols of some azides. *Trudy IREK* no. 10:37-38 '68.
- Turkmenov, M. V., and others. - New method of synthesis of benzene and alkylphenylamines. *Izv. AN BSSR, Ser. khim.* no. 12:2746-2748 D '68.
- Temkina, V. I., and others. - Complexing properties of ethylenediamine-N, N-di(hydroxyphenyl)-N, N-diacid. *Zhur. ob. khim.* 38 no. 12:2749-2750 D '68.

- 180

543.4 (Continued)

- Gabbarov, L. A., Shalabov, A. A. - Correlation of changes of the lattice constant and electroconductivity of lithium borate single crystals under X-radiation. *Fiz. tver. tela* 10 no. 4:1285-1285 Ap '88.
- Grygisho, I. U. S., and others. - Quadrupole splitting of ^{109}Ag Mössbauer level in iodine chloride. *Fiz. tver. tela* 10 no. 12:3704-3706 D '88.
- Ishchenko, I. A. A. - Dynamics of simple lattices with two-dimensional defects. *Fiz. tver. tela* 10 no. 4:681-673 Ap '88.
- Kanashvili, V. G., Pokrovskii, V. L. - Effect of the acoustic wave on optical properties of crystals. *Fiz. tver. tela* 10 no. 12:3678-3683 D '88.
- Kaplanovskii, A. A., Medvedev, V. M., Gavrilov, O. D. - Effect of the electric field on phonon-free lines and point symmetry of some electron color centers in NaF . *Fiz. tver. tela* 10 no. 12:3742-3744 D '88.
- Kristianov, M. B., Nestorov, V. S. - F-centers in the B10 enriched hexagonal boron nitride. *Fiz. tver. tela* 10 no. 4:1229-1231 Ap '88.
- Kocher, T. I. - Properties of diamond-type crystals in nonquasiplanar directions. *Fiz. tver. tela* 10 no. 12:3742-3744 D '88.
- Melner, L. B., Sholin, A. S. - Quadratic electrooptical effect in strontium titanate single crystals. *Fiz. tver. tela* 10 no. 4:1283-1283 Ap '88.
- Perlovskii, V. I., Ryshkov, I. V. - Energy spectrum of boron in silicon carbide. *Fiz. tver. tela* 10 no. 12:3742-3744 D '88.
- Politsky, L. M. - Effect of hydrostatic pressure on the behavior of microdefects in ionic crystals. *Fiz. tver. tela* 10 no. 4:1041-1047 Ap '88.
- Potkin, V. P. - Interaction of magnetic solitons in spinel (ferro) garnets. *Fiz. tver. tela* 10 no. 12:3678-3683 D '88.
- Pozharov, B. A., Kabanov, A. I. - Characteristics of the structure of the H_2PO_4 . *Fiz. tver. tela* 10 no. 12:3704-3706 D '88.
- Trubnikov, A. I., Bol'shakov, D. M. - Relaxation of stresses in anisotropic single crystals. *Fiz. tver. tela* 10 no. 4:1283-1283 Ap '88.
- Ushakov, M. I. - Spin waves and local spin states in crystals with two-dimensional (phase) defects. *Vest. Mosk. univ. Ser. 3: Fiz., astron.* 23 no. 6:3-8 M-D '88.
- Sholin, L. A., and others. - Trivalent rare earths in various silicate single crystals. Spin-lattice relaxation of trigonal D_{3h} -centers and octahedral Fe^{3+} -centers. *Fiz. tver. tela* 10 no. 4:1041-1047 Ap '88.
- Vladimirov, V. I., Kabanov, A. I. - Interaction of the edge dislocation with inclusion boundary. *Fiz. tver. tela* 10 no. 12:3678-3683 D '88.

549 MINERALOGY

- Beashevili, E. M. - Separation of kerogen fraction of petroleum on molecular sieves NaX and CaX . *Soob. AN Gruz. SSR* 50 no. 3:348-350 My '88.
- Kravchenko, M. P., Pashkevich-Kolada, L. V., Prokopenko, A. A. - Study of the properties of calcium forms of chromite-containing solid solutions. *Vest. AN BSSR Ser. Khim. nat.* no. 4:8-10 '88.
- Krasnov, V. S., Pirogov, B. I. - Correlation between the stability of iron oxides and their crystal structure. *Geog. ned.* 18 no. 1:13-18 '88.
- Lavina, S. A., and others. - Properties of iron-substituted forms of the type Y zeolites. *Vest. AN BSSR Ser. Khim. nat.* no. 4:11-16 '88.
- Oshchepkova, F. D., Tretyakova, V. I., Parikhovskaya, V. V. - Absorption of ammonia by amorphous silica. *Khim. prom. Ukr.* no. 4:13-14 M-D '88.
- Politsky, L. M., Kabanov, A. I., Mikradetskaya, A. I. - Stability of dimeric minerals in the conditions of capillary flow. *Uzb. khim. shk.* 10 no. 2:10-10 '88.
- Rastvorov, K. V. - Study of the formation conditions of - sulfate aluminosilicate cement. *Vysok. LPI* no. 10:187-188 '88.
- Sapozhnikov, L. I., and others. - Effect of hardening conditions on microstructure of aluminosilicate cement. *Vysok. LPI* no. 10:187-188 '88.
- Sholin, L. A. - Petrographic significance of the polymorphism of MgSiO_3 and mineralogical aspects of pyroxene associated with them. *Izv. AN BSSR Ser. geol.* no. 1:11-26 '88.
- Sokolova, L. P., Borisev, S. V., Belov, M. V. - Crystallographic structure of novite $\text{Mg}_2\text{Si}_2\text{O}_7$ (for Ca^{2+} and Mg^{2+}). *Dokl. AN BSSR* 123 no. 3:433-434 '88.
- Tretyakova, F. D., Kabanov, A. A. - Synthesis of double strontium-lanthanum aluminates. *Uzb. khim. shk.* 12 no. 4:12-18 '88.
- Vladimirov, V. I., Skripak, V. M. - Thermal conductivity of ferrite-spinels and their solid solutions. *Izv. AN BSSR Ser. geol. ned.* 4 no. 1:186-186 M '88.

549(183.34)—European rivers

- Ozerovskii, B. M. - Accumulation of heavy minerals on the fluvial floor of the Vytka River. *Uch. zap. Perm. gos. un.* no. 77:27-34 '87.

549(171.84)—Kirov Province

- Ozerovskii, B. M. - Size of heavy minerals of Holocene alluvium in the lower Vyatka Valley. *Uch. zap. Perm. gos. un.* no. 77:35-34 '87.

549(171.83)—Krasnodar Territory

- Labovskiy, V. M. - Some characteristics of the weakening of microclastic crystals in deposits paragenetically connected with subvolcanism. *Trudy KPF VNI* no. 71:306-308 '85.

549(170.22)—Georgian S. S. R.

- Dzhandzhigava, M. I. - Minerals of selenium and tellurium in sulfide ores of Georgia. *Soob. AN Gruz. SSR* 51 no. 3:637-640 S '88.
- Makaladze, K. K., Minskh, K. V. - High-dispersion minerals of loesslike sediments in eastern Georgia. *Soob. AN Gruz. SSR* 51 no. 3:633-635 S '88.

549(171.58)—Chukotka Province

- Bakharova, M. S. - Mineralogy of gold of the Baranov deposit (eastern Transbaikalia). *Izv. AN BSSR Ser. geol.* no. 11:71-88 '88.

549(171.85)—Kamchatka Province

- Shiba, M. L. - Gold in rocks of central Kamchatka. *Izv. AN BSSR Ser. geol.* no. 11:68-78 '88.

55 GEOLOGY AND COLLATERAL SCIENCES. METEOROLOGY

550 Geophysics. Colloidal solutions

- Alferovskii, A. A., and others. - Mechanical oscillator for pulse-time modulation of an electron probe. *Geofiz. app.* no. 37:151-152 '88.
- Artamonov, V. P. - Designing clamping devices for boreholes. *Geofiz. app.* no. 37:153-153 '88.
- Artyukhin, V. A., Ivanovskiy, G. A. - Probes for geoelectric gamma-gamma logging along with monitoring gamma. *Geofiz. app.* no. 37:150-151 '88.
- Kirpichnikov, S. P. - Experimental use of the magnetometers M-17, M-18, and M-23 in mountainous taiga regions. *Geofiz. app.* no. 37:152-153 '88.
- Mikhailov, V. I. - Range of fields and their components as measured with a proton magnetometer. *Geofiz. app.* no. 37:153-153 '88.
- Mikhailovskii, V. I. - Control circuit for a neutron tube for operations with a one-strand cable. *Geofiz. app.* no. 37:153-153 '88.
- Mosarov, S. S. - Pulse-height amplifier. *Geofiz. app.* no. 37:153 '88.
- Sartakov, L. K. - Design of a logging probe mounted on boring pipes. *Geofiz. app.* no. 37:150-152 '88.
- Sartakov, L. K., Benda, I. A. - Apparatus for studying the transmission of electric signals along pipes. *Geofiz. app.* no. 37:150-152 '88.
- Svetov, B. S. - Design of a low-frequency generator frame without core. *Geofiz. app.* no. 37:151-151 '88.
- Tolstobrov, V. D. - Modification of the circuit of the RK logging unit. *Geofiz. app.* no. 37:152 '88.
- The V-637A proton magnetometer. *Geofiz. app.* no. 37:151 '88.
- Vokobok, V. B. - Multichannel photographing of walls of inclined wells. *Geofiz. app.* no. 37:153-153 '88.
- Kalashnikov, V. I. - Unit for automatic calibration of gamma-logging apparatus. *Geofiz. app.* no. 37:152-152 '88.

550.2 Geostrophology

- Kirpichnikov, S. P. - Relation of magnetic activity in high latitudes to the geomagnetic fluxes of the earth's magnetosphere. *Probl. Arkt. i Antark.* no. 28:62-63 '88.

550.3 Geophysics

- Petrov, M. S. - All-planetary representation of geomagnetic disturbances of cosmic solar origin. *Izv. AN BSSR Ser. geol. ned.* no. 1:13-18 '88.
- Oshchepkova, F. D. - Origin and development of the earth's crust and the role of radioactivity in these processes. *Geofiz. app.* no. 37:153-153 '88.
- I. A. Balashovskiy obituary. *Geofiz. app.* no. 37:153-153 '88.
- Kana, H. I. - Connection between the heat flow and physical processes. *Geofiz. app.* no. 37:153-153 '88.
- Mikhailov, K. R., Ignatova, M. B. - Correlation of geomagnetic disturbances with phenomena on the sun. *Izv. AN BSSR Ser. geol. ned.* no. 1:13-18 '88.
- Sokolovskaya, T. V. - Results of investigation by the refraction-correlation method on the structure of the Dobry-Dobry Depression along the Ilmeny-Sheremetyev profile. *Geofiz. app.* no. 37:153-153 '88.
- Sokolov, V. B. - Nature of seismic interfaces within the earth's crust. *Geofiz. app.* no. 37:153-153 '88.

550.3(183)—Arctic Ocean

- Galka, R. M. - Variations of the geomagnetic field in the region of drift of the "Beverly Polyn-13" station in 1985-86. *Probl. Arkt. i Antark.* no. 28:140-147 '88.

550.3(171)—Polar regions

- Zhigalov, L. B. - Relation of magnetic activity in high latitudes to the geomagnetic fluxes of the earth's magnetosphere. *Probl. Arkt. i Antark.* no. 28:62-63 '88.

550.3(183)—Arctic and North Polar regions

- Dzhandzhigava, M. I. - Lithological distribution of baroclinic absorption based on observational data in the Arctic during the 1987. *Probl. Arkt. i Antark.* no. 28:73-81 '88.

550.3(171)—Antarctica. South Polar regions

- By radio from the Antarctic. *Izv. AN BSSR Ser. geol. ned.* no. 1:13-18 '88.

550.34 Seismology

- Ovaladze, T. L. - Analysis of the fundamental ratio determining the height of the wave formed in water reservoirs in the case of vertical shifting of part of their bottom resulting from tectonic earthquakes. *Soob. AN Gruz. SSR* 51 no. 3:645-650 S '88.
- Khatavik, M. I., Naxolova, K. A., Lomonosov, V. S. - Use of transverse waves in studying the earth crust. *Dokl. AN BSSR* 123 no. 3:239-239 '88.
- Lashuk, V. A. - Using the method of controlled directional reception of seismic waves for the investigation of the deep crustal structure. *Geofiz. app.* no. 37:153-153 '88.
- Lomonosov, V. S. - Intensity of secondary multiple reflected waves in laminated media. Part 1. *Geofiz. app.* no. 37:153-153 '88.
- Lomonosov, V. S. - Use of synthetic seismograms in studying the feasibility of spectral selective attenuation of multiply reflected waves. *Geofiz. app.* no. 37:153-153 '88.
- Petrovich, G. L. - Method for determining the velocity of elastic waves in a section with the aid of acoustical logging. *Geofiz. app.* no. 37:153-153 '88.
- Popov, I. I. - Differential approach to estimate group velocities of surface seismic waves in zones of intersection of longwave paths. *Geofiz. app.* no. 37:153-153 '88.
- Sokolov, V. B., Kalashnikov, L. Y., Chelomov, A. B. - Deep crustal structure in the region of the Krasnodar pluton, according to seismic data. *Geofiz. app.* no. 37:153-153 '88.

550.34(171)—Ukrainian S. S. R.

- Kharitonov, O. M. - On the two types of wave multiplicity in the Kriviy Rih Depression. *Geofiz. app.* no. 37:153-153 '88.

550.34(171)—Kazakh S. S. R.

- Antonov, A. M., Dubrovskiy, G. K. - Crustal cross section in northern Kazakhstan: based on data on deep seismic sounding. *Sov. geol.* 11 no. 11:127-132 N '88.
- Dzhanov, A. I. - Crustal structure in the region of the Mangyshlak Peninsula. *Sov. geol.* 11 no. 11:127-132 N '88.

550.34(171)—Antarctica. South Polar regions

- Kogan, A. L. - Seismological relief and some geological characteristics of underlying rocks along the route Molodetskiy-pole of relative incompressibility. *Izv. AN BSSR Ser. geol. ned.* no. 1:13-18 '88.

550.4 Geochemistry

- Barabashov, V. V. - Genesis of hydrothermal veins and the problem of the source of mineral substance in veins. *Vest. LDU* 23 no. 3:45-48 D '88.
- Wardlaw, G. K., Shik, E. I. - Geochemistry of alkaline metals in formation waters of oil fields. *Amer. khim. shk.* no. 3:4-07 '88.
- Koptsov, V. M., Chervinskii, V. V. - Uranium ores containing radon and thorium. *Dokl. AN BSSR* 123 no. 3:430-430 '88.
- Sokolov, S. I. - Geochemical history of interstitial waters of sea gorges. *Sov. geol.* 11 no. 11:127-132 N '88.

550.4(181)—Atlantic Ocean

- Mikhailov, V. I., Romanov, V. I. - Distribution of the element series in bottom sediments of the Pacific and Atlantic Oceans. *Khimiya, inform. Mor. gidrofiz. inst. AN USSR* no. 9:203-208 '87.

550.4(181)—Pacific Ocean

- Mikhailov, V. I., Romanov, V. I. - Distribution of the element series in bottom sediments of the Pacific and Atlantic Oceans. *Khimiya, inform. Mor. gidrofiz. inst. AN USSR* no. 9:203-208 '87.

550.4(171.83)—Krasnodar Territory

- Shpak, S. A. - Hydrogeology of Paleogene sediments in central and western Ciscaucasia. *Trudy KPF VNI* no. 71:306-308 '85.

550.4(171)—White Russian S. S. R.

- Kalashnikov, M. P., Gerasimov, L. A., Gerasimov, V. M. - Salinity and the composition of interstitial waters of Devonian clay-sandy rocks in the region of the Starobin potassium salt deposit. *Dokl. AN BSSR* 123 no. 3:433-433 '88.

550.4(171)—Ukrainian S. S. R.

- Belikov, V. V. - Chemical composition of diatomites of the Ukraine. *Dokl. AN BSSR* 123 no. 3:443-444 '88.

550.4(171)—Kazakh S. S. R.

- Kudakov, E. V., Gerasimov, L. D., Krasnov, A. V. - Physicochemical properties and mineralogical content of the more widely distributed soil-forming rocks in northern Kazakhstan. *Dokl. TWKHA* no. 13:47-54 '88.
- Mikhailov, A. S. - Characteristics of the redistribution of impurity elements in granitoids of the Chelyar' region. *Sov. geol.* 11 no. 11:127-132 N '88.

550.4(171.4)—Turkmen S. S. R.

- Labovskiy, V. M., Vichina, I. B. - Characteristics of the chemical composition and ore potential of thermal springs in the Chalk deposits. *Dokl. AN BSSR* 123 no. 3:430-441 '88.

551.43 (794.1)—Kazakhstan S.S.R.

Vishnitskaya, D. V., Al'parovich, N. V. - History of the formation of the Sharyn-Kura Valley (central Kazakhstan). *Vest. LGU* 23 no. 24:151-152 p 1968.

551.44 Caves. Underground rivers, lakes, etc. Karst topography.

Kasharov, M. M. - Karst caves and stability of transportation structures. *Transp. str.* 10 no. 3:23-27 p 1968.

551.44 (794.1)—Cuba

Jirassak, A. - Masses in the caves of Cuba. *Archeologia*. *Prirada* no. 1:61-62 1968.

551.46 Flats, pebbles, shingles, etc. Desert

551.46 (794.1)—European rivers

Alaiskovich, L. N., Frankovich, M. A. - Meadows of the Chervonaya Dnipro in the Northern Dnieper. Part II: Natural conditions. *Vest. LGU* 23 no. 24: 156-158 p 1968.

551.46 Oceanography. Submarine topography

Andreeva, I. B. - Acoustical methods for registering the characteristics of small-scale features of the ocean bottom and biological accumulations in oceans. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:108-113 1968.

Andreeva, V. L., and others. - Equipment for the input of hydrophysical data into electronic digital computers from an acoustical measuring complex. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Andreev, A. I., Syrakhi, V. M., Shermazan, V. P. - Study of the relation of the dynamics of sound dispersing layers to bathymetry. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:102-104 1968.

Belashkii, L. L. - Scientific results of M. M. Romanov. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Barinov, O. V., Bilner, M. V., Orlovskaya, E. G. - Accumulation of mineral nutrients in the ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:101-103 1968.

Barinov, V. S. - Design of magnetic storage units and equipment for transmitting hydrophysical data. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Belashkii, V. L., and others. - Data processing by an automated system for oceanographic studies. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Belashkii, V. L., Kabanov, A. G., Malapo, B. A. - Construction of a radioactivity concentration chart for the Atlantic Ocean using an objective analysis technique. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Belashkii, M. V., and others. - Determination of the content and origin of artificial radionuclides in the atmosphere. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:101-103 1968.

Bogdanov, D. V. - Tropical waters of the world ocean. *Prirada* no. 11:65-67 1968.

Bezugly, V. M., Kishchenko, V. V. - Automated processing of data transmitted through wire communication channels. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Dobrovol'ski, S. V., and others. - Preliminary results of statistical studies of temperature nonuniformities in a sea. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

DeKov, L. A., and others. - Determination of the parameters of sea water by its impedance. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:109-111 1968.

DeKov, L. A., Kravtchenko, L. M., Fedorov, A. V. - Determination of the parameters of sea water using optical sensors. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:108-110 1968.

El'mov, V. V., El'mov, A. A., Kharitonov, G. H. - Study of the small-scale structure of the atmosphere and ocean by the help of a semi-automated gradient radiometer. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:105-107 1968.

El'mov, V. V. - Use of the least-squares method for the solution of the problem of the determination of currents in a heterogeneous ocean. *Meteor. i gidrol.* no. 5:63-69 1968.

El'mov, D. M., Shalimov, M. Z. - Technological system for machine processing of deep water hydrological data. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

El'mov, M. L., and others. - Infrared frequency action transducers for oceanographic research. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Orlovskaya, L. L., Orlovskaya, M. G., Dneprovskii, L. V. - Distribution of Be¹⁰ in the atmosphere over the ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Orlovskaya, E. G., and others. - Observations on the distribution of artificial radionuclides over the ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Kabanov, A. G., and others. - Principles of the construction of autonomous measuring sets for studying ocean turbidity. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:108-110 1968.

Kabanov, A. G. - Automated system of gathering, transmission, and processing of information on ocean physical fields. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-109 1968.

Kogutskii, A. A., Fedorov, G. F. - Devices for statistical analysis of random processes. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Krylov, A. A. - Radioactivity of bottom sediments based on expedition data. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Lavrovskii, A. M. - Hydrological grounds for the variability of levels according to distribution curves. *Trudy SSSR, Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Man'kovskii, V. I., Romanov, V. I., Sorokina, M. A. - Determination of suspension in the sea based on the values of the index of light attenuation by the water. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Mel'nik V. I. - Bottom sediments of deepwater depressions. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Morozov, V. I., and others. - Use of nuclear physics equipment in the solution of problems connected with prospecting for minerals in the coastal shelf regions. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Morozov, V. I., Pal'mov, S. S., Fedorovskii, I. D. P. - Some special features in measuring small levels of contamination in sea water. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Malapo, B. A., Vinogradov, K. G., Kabanov, P. A. - Use of the sequential analysis method in direct measurements of the radioactivity of oceans. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Malashin, G. G. - Automation of oceanographic hydro-optical studies. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Mikhlin, V. M. - Data processing system on the research vessel "Mikhail Lomonosov". *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Morozov, A. A., Romanov, A. S., Romanovskii, M. M. - Study of biochemical processes in samples of seawater. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Parfenov, A. N., Oskil, V. A. - Problems of the reliability of hydrophysical apparatus. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Pytkin, I. G., Pivovarov, A. A., Kharitonov, G. G. - Measuring system for autonomous registration of the direction and distribution of the speeds of ocean bottom currents. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:105-107 1968.

Rafay, R. K., Shcherbakov, O. P., Shcherbakov, M. M. - Use of an exponential pulse-time converter for in a system of remote control. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:105-107 1968.

Romanov, A. S., Romanov, A. A. - Spectrophotometric determination of nitrate nitrogen in seawater. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Roberts, L. L. - Temperature transducers with semi-conductor heat sensitive elements. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Rodakov, V. M., Lashin, V. S. - Radiolucidity of bodies with unlimited size and its use in the study of glaciers and ice covers of seas and oceans. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Savva, V. D. - Self-organizing cybernetic systems and problems of cybernetics. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Shalimov, S. L. - Geological history of interstitial waters of sea grounds. *Sov. geol.* II no. 11:66-111 1968.

Tat'yana, F. K., Khalilov, L. V. - Data like systems for centralized collection and representation of multiple information used in studying large spaces. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:108-110 1968.

Tat'yana, F. K., Kharitonov, A. V., Tsvetkov, K. P. - "Cybernetics", an effective system for collecting, transmitting, and representing ocean information. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Tsvetkov, A. D., and others. - Natural experiments on the interaction of the ocean and atmosphere. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Troika, V. A. - Present state of the automation of oceanographic gravimetric studies. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:108-110 1968.

Vasil'ev, S. R. - Features of a method for measuring the input impedance of an antenna used in ice detection. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:105-107 1968.

Vodovoz, V. L. - Recording the structure of the ocean bottom. *Al'met. shir.* 14 no. 4:60-61 1968.

Zhidkov, V. G., Parashchik, L. G. - Some results of observations on currents during the 18th voyage. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

Kabanov, S. V. - Automatic control of temperature transducers. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

551.46 (794.1)—Atlantic Ocean

Andreev, A. I., Sushagina, P. G., Syrakhi, V. M. - Structure of the water of the Canary Deep in the Caribbean Sea. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Barinov, O. V., Romanov, V. I. - Content of strontium in the plankton of the Pacific and Atlantic Oceans. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Belashkii, M. - Planktonic Foraminifera in the sediments of the Atlantic Ocean. *Dokl. AN URSS* 233 no. 2:446-448 1968.

Bogoslavskii, S. G., Lashin, G. R. - Study of the Pacific and Atlantic Oceans by the expedition during the 20th voyage of the research vessel "Mikhail Lomonosov". *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

551.46 (794.1)—North Atlantic Ocean

Lashin, G. R. - Periodic oscillations in the Gulf Stream system. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:104-106 1968.

551.46 (794.1)—Caspian Sea

Kalinin, G. P., Molodtsov, K. I., Shcherbakov, M. I. - Water balance calculations of future levels of the Caspian Sea. *Meteor. i gidrol.* no. 5:64-70 1968.

551.46 (794.1)—Pacific Ocean

Andreev, A. I., Syrakhi, V. M. - Some data on the relief of the Toga and Kermadec Deep. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:107-110 1968.

Barinov, O. V., Romanov, V. I. - Content of strontium in the plankton of the Pacific and Atlantic Oceans. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Bogoslavskii, S. G., Lashin, G. R. - Study of the Pacific and Atlantic Oceans by the expedition during the 20th voyage of the research vessel "Mikhail Lomonosov". *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Bogoslavskii, S. G., Shalov, A. P. - Effect of solar radiation on the temperature field in the water of the Pacific Ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Kabanov, A. M. - Distribution of neoplankton in the waters of Tasmann Archipelago. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Man'kovskii, V. I., Sorokina, M. A. - Some results of hydro-optical studies in the Pacific Ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Ryabkov, I. G., Bogoslavskii, S. G., Molodtsov, K. I. - Vertical exchange in the Kermadec Trough region. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

Shalov, A. P., Bogoslavskii, S. G. - Characterization of the temperature field of the surface in the tropical part of the Pacific Ocean. *Khimp.-inform. Mor. gidrofiz. inst. AN URSS* no. 2:103-105 1968.

551.46 (794.1)—Arctic Ocean

Belashkii, L. M. - Role of currents in the formation of the ice layer in waters of the Pacific Ocean in the eastern part of the Arctic basin. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Doroshin, I. P. - Elimination of Arctic ice. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Shcherbakov, V. A. - Radiation balance of the Arctic Sea as an index of the hydrometeorological regime. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Shcherbakov, A. O., and others. - Characteristics of the temperature and salt potential of surface waters in the Arctic basin. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

Shcherbakov, A. O., Shalov, V. I., Al'mov, V. S. - Ice conditions and marine transportation in the American Arctic during the navigation of 1964. *Probl. Arkt. i Antark.* no. 2:115-116 1968.

551.46 Surface waters

Adams, R. W., Owsen, K. M. - Automatic system for a chemical layer over reservoir system to regulate evaporation rate. *Trudy ArmNIIVPO* 1:224-226 1967.

Adams, R. W., and others. - Viscosity measurements on his 60th birthday. *Izv. AN SSSR, Ser. geol.* no. 3:130-131 1968.

Kozlov, V. M. - Individuality of natural waters. *Zhurnal teoret. i eksper. fiz.* no. 4:134-135 1967.

Lashin, G. R. - Experiments in using thermocouples in order to reduce evaporation from water bodies. *Trudy ArmNIIVPO* 1:224-226 1967.

Owsen, K. M., Barsagles, T. B. - Digital control of water fluctuations of water level. *Trudy ArmNIIVPO* 1:224-226 1967.

Saritskii, E. P. - Representation of the water regime of rivers on topographic maps of the U.S.S.R. *Vopr. fiz. Khim. i Ser. geol. i biol.* no. 1:123-124 1967.

Zakharov, I. A. - Effect of changes in the yearly amount of atmospheric precipitation on the production of display in peat bogs. *Trudy Vsesoyuzn. nauch. tsentra* no. 7:434-435 1967.

551.46 (794.1)—Mountains of Europe

Chernogor, G. M. - Methods for studying the water balance of mountain regions based on the example of the Alps. *Izv. AN SSSR, Ser. geol.* no. 3:130-131 1968.

551.46 (794.1)—Lithuania S.S.R.

Barnas, J., Gailis, B., Oskil, K. - Quantitative evaluation of the effect of local factors on the calculated interannual distribution of streamflow. *Trudy AN Lit. SSR, Ser. B* no. 2:163-170 1968.

Dubars, R., Lashin, G. R. - Hydrochemical characteristics of the reservoirs of the Lithuanian S.S.R. Part II: Carbonate-sulfate equilibrium in the water of the rivers of the Neris basin. *Trudy AN Lit. SSR, Ser. B* no. 2:167-171 1968.

Dubars, R., Lashin, G. R. - Hydrochemical characteristics of the reservoirs of the Lithuanian S.S.R. Part I: Regime of main ions of the water of rivers of the Neris basin. *Trudy AN Lit. SSR, Ser. B* no. 2:163-166 1968.

551.46 (794.1)—Ukraine S.S.R.

Postolov, S. P. - Minimum streamflow of the vegetation period of the Ukrainian Polissya. *Vopr. fiz. Khim. i Ser. geol. i biol.* no. 3:129-130 1967.

551.46 (794.1)—Armenia S.S.R.

Davies, M. A. - Fluctuations in the yearly runoff of Geghamskii mountain rivers. *Trudy ArmNIIVPO* 1:224-226 1967.

551.48 (472.25) (Continued)

Nikogolov, G. Y. - Heat balance of Ararat Lake during the summer periods in 1963-1964. *Trudy ArmNIIVPG* 1:232-233 '67.
Zhanggorian, V. M. - Determining reduced evaporation rate from Ararat Lake due to the application of a monomolecular layer. *Trudy ArmNIIVPG* 1:276-283 '67.

551.49 Underground waters

Andreeva, N. I., and others. - Purification of underground waters for the flooding of oil beds. *Izv. vyz. univ. kaz. univ. ser. II* no. 10:84, 80 '68.
Bakskaya, V. D. - Problems in studying changes in the earth's crust under the effect of intensive removal of water and the lowering level of deep water. *Zem. kurn. i detal. chetov.* no. 4:20-23 '67.
Dra, M. L. - Measuring the flow of underground waters by the method of diluting a radioactive indicator in a single borehole. *Byv. i ch. n. d. ser. 34* no. 12:48-43 D '68.
Isaev, P. P. - Underground waters as creators of petroleum and gas pools. *Prir. d. no. 12* 87-88 '68.
Kunda, V. K. - Reliability of natural waters. *Zem. kurn. i detal. chetov.* no. 4:24-28 '67.
Leykovich, A. M. - Hydrological grounds for the variability of levels according to distribution curves. *Trudy Sotm. i d. n. i. d. no. 20:60-67 '68.*
Shimakovskii, L. A. - Secondary processes in the formation of alluvium caused by the activity of underground waters. *Uch. zap. Kazan. gos. un. ser. II* no. 80:80-81 '67.
Shkolnikova, T. M. - Shallow and hygienic characteristics of waste waters from ore dressing plants of nonferrous metallurgy in Kazakhstan, and their effect on underground waters and water bodies. *Trudy Alma-Ata. gos. univ. ser. II* no. 13:60-64 '68.
Sodak, A. H., Koshch, P. I. - Characteristics of the hydrological process under irrigation conditions. *Vysok. Kyr. un. ser. II* no. 8:87-83 '67.
Viktorov, S. V. - Landforms as a basis for studying man's habitation media from the viewpoint of hydrology and engineering geology. *Zem. kurn. i detal. chetov.* no. 4:40-45 '67.

551.49(471.68)—Krasnodar Territory

Krasnodar, V. G. - Basic features of Jurassic water-driven complex in the Eastern Kuban Trough and the Adygga branch. *Trudy KPF VNI* no. 17:114-120 '68.
Popovskii, D. I. - Paleogeography of Lower Cretaceous sediments in western Caucasus. *Trudy KPF VNI* no. 17:121-123 '68.
Sapik, S. A. - Hydrogeology of Paleocene sediments in central and western Caucasus. *Trudy KPF VNI* no. 17:124-126 '68.

551.49(476)—White Russian S. S. R.

Krasnitskaya, M. P., Gornitskaya, L. A., Gromova, V. M. - Saltiness and the composition of interstitial waters of Devonian clay-sandy rocks in the region of the Starobina potash salt deposit. *Dokl. AN SSSR* 183 no. 2:428-430 '68.

551.48(477)—Ukrainian S. S. R.

Rakovskiy, I. I., Pelenkin, V. I. - Conditions governing the formation of the chemical composition of underground waters of Budak-Kanov sediments in the southeastern part of the Dnieper-Donets Depression. *Vysok. Kyr. un. ser. II* no. 8:143-148 '67.
Rakovskiy, V. A. - Underground waters in the steppe zone of the Ukrainian S. S. R. *Vysok. Kyr. un. ser. II* no. 8:149-154 '67.
Rakovskiy, V. A., Pelenkin, V. I., Drobnich, M. I. - Utilization possibilities of underground waters of marl-clay sediments of the Northern Donets-Oskol interfluvium. *Vysok. Kyr. un. ser. II* no. 8:155-160 '67.
Zharov, I. K., Dobrynskiy, I. I. - Permian aquifer of the Kiev region. *Vysok. Kyr. un. ser. II* no. 8:161-167 '67.

551.48(477.6)—Donets Basin

Sabuk, M. L. - Desaturation in the waters of the Dnieper-Donets oil- and gas-bearing basin and problems of the water exchange in deep horizons. *Sov. geol.* II no. 11:143-146 '68.

551.48(472.25)—Armenian S. S. R.

Shkharbin, Sh. A. - Underground runoff of Gogamsky Massif. *Trudy ArmNIIVPG* 1:313-321 '67.

551.5 Meteorology. Climatology

Avetis, G. A., and others. - Boris L'vovich Dzerzhavskiy on his 70th birthday. *Izv. AN SSSR Ser. geog.* no. 6:124-127 8-0 '68.
Kudinov, I. A., Poberovskiy, A. V. - Aerostatic anemometer with diffraction grating for the 0.25-0.45 m band. *Probl. fiz. atm.* no. 6:91-98 '68.
Berthel, T. G. - Interannual variability of solar radiation in the Northern Hemisphere. *Trudy GGO* no. 233:2-10 '68.
Shmer, M. V., and others. - Determination of the content and origin of artificial radionuclides in the atmosphere. *Byv. i ch. n. d. ser. 34* no. 12:48-43 D '68.
Bogdanova, E. G. - Evaluation of the reliability characteristics of meteorological data of solid precipitation due to wind. *Trudy GGO* no. 233:114-124 '68.
Bogdanova, E. G. - Taking into account wind errors of precipitation measurements in the calculation of their mean annual values (normal). *Trudy GGO* no. 233:125-126 '68.
Boris L'vovich Dzerzhavskiy on his 70th birthday. *Meteor. i gidrol.* no. 9:113-114 '68.
Bershteyn, L. I. - Possible causes for the decrease of direct solar radiation. *Trudy GGO* no. 233:134-144 '68.

Bogdanov, A. - Satellite meteorology today and tomorrow. *Av. i kosm. no. 13:51-53 D '68.*

Chaplygin, A. S. - Circulation regime of the atmosphere and its relation to the anomalies of the mean monthly air temperature. *Meteor. i gidrol.* no. 13:7-18 '68.
Chaplygin, A. S. - Recurrence and the order of the succession of elementary circulation mechanisms in the winter season. *Meteor. i gidrol.* no. 13:19-30 '68.
Chaplygin, A. S. - Winter circulation and meteorological conditions in the Far East for two epochs. *Meteor. i gidrol.* no. 13:31-38 '68.
Densin, A. P. - Meteorological conditions of the vegetative period and yield of hemp. *Byv. i ch. n. d. ser. 34* no. 12:48-43 D '68.
Doroshenko, A. M. - Calculation of the duration of the snow-melting period for purposes of agrometeorological forecasting of the disappearance time of snow cover. *Meteor. i gidrol.* no. 9:88-92 '68.
Dunskaya, A. M., Glazov, M. P. - Measuring soil moisture using the cadmium ratio of neutrons. *Meteor. i gidrol.* no. 9:93-94 '68.
Dobrov, L. V. - Experimental determination of evaporation from the pan for measuring precipitation and rain. *Trudy GGO* no. 233:54-58 '68.
Doroshenko, M. D. - Changeability of hourly and diurnal sums of radiation balance. *Trudy GGO* no. 233:71-73 '68.

Doroshenko, M. D. - Relation of radiation balance to air temperature. *Trudy GGO* no. 233:118-123 '68.
Doroshenko, B. L. - Fluctuations of climate and the problem of atmospheric range forecasting. *Izv. AN SSSR Ser. geog.* no. 6:143-145 8-0 '68.

Etkovskiy, M. A. - Characteristics of the formation of phytoclimate of agricultural crops. *Trudy GGO* no. 233:127-136 '68.

Fedorova, K. A., Ivanova, M. A. - Methodology of calculating the averages for a certain territory of corrections to precipitation norms. *Trudy GGO* no. 233:137-140 '68.
Gagay, V. P. - Characterization of daily variations of radiation balance in different climatic zones of the earth. *Trudy GGO* no. 233:141-142 '68.

Gagay, V. P. - Methodology of the indirect determination of hourly values of radiation balance. *Trudy GGO* no. 233:143-147 '68.

Ivanov-Kholodny, G. S., Antonov, L. A., Kazachinskaya, T. V. - Spilling oil shoot. *Prir. d. no. 12* 89-94 '68.
Krylov, L. S., and others. - Experimental methods for atmospheric aerosol research. Part I. Methods of the intake and analysis of samples. *Probl. fiz. atm.* no. 6:95-107 '68.

Krylov, L. S., Doroshenko, N. S., Gurlov, O. M. - Measuring the distribution of atmospheric aerosol in the surface layer of the atmosphere. *Probl. fiz. atm.* no. 6:108-110 '68.

Kholodny, L. V. - Practice in energy characteristics in winter atmospheric processes in the Northern Hemisphere. *Meteor. i gidrol.* no. 13:39-41 '68.

Kobak, K. I. - Carbon dioxide metabolism in agricultural crops. *Trudy GGO* no. 233:143-148 '68.

Kolmogorov, M. M. - Usability of surface-active substances for cumulus cloud modification. *Probl. fiz. atm.* no. 6:108-110 '68.

Kondratyev, K. I. A., and others. - Meteorological studies on the lunar surface. *Probl. fiz. atm.* no. 6:121-123 '68.

Konovskiy, I. U. G. - Generalized mathematical description of the threshold of the visual function of the eye and determination of the limit visibility of luminous objects. *Meteor. i gidrol.* no. 9:93-94 '68.

Konovskiy, I. U. G. - On his 70th birthday. *Meteor. i gidrol.* no. 9:114-115 '68.

Korotkiy, A. I., and others. - Effect of frosts on the final productivity of agricultural crops. *Meteor. i gidrol.* no. 9:116-117 '68.

Lopo, T. M. - Monograph for determining the characteristics of the heat-protecting properties of clothes against heat conduction. *Trudy GGO* no. 233:154-160 '68.

Makharina, A. M. - Effect of vertical currents on the evaporation rate near coastal zones. *Trudy ArmNIIVPG* 1:322-323 '67.

Makharina, T. I. - Application of the law of the normal distribution in the objective analysis of fronts on the basis of surface data. *Meteor. i gidrol.* no. 9:118-124 '68.

Makharina, G. I., Shubin, S. M., Sviridova, S. G. - Meteorological forecasting of mean ten-day values of the surface temperature using data of the earth's meteorological satellites. *Meteor. i gidrol.* no. 9:125-127 '68.

Mokhenberg, V. V. - Interannual variability of albedo and its effect on absorbed radiation. *Trudy GGO* no. 233:161-166 '68.

Mokhenberg, V. V. - Losses to evaporation from precipitation measuring devices in various climatic zones. *Trudy GGO* no. 233:167-171 '68.

Mokhenberg, V. V. - Study of the correction of the measurement of atmospheric precipitation due to its evaporation from the instrument. *Trudy GGO* no. 233:172-177 '68.

Mokhenberg, V. V., Gritsenko, M. V., Shakhmurov, T. A. - Use of dew-point temperature in calculating the index of frost burning. *Meteor. i gidrol.* no. 9:128-134 '68.

Mikhail Vasilevich Bova (1908-1968) obituary. *Meteor. i gidrol.* no. 9:135-136 '68.

Ogryz, T. A. - Correlation of the components of heat balance on the territory of the Soviet Union. *Trudy GGO* no. 233:178-187 '68.

Petrovskiy, M. A. - Use of the numerical solution of the nonlinear equation of transformation in the calculation of wind velocity profile over a water reservoir. *Trudy ArmNIIVPG* 1:343-345 '67.

Pivovarov, S. I. - Normal annual changes in the intensity of solar radiation based on observations of actinometric stations. *Trudy GGO* no. 233:187-197 '68.

Polubinskiy, A. I. - Statistical structure of the winter precipitation field. *Trudy GGO* no. 233:198-208 '68.

Polubinskiy, A. I., Timofeyev, I. U. M. - Usability of spectral transparency measurements of the atmosphere in the microwave range for the determination of moisture at high altitudes. *Probl. fiz. atm.* no. 6:128-134 '68.

Savina, S. S. - Climatic differences of extreme decades as a result of the displacement of axes of aretic invasions. *Meteor. i gidrol.* no. 13:42-49 '68.

Shakina, M. P., Vellovskiy, L. M., Kapitanova, T. P. - Mesoscale of the wind field in jet streams. *Meteor. i gidrol.* no. 9:111-113 '68.

Shever, T. S. A. - Solid, liquid, and mixed precipitation in the U. S. S. R. *Trudy GGO* no. 233:198-208 '68.

Sonchik, D. M. - Classification of types of television pictures of clouds and the earth's surface obtained from satellites of the "Meteor" experimental system. *Meteor. i gidrol.* no. 9:113-118 '68.

Strasser, L. R., and others. - Practice in the correction of precipitation norms. *Trudy GGO* no. 233:209-215 '68.

Strasser, L. R., Nechaev, I. N. - Introduction of corrections for the moistening of the walls of the water collecting vessel in the measured values of precipitation. *Trudy GGO* no. 233:216-221 '68.

Belakravskiy, G. K., Savchenko, I. A. - Simplified method for forecasting hail processes. *Meteor. i gidrol.* no. 9:129-130 '68.

Sevchenko, V. M. - Equipment of airframe laboratories for studying the atmosphere. *Geofiz. zap.* no. 27:130-131 '68.

Toroshchikova, T. I. - Vertical distribution of atmospheric sodium. *Sov. AN Ser. Ser. 34* no. 12:48-43 D '68.

Treshnikov, A. P., and others. - Minimal experiment on the interaction of the ocean and atmosphere. *Probl. Arkt. i Antark.* no. 35:8-18 '68.

Ugrumov, A. I. - Spring reconstruction of circulation in the stratosphere in 1968. *Meteor. i gidrol.* no. 9:131-132 '68.

Viktor Vasilevich Stel'shnikov (1908-1968) obituary. *Meteor. i gidrol.* no. 9:133-135 '68.

Vul'fson, M. I., Kondratyev, A. V. - Modification of cumulus clouds by artificial vertically rising jets. *Meteor. i gidrol.* no. 9:136-137 '68.

Weather characteristics in the summer of 1968. *Prir. d. no. 12* 114-118 '68.

Zaitsev, L. A. - Effect of changes in the yearly quantity of atmospheric precipitation on the precipitation of rainfall display in peat bogs. *Trudy Volog. gos. univ. ser. II* no. 7:444-448 '67.

Zabek, L. I. - Determination of total evaporation for separate years. *Trudy GGO* no. 233:199-200 '68.

Zabek, L. I. - Relation of the yield of grain crops to relative evaporation. *Trudy GGO* no. 233:201-202 '68.

551.5(51.1)—North Atlantic Ocean

Brokina, L. A. - Change in the heat content of the North Atlantic in the last 60 years. *Trudy GGO* no. 233:40-45 '68.

551.5(51.2)—Arctic Ocean

Doroshenko, M. M. - Elimination of arectic ice. *Probl. Arkt. i Antark.* no. 35:19-23 '68.

551.5(51.3)—Antarctic Ocean

Chibrikov, S. S. - Snow-water layer on the shore (see also the bibliography). *Probl. Arkt. i Antark.* no. 35:131-132 '68.

551.5(47.103)—Continental countries of the world

Gavril, L. S., Mashkovskiy, S. A. - Studies carried out in socialist countries based on the structure of meteorological fields and the improvement of a network of stations. *Meteor. i gidrol.* no. 9:107-108 '68.

551.5(47.10)—European U. S. S. R.

Dolgoshov, V. I., Savina, S. S. - Connection of meteorological phenomena with climatic fluctuations as revealed by a study made in the European part of the U. S. S. R. *Meteor. i gidrol.* no. 13:148-153 '68.

Kravchenko, K. V. - Connection of circulation types with the anomalies of mean monthly temperatures and precipitation on the European part of the U. S. S. R. *Meteor. i gidrol.* no. 13:154-155 '68.

Savina, S. S. - Comparative characteristics of the extreme periods of circulation epochs on the European part of the U. S. S. R. and in Western Siberia. *Meteor. i gidrol.* no. 13:156-159 '68.

Snitsyn, M. P. - Distribution of clouds over the Lake Ladoga. *Vest. LGU* 22 no. 24:185-188 D '68.

551.5(47.1.311)—Moscow Province

Polupova, L. S. - Connection of elementary circulation mechanisms with the regime of local weather in January in the Moscow region. *Meteor. i gidrol.* no. 13:164-167 '68.

551.5(47.1.32)—Central Black Earth regions

Vedenskaya, E. D. - Spring thaw downslope water run-off in the central Chernozem regions. *Vest. sel'khoz. nauch. iz. no. 11* 46-50 M '68.

551.5(47.4)—Baltic Republics

Kurik, P. - Climate of the free atmosphere of the southern part of the Baltic region. Part I: Position, changeability and some correlation relationships of the lower boundary of the tropopause. *Trudy AN Lit. SSR, Ser. B* no. 3:103-111 '68.

551.5(47.7)—Ukrainian S. S. R.

Kolomoys, P. I. - General characteristics of the temperature regime of the air and the duration of the heating period in the Ukraine. *Vysok. Kyr. un. ser. II* no. 8:130-134 '67.

561.8 (477) (Continued)

Kolomoys, P. I., Tschernob, K. D. - New data on the chemical composition of atmospheric precipitation in the Kiev region. *Viznyk Kyiv. un. Ser. biol. ta lek.* no. 8:88-95 '87.
 Koshcheyev, M. I. - Some problems of the theory of microclimates and the methodology of microclimate studies. *Viznyk Kyiv. un. Ser. biol. ta lek.* no. 8:84-85 '87.

561.8 (479.22)—Georgian S. S. R.

Gvashvilia, N. V. - Characteristics of the components of radiation balance during the noon hours for the health resort regions of Georgia. *Trudy GGO no. 235:183-178 '83.*
 Gvashvilia, N. V. - Characteristics of the radiation regime of health resorts of Georgia. *Trudy GGO no. 235:181-183 '83.*

561.8 (479.34)—Armenian S. S. R.

Akopian, A. S. - Determining evaporation from ground water surfaces. *Trudy ArmNIIVPG 1:83-86 '87.*
 Melnikova, A. M. - Precipitation distribution in Gegharkunik. *Trudy ArmNIIVPG 1:28-33 '87.*
 Tsvorian, M. V., Kharakia, W. K. - Short parameters and their measurements in the Armenian S. S. R. *Trudy ArmNIIVPG 1:318-328 '87.*
 Zorian, Z. A., Melnikova, A. M. - Changes in wind velocity over a mountain reservoir as observed over Araks Lake. *Trudy ArmNIIVPG 1:387-393 '87.*

561.8 (479.35)—Azerbaijan S. S. R.

Dolganova, I. I. - Effect of albedo fluctuations on the nature and conditions of the economic development of the central Ob' Valley. *Izv. AN SSSR. Ser. geog.* no. 5:48-53 5-O '82.
 Kozlov, M. K. - Causes of the change in the amount of precipitation in Eastern Siberia. *Meteor. izv.* no. 12:103-112 '82.
 Kozlov, M. K. - Fluctuations of the circulation of the atmosphere and air temperature in Eastern Siberia. *Meteor. izv.* no. 13 53-58 '82.
 Savits, S. S. - Comparative characteristics of the extreme periods of circulation epochs on the European part of the U. S. S. R. and in Western Siberia. *Meteor. izv.* no. 12:122-129 '82.

561.8 (479.50)—Yakut A. S. S. R.

Davtylova, M. K. - Heat and water of a subglacial patch in central Yakutia. *Trudy GGO no. 233 145-155 '86.*

561.8 (479.54)—Kazakh S. S. R.

Davtylova, T. I. A. - Total radiation in the high-mountain zone of the Trans-Ili Alatau. *Glaz. izv. Kazakh. un.* no. 6:123-130 '83.
 Dikova, K. S., Kozlov, I. P. - Meteorological and radiation conditions of the glacial zone of the Dzungaria Alatau. *Glaz. izv. Kazakh. un.* no. 6:88-91 '83.
 Oskarov, A. L., Sadov, A. K. - Determining the content of ozone and atmospheric transparency variations in Kailashy in May, 1988. *Probl. fis. atm.* no. 6:48-50 '88.
 Rukhovich, T. B., and others. - New data on the stratigraphy of Late Ordovician and Lower Silurian sediments of the Chirchik Mountains. *Dokl. AN SSSR* 33 no. 2:424-427 '83.

561.8 (479.56)—Aral Sea and North Polar regions

Kharov, T. M. - Evolution of the baric field in the Arctic depending on temperature and baric characteristics of the initial process. *Probl. Arkt. i Antark.* no. 18:64-78 '82.
 Marinkova, M. S., Chernogovskii, N. T. - Meteorological characteristics of the radiation regime in the Soviet Arctic. *Probl. Arkt. i Antark.* no. 28:44-57 '82.

561.8 (479.58)—Antarctica. South Polar regions

By radio from the Antarctic. *Inform. biol. Sov. antark. eksp.* no. 70:81-88 '86.
 Drakalskiy, V. M. - Twilight effect of absorption of the solar-ray absorption type based on observations in the Antarctic. *Inform. biol. Sov. antark. eksp.* no. 70:83-84 '86.
 Kharov, T. M., and others. - Polar cap absorption type in Antarctica. January-February, 1987. *Inform. biol. Sov. antark. eksp.* no. 70:41-43 '86.
 Ponomarev, V. M., Lichitskaya, I. L. - Preliminary ventilation capability as an index of the state of mesoclimate which provide the ability to work under extreme conditions of Antarctica. *Inform. biol. Sov. antark. eksp.* no. 70:43-48 '86.
 Sakonov, G. G. - Practice in using electronic potentiometers for recording the components of radiation balance in Antarctica. *Inform. biol. Sov. antark. eksp.* no. 70:72-78 '86.

561.800 Meteorological instruments

Bogdanova, E. G. - Evaluation of the reliability characteristics of microclimates of solid precipitation due to wind. *Trudy GGO no. 234:144-154 '86.*
 Bogdanova, E. G. - Taking into account wind errors of precipitation measurements in the calculation of their mean annual values (norms). *Trudy GGO no. 234:144-154 '86.*
 Dubovik, I. V. - Experimental determination of evaporation from the soils for measuring precipitation and rain. *Trudy GGO no. 235:183-184 '86.*
 Fedorova, M. A., and others. - Methodology of calculating the average for a certain territory of corrections to precipitation norms. *Trudy GGO no. 235:183-184 '86.*
 Gorbunova, I. G., Boshenko, V. G., Pavlova, M. P. - Systematic errors of a standard photograph. *Trudy GGO no. 235:183-184 '86.*
 Melnikova, A. M. - Evaporation from rain-measuring devices of different construction. *Trudy GGO no. 234:144-154 '86.*

Mezhayev, I. M. - Losses to evaporation from precipitation measuring devices in various climatic zones. *Trudy GGO no. 234:144-154 '86.*

Mezhayev, I. M. - Study of the correction of the measurement of atmospheric precipitation due to its evaporation from the instrument. *Trudy GGO no. 235:173-177 '86.*

Polishchuk, A. L. - Statistical structure of the winter precipitation field. *Trudy GGO no. 235:173-177 '86.*

Romanovskiy, I. U. L., Shukin, M. G. - Methods and devices for a microclimate measurement of the hydroclimatic indices of drying. *Sbor. tr. na agron. (izv. no. 14:71-76 '87.*

Stresser, L. R., and others. - Errors in measuring precipitation by ground rain gauges in the presence of wind. *Trudy GGO no. 235:173-177 '86.*

Stresser, L. R., and others. - Practice in the correction of precipitation norms. *Trudy GGO no. 235:173-177 '86.*

Stresser, L. R., Mezhayev, I. M. - Introduction of corrections for the measuring of the walls of the water collecting vessel in the measured values of precipitation. *Trudy GGO no. 234:144-154 '86.*

561.800 Weather forecasting

Dezhnevskiy, B. L. - Fluctuations of climate and the problem of ultrahigh-range forecasting. *Izv. AN SSSR. Ser. geog.* no. 5:43-53 5-O '82.

Weather forecasting and agroclimatic conditions for the autumn of 1982. *Meteor. i gidrol.* no. 9:124-128 8 '82.

561.84 Various atmospheric phenomena, influences

Bedin, M. L. - Radiation factors in present changes in climate. *Izv. AN SSSR. Ser. geog.* no. 5:34-41 5-O '82.

561.841 Historical geology. Stratigraphy

Akhmedov, M. T., Akhmedov, O. M., Kozlov, R. L. - Meaning of "microtyps" in the study of flysch deposits. *Azerb. naft. khoz.* 47 no. 12:11-12 11 '82.

Bedin, M. L. - Some observations on the formation of Chuvashian. *Uch. zap. Perm. gos. un.* no. 170:3-17 '87.

Khalilov, L. L. - Principles of sequence in the formation of geological bodies (principles of Steno). *Trudy SNTSOGIMES no. 57:1-30 '87.*

Kropachev, A. M., Kropachev, T. S. - Stratigraphic changes in alluvial gravel-sand sediments. *Uch. zap. Perm. gos. un.* no. 170:78-79 '87.

Kropachev, A. M., Kropachev, T. S. - Section of minor elements (accessory) by fluid aqueous solutions of finely dispersed clay sediments. *Uch. zap. Perm. gos. un.* no. 170:80-81 '87.

Krylov, I. M. - Olden traces of life on earth. *Priroda* no. 12:42-44 '82.

Kryukov, G. I. A. - On some criteria for the establishment of stratigraphic boundaries. *Vest. LGU* 22 no. 3:175-178 D '82.

Semyas, V. A. - Early angiosperms within the territory of the Soviet Union (based on the study of leaves and fruits). *Bot. zhurn.* 63 no. 11:1817-1828 M '82.

Shchegolev, L. A. - Secondary processes in the formation of alluvium caused by the activity of underground waters. *Uch. zap. Perm. gos. un.* no. 170:82-83 '87.

561.8 (479.54)—European rivers

Oskarov, B. M. - Groundwater and an outcrop of a heavy fraction of recent alluvium of the Yenisei River. *Uch. zap. Perm. gos. un.* no. 170:12-17 '87.

561.8 (479.54)—Kirov Province

Oskarov, B. M. - Size of heavy minerals of Pleistocene alluvium in the lower Yenisei Valley. *Uch. zap. Perm. gos. un.* no. 170:12-17 '87.

561.8 (479.55)—Perm Province

Bergs, I. P. - Relative deformations of the longitudinal profile of the Boy River. *Uch. zap. Perm. gos. un.* no. 170:17-18 '87.

Vodinskaya, M. V., and others. - Ancient valleys and alluvium sediments in the middle Kama Valley. *Uch. zap. Perm. gos. un.* no. 170:12-17 '87.

561.8 (479.55)—Krasnodar Territory

Alekseyev, G. M. - Modes of occurrence of Lower Cretaceous and underlying formations in the platform portion of western Caucasus. *Trudy KP VNI no. 7:122-123 '80.*

Shadrinov, A. M., Kozlovskiy, I. D. - Some problems of clay composition and detachment of sedimentation waters in the Mesozoic-Cenozoic section of western Caucasus. *Trudy KP VNI no. 7:124-125 '80.*

561.8 (479.55)—Ukrainian S. S. R.

Dobryshchuk, I. U. K. - New data on Balatonian sediments of the Kiev region. *Viznyk Kyiv. un. Ser. biol. ta lek.* no. 4:41-45 '87.

Vasylko, V. M., Kulykova, V. K., Oryshchuk, M. I. A. - Stratigraphy of the Ukrainian Shield. *Viznyk Kyiv. un. Ser. biol. ta lek.* no. 4:41-45 '87.

561.8 (479.52)—Georgian S. S. R.

Abusaidze, N. R. - Phenomena of the metamorphic differentiation in Lower Paleozoic metamorphic schists of the Dzirula Massif. *Soob. AN Gruz. SSR* 80 no. 3:413-416 M '82.

Mikhelezh, E. M. - Potassium sulfate deposits of Paleozoic metamorphic gneiss of the Dzirula Crystalline Massif. *Soob. AN Gruz. SSR* 80 no. 3:417-422 M '82.

561.8 (479.54)—Azerbaijan S. S. R.

Tagiyev, R. A., Agalarova, D. A. - Establishing the presence of the Pontine stage in the Lower Kara Depression. *Azerb. naft. khoz.* 47 no. 12:5-7 D '82.

561.8 (479.52)—Mongolian People's Republic
 Davlatbaev, K. V., Zakharenko, V. S., Likharev, I. O. - First finds of Pliocene small mammals in Tuva and western Mongolia. *Dokl. AN SSSR* 23 no. 2:484-487 '81.

561.8 (479.52)—Azerbaijan S. S. R.
 Guseynov, A. A. - History of the geological development and the paleogeography of the western part of the Alai area in the Ordovician. *Trudy ANTIKINIA* 11:57-62-113 '87.

Likharev, I. O. - Age of coal-bearing sediments of the Tunguska, Taymyr, and Khatanga basins. *Vest. LGU* 22 no. 3:493-501 D '82.

561.8 (479.14)—Novosibirsk Province
 Oskarov, B. M., Kozlov, A. L., Kozlovskiy, R. V. - New data on Lower Carboniferous sediments in the northeastern part of the Gorky basin. *Trudy SNTSOGIMES no. 57:173-181 '87.*

561.8 (479.16)—Altai Territory
 Vinnikova, M. K., Guseynov, A. A. - Tuff cross sections of Ordovician sediments in the northeastern part of the Ayr-Chay syncline in the Gorky Basin. *Trudy SNTSOGIMES no. 57:181-187 '87.*

561.8 (479.17)—Kemerovo Province
 Krasnov, V. L. - Breaks in Devonian strata within some regions of the Sayan-Alai area. *Trudy SNTSOGIMES no. 57:187-187 '87.*

561.8 (479.51)—Krasnoyarsk Territory
 Abramov, A. V. - Stratigraphic correlation of the Angaita and Angaita series of the Krot-Kota basin (Krasnoyarsk Sayan Mountains). *Trudy SNTSOGIMES no. 57:187-190 '87.*

Krasnov, V. L. - Breaks in Devonian strata within some regions of the Sayan-Alai area. *Trudy SNTSOGIMES no. 57:187-187 '87.*

Krasnov, V. L., Shakhmatov, B. B., Shakhmatov, I. I. A. - Stratigraphic division of Precambrian and Cambrian sediments in the Igarka region. *Trudy SNTSOGIMES no. 57:190-193 '87.*

Krasnov, V. L., and others. - Age of the Cambrian series of the northern slope of the Western Sayan Mountains. *Trudy SNTSOGIMES no. 57:193-193 '87.*

561.8 (479.53)—Tyva S. S. R.
 Davlatbaev, K. V., Zakharenko, V. S., Likharev, I. O. - First finds of Pliocene small mammals in Tuva and western Mongolia. *Dokl. AN SSSR* 23 no. 2:484-487 '81.

Savits, S. S. - Ordovician stratigraphy of the Yenisei basin in the Western Sayan Mountains. *Trudy SNTSOGIMES no. 57:193-193 '87.*

561.8 (479.54)—Irkutsk Province
 Kozlov, I. E. - Age of coal-bearing sediments in the Tunguska (Berkansk Depression). *Izv. AN SSSR. Ser. geol.* no. 11:84-103 '82.

561.8 (479.54)—Dudinka S. S. R.
 Fedorovskiy, V. S. - Size and boundaries of the upper bearing Udonian series of the Precambrian of Udonia Siberia. *Izv. AN SSSR. Ser. geol.* no. 11:104-111 '82.

561.8 (479.58)—Orika Province
 Balchikov, V. V. - Precambrian stratigraphy of the lower reaches of the Yakutsk River, right tributary of the Vitim River (Yakut-Mayrsky Range) Tuva. *Old. geol. Seriat.* 51 50 AN SSSR no. 1:121-128 '82.

561.8 (479.53)—Khanty-Mansi Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Maritime Territory
 Ablov, A. G. - Age of flora from the Tikhookeanskaya the Maritime Territory. *Dokl. AN SSSR* 23 no. 2:121-123 '82.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Maritime Territory
 Ablov, A. G. - Age of flora from the Tikhookeanskaya the Maritime Territory. *Dokl. AN SSSR* 23 no. 2:121-123 '82.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

561.8 (479.53)—Khabarovsk Territory
 Gol'densberg, V. I. - Stratigraphy of Middle Triassic sediments of the western coast of the Sea of Okhotsk in the Ajan region. *Sov. geol.* 11 no. 12:37-40 '71 '81.

551.6(71)—Aralian R. S. F. R.
Ostapenko, A. B. - History of the geological development and the paleogeography of the western part of the Aral-Aldai area in the Ordovician. *Trudy SNTKOGILIS* no. 57; 57-111 '67.
Klimova, M. K. and others. - Basic characteristics of the geological development of the Aral-Aldai fold area. *Trudy SNTKOGILIS* no. 57:88-90 '67.

551.6(74)—Kazakh S. S. R.
Shtuk, A. A. - Syntectonic formations of the northern Caspian Sea region. *Izv. AN SSSR Ser. geol.* no. 5:84-100 5-0 '68.

551.6(76)—Arctic and North Polar regions
Kozlov, V. - Extent of Late Pleistocene glaciation in the Arctic Regions of Europe. *Izv. AN SSSR Ser. geol.* no. 5:51-58 5-0 '68.

552 Paleontology. Petrography

Krolev, P. M. - Role of texture formation in the physicochemical properties of marine sediments. *Trudy Akad. Nauk. SSSR Ser. geol.* no. 30:165-174 '68.
Krivits, I. A. M., Kapel'ina, S. M., Shcherbakov, S. V. - Change of a group composition of bitumens under the action of electric discharges. *Vestnik AN SSSR Ser. khim. nat.* no. 4:79-84 '68.
Kuznetsov, L. E., Serb-Serbina, N. M. - Effect of polyvinyl alcohol additions on the structure formation processes in aqueous dispersions of clay minerals. *Koll. zh.* 32 no. 6:553-558 M-D '68.
Korobogov, S. V., Shchegolov, A. I. - Correlation between the hardness coefficient and the contact strength of rocks. *Ugol. Ukr.* 12 no. 11:25 M '68.
Tolstov, V. S. - Shape, size, and composition of mineralized bodies. *Sov. geol.* II no. 11:56-68 M '68.
Vorobov, A. P. - Effect of the lithology of enclosing rock on the morphology of ore bodies and the distribution in them of gold. *Vop. geol. i metod. razved. sol.* no. 1 28-34 '67.

552(411.342)—Kirov Province
Mikhlin, B. S. - Gray granite containing tourmaline from the crystalline basement of Kirov Province: based on materials on deep drilling. *Izv. AN SSSR Ser. geol.* no. 11:34-36 '68.

552(411.5)—Ural regions
Krasov, V. V. - Conditions governing the formation and secondary alterations of rocks in coal measures of the Kuznetsov Basin in connection with their facies composition. *Izv. AN SSSR Ser. geol.* no. 11:91-94 '68.

552(471.64)—Bavarian Province
Kozlov, G. M. - Analysis of the distribution of periodites and serpentinites in Bashkovo deposit according to various weight methodology of sampling, testing, and analysis. *Sov. geol.* II no. 11:133-135 M '68.

552(471.65)—Krasnodar Territory
Bakhtov, A. E. - Petrophysical characteristics of Paleocene and Lower Eocene rocks in the Novodmitriyevskaya, Krasnodarskaya, and Vostochno-Severnyy fields in connection with prospecting for gas and oil. *Trudy KPF VNI* no. 17:238-247 '68.
Chukhlin, V. P. - Some petrological features of old crystalline rocks in western Caucasus and the northwestern Caucasus. *Trudy KPF VNI* no. 17:326-378 '68.
Lashchev, V. M., Zharavskiy, I. P. - Petrographic composition of Paleocene granitoids in western Caucasus and some characteristics of their metamorphism. *Trudy KPF VNI* no. 17:376-390 '68.
Bakhtov, A. E., Kuznetsov, I. D. - Some problems of clay composition and deformation of sedimentation waters in the Mesozoic-Cenozoic section of western Caucasus. *Trudy KPF VNI* no. 17:345-359 '68.

552(471.66)—Chechen-Ingush A. S. S. R.
Gusev, I. U. A., Gusev, V. A. - Studying the host capacity of the narrow fractions of the Chechen-Semi petrograph. *Izv. vuz. ucheb. zav. naft' i gas* II no. 10: 14, 44 '68.

552(477)—Ukrainian S. S. R.
Rybnitskiy, B. O., Khobchenko, O. V., Komositskiy, I. S. - Characteristics of the distribution of rare earth elements in granites of the Korosten' region. *Viznyk Kyiv. on Ser. heol. ta bezh.* no. 8:13-20 '67.
Mamontov, O. S. - Volcanic rocks of the Obshchaya basins. *Viznyk Kyiv. on Ser. heol. ta bezh.* no. 8:24-26 '67.

552(477.8)—Western Ukraine
Zakh-Moravskiy, V. A., Lypynskiy, V. P. - Characteristics of the Upper Precambrian rocks of Podolia. *Viznyk Kyiv. on Ser. heol. ta bezh.* no. 8:37-40 '67.

552(478)—Caucasus and Transcaucasia
Demin, A. M., Poljakov, V. V., Shubin, A. A. - Characteristics of the distribution of molybdenum, copper, and zinc in granitoids of the Mergel' pylon (Lower Caucasus). *Izv. AN SSSR Ser. geol.* no. 11:27-32 '68.

552(479.82)—Georgian S. S. R.
Krasov, M. B. - Phenomena of the metamorphic differentiation in Lower Paleozoic metamorphic schists of the Dzhirga Massif. *Sov. AN Grus. SSR* 80 no. 2:413-418 My '68.
Krasov, M. B. - Potassium sodium feldspars of Paleozoic metamorphic granitoids of the Dzhirga Massif. *Sov. AN Grus. SSR* 80 no. 2:417-423 My '68.

552(479.84)—Azerbaijan S. S. R.
Isaev, R. G., Shakhverdova, F. M., Magisada, G. G. - Study of aromatic hydrocarbons of a diesel-oil fraction of the petroleum from the Neftyanyye Kanali field. *Izv. vuz. ucheb. zav. naft' i gas* II no. 10:81-83 '68.

552(479.85)—Azerbaijan S. S. R.
Bokhrov, A. P., Davidshe, I. V., Kaligis, E. M. - Composition of granite pegmatites of the Akuma Valley. *Sov. geol.* II no. 11:81-84 M '68.

552(479.86)—Turkmen Province
Bakhtov, S. B., Stanov, V. L. - Coal-bearing Miocene of the upper Varyagin Valley. *Trudy SNTKOGILIS* no. 57; 151-155 '67.

552(479.87)—Krasnoyarsk Territory
Raitanov, A. A. - Some characteristics of the Devonian volcanism of the Minsinsk Intermontane trough. *Trudy SNTKOGILIS* no. 57:125-132 '67.

552(474)—Kazakh S. S. R.
Filits, R. A., Khakhshidze, R. K. - Desalting of the petroleum of the Uzun' field from the Mangyshlak Peninsula. *Neft. i neftekhim.* no. 1:1-4 '68.
Makshov, A. S. - Characteristics of the redistribution of impurity elements in granitoids of the Chayirly' region. *Sov. geol.* II no. 11:158-164 M '68.

553 Economic geology. Minerals. Ores

Bezhov, A. S. - Atomic-absorption determination of lead in mineral raw materials. *Zhar. anal. khim.* 32 no. 11 1640-1648 M '68.
Bakhtov, E. P., Gorochochko, I. A. G., Dvornikova, A. A. - Decomposition of modified limestone by sulfuric acid. *Ukr. khim. zh.* 34 no. 11:124-129 '68.
Dobribinskiy, L. D., Poljakov, I. V. - Use of thiosulfate in the phase analysis of copper ores. *Zav. lab.* 32 no. 7:775-782 '68.
Donskoy, V. S. - Problems of general metallurgy. *Vest. LGU* 32 no. 24:38-40 D '68.
Fayzullin, M. A., Yonson, I. M. - Science in search for ore deposits. *Prirada* no. 12 34-44 '68.
Gerasimov, S. K. - Rapid magnetometric method for the technological estimate of iron ores. *Razved. i otk. nebr.* 34 no. 13:18-24 D '68.
Grigorovich, M. B. - Principles of evaluating deposits of feldspar. *Razved. i otk. nebr.* 34 no. 13 4-6 D '68.
Khak, I. G., Vlasova, L. G. - Barometric method of determination of phosphorus in ores, apatites, and superphosphates. *Zav. lab.* 32 no. 7:800-810 '68.
Kakabade, V. Sh., Akopova, L. A. - Use of fluidized bed for high temperature conversion of natural gas. *Moskov. prot. khim. tekhnol.* no. 2:144-145 '67.
Kakabade, V. Sh., Shchegolov, S. M. - Use of special features of twirling currents for high temperature conversion of natural gas. *Moskov. prot. khim. tekhnol.* no. 2:145-147 '67.
Kazanskii, V. I. - Characteristics of the distribution of useful ores. *Prirada* no. 12:68-69 '68.
Klopovskiy, M. B. - Methodology of using spore-pollen analysis under nonstandard conditions. *Sov. AN Grus. SSR* 80 no. 2:401-408 My '68.
Lashchev, V. M. - Effect of environment and the character of magmatic processes on the formation of sadoptaceous mineralization of boron. *Trudy KPF VNI* no. 17:400-403 '68.
Markin, B. - Industry of aluminum crops. *Aghator* no. 22: 34-35 M '68.
Migunov, B. B., Kholis, V. M., Kharkov, S. M. - Concentration-type spectroscopic activation equipment for radioactive logging of wells in ore beds. *Geofiz. zh.* no. 3:358-364 '68.
Pavlovskiy, L. L., Zakh, O. A., Dzhidarskiy, I. A. - Rapid determination of sulfur in ores. *Viznyk LPI* no. 10:133-134 '68.
Sakhtakhidze, G. B., Alkhade, E. I. - Effect of addition of water vapor to natural methane on the reduction of Dzhidarskiy iron ore. *Azerb. khim. zh.* no. 5:64-184 '68.
Vorobov, A. P. - Effect of the lithology of enclosing rock on the morphology of ore bodies and the distribution in them of gold. *Vop. geol. i metod. razved. sol.* no. 1 28-34 '67.
Zemlin, V. I., Mikhlin, A. K. - Effect of certain salic acid-sulfate additives on the type of water bond in kaolinite clay dispersions. *Azerb. khim. zh.* no. 5: 55-57 '68.

553(324)—Mountains of Europe
Bokhtov, I. U. M. - Wall rock alterations in pyrite deposits of the Central Urals. *Sov. geol.* II no. 11 62-80 M '68.

553(324)—Mountains of Asia
Andonov, L. M. - Metallurgy of the southern part and central part. *Sov. geol.* II no. 11:18-30 M '68.

553(471.342)—Kirov Province
Mikhlin, B. S. - Gray granite containing tourmaline from the crystalline basement of Kirov Province: based on materials on deep drilling. *Izv. AN SSSR Ser. geol.* no. 11:34-36 '68.

553(471.5)—Ural regions
Kozlov, V. I. - Primary stages of volcanic formations of the eastern slope of the southern Urals, the role of differentiation and assimilation in their formation. *Sov. geol.* II no. 11:13-18 M '68.

Kurbatov, F. A. - Comparative characteristics of the fragmental quartz of some rocks of the western slope of the Urals. *Uch. zap. Perm. gos. un.* no. 17:68-75 '67.

553(471.65)—Perm Province
Lunov, B. S., and others. - Find of small diamonds and moissanite in the Vistara diamond region. *Uch. zap. Perm. gos. un.* no. 17:151-154 '67.

553(477)—Ukrainian S. S. R.
Bviridov, V. V. - Chemical composition of diabases of the Ukraine. *Dokl. AN SSSR* 213 no. 2:442-444 '68.

553(479.82)—Georgian S. S. R.
Dzashvili, D. S. - Estimation of the collector properties of carbonaceous rocks of West Georgian oil-prospecting areas on data gathered by industrial and geophysical investigation of well cores sections. *Sov. AN Grus. SSR* 81 no. 2 573-578 8 '68.

553(479.84)—Azerbaijan S. S. R.
Alakperova, S. A., Dzhavadov, S. P., Babayev, R. M. - Exchange complex of bentonite clays of the Kobaystan and Ali-Bairanly deposits in Azerbaijan. *Uch. zap. AGU Ser. khim. nauk* no. 2 55-59 '68.

Alakperova, S. A., Mamedova, L. Z., Mamedova, M. M. - Lyophilic characteristics and electrokinetic potential of Azerbaijan deposit clays. *Uch. zap. AGU Ser. khim. nauk* no. 2 55-57 '68.
Alakperova, S. A., Metallinov, M. D. - Studying the effect of the fractional composition of bentonite clay of Kobaystan on its separating capacity. *Azerb. naft. khim.* 47 no. 12:37-38 D '68.

553(471.65)—Chita Province

Adel'son, I. M., Shurayev, A. V., Kalashnikov, P. A. - Data on the connection between gold and molybdenum mineralization in the Baley region. *Vop. geol. i metod. razved. sol.* no. 1 31-34 '67.
Borovkov, F. T. - Volcanic activity of the central type in the Urdino-Dainakata depression and the role in the distribution of epithermal mineralization of gold, mercury and tin. *Vop. geol. i metod. razved. sol.* no. 1 7-10 '67.
Chegolov, S. V., Khomich, V. G. - Role of submeridional disturbances in the distribution of gold mineralization in the Baley region. *Vop. geol. i metod. razved. sol.* no. 1 41-43 '67.
Fayzullin, R. M. - Gold placers in the Baley region. *Vop. geol. i metod. razved. sol.* no. 1 41-43 '67.
Khomich, V. G., Chegolov, S. V. - Certain factors in the localization of ore chimneys in Baley-type lodes. *Vop. geol. i metod. razved. sol.* no. 1 25-26 '67.
Khomich, V. G. - Experimental and methodological investigations by the piezoelectric method in prospecting and tracking for gold-quartz lodes (earth surface variant) in certain sections of the Baley ore system. *Vop. geol. i metod. razved. sol.* no. 1 44-48 '67.
Khomich, V. G. - Methods for the compilation of maps of an erosion section for the Upper Mesozoic tectonic depressions on the example of the Baley ore field. *Vop. geol. i metod. razved. sol.* no. 1 48-50 '67.
Krasnitskiy, S. S. - Tectonostratigraphic analysis of Baley graben deposits. *Vop. geol. i metod. razved. sol.* no. 1 18-19 '67.
Lashchev, V. M. - Results of mineral, thermal and barometric investigations of indications in minerals from gold ore deposits of the Baley region and certain aspects of their practical use. *Vop. geol. i metod. razved. sol.* no. 1 23-25 '67.
Mikhlinov, S. S. - Criteria of the typomorphism of mineralization in the Baley region. *Vop. geol. i metod. razved. sol.* no. 1 23-25 '67.
Mikhlinov, S. S. - Vertical structural zoning of ore-bearing fissures of the southern field of Baley deposit. *Vop. geol. i metod. razved. sol.* no. 1 30-31 '67.
Sakharov, M. S. - Mineralogy of gold of the Dorsan deposit (western Transbaikalia). *Izv. AN SSSR Ser. geol.* no. 11 51-53 '68.
Shurayev, A. V., Adel'son, I. M. - Geological structure of the "Golgoty" gold ore deposit and the direction of the prospecting operations. *Vop. geol. i metod. razved. sol.* no. 1 34-36 '67.
Tupolev, V. M. - Brief geological characteristic and estimates for the future of the central part of the "Golgoty" gold ore deposit. *Vop. geol. i metod. razved. sol.* no. 1 36-41 '67.

553(471.65)—Yakut A. S. S. R.
Popugayeva, L. A. - Gems of Yakutia. *Razved. i otk. nebr.* 34 no. 13:8-10 D '68.

553(474)—Kazakh S. S. R.
Bakhtov, E. P., Bekman, M. I. - Relations of the barite-complex metal mineralization to intrusive rocks and the geological age of the Karagayly ore zone (central Kazakhstan). *Izv. AN SSSR Ser. geol.* no. 11:44-50 '68.
Ortina, I. A. L. - Prospecting for sulfide deposits of the Kaskay Akai using methods of barite geophysics. *Sov. geol.* II no. 11:148-153 M '68.

553(478.4)—Turkmen S. S. R.
Lashchev, V. I., Mikhlin, I. B. - Characteristics of the chemical composition and ore potential of thermal springs in the Chelakhi deposit. *Dokl. AN SSSR* 213 no. 2:430-441 '68.

553.9 Carbonaceous mineral deposits
Akberdiyev, M. T., Akhmedov, O. M., Zakhov, R. L. - Meaning of "bioglyphs" in the study of dysoch deposits. *Azerb. naft. khim.* 47 no. 12:11-13 D '68.
Sakhtakhidze, G. B., Mamedov, A. A. - Reduction of iron scale with grain natural gas. *Uch. zap. AGU Ser. khim. nauk* no. 2 53-57 '68.

553.9 (Continued)

- TSipson, S. A., Nalashidi, M. L. - Establishment of an international scientific and technological society for the study of perit. *Izv. AN SSSR Ser. geol.* no. 3:122-123 1979 9-0 '80
- Velikikh, A. V. - Material balance equations for calculating oil reserves in formations exploited under combined drive. *Trudy KPI VNI* no. 17:221-224 '80
- 553.9(470)—European U.S.S.R.
- Goldovskiy, S. L., Polster, L. A., Shleifer, M. S. - Geochemical characteristics of Upper Proterozoic and Paleozoic sediments of the northern regions of the Russian Platform in connection with the evaluation of prospects for finding oil and gas. *Izv. AN SSSR Ser. geol.* no. 11:77-80 '80
- 553.9(471.63)—Krasnodar Territory
- Bedcher, A. K., Brachin, G. B., Molodtsov, E. F. - Jointing of terrigenous rocks according to the data obtained from the study of cores and the absorption of clay nests during drilling. *Trudy KPI VNI* no. 17:253-271 '80
- Bedcher, A. K. - Petrophysical characteristics of Paleocene and Lower Eocene rocks in the Novodnriyevskaya, Kubanetska, and Vostochno-Berevaya fields in connection with prospecting for gas and oil. *Trudy KPI VNI* no. 17:235-247 '80
- D'Almonov, A. I. - Lithofacies characteristics, reservoir properties, and bioturbation of Mesozoic sediments in the southern slope of the northwestern Caucasus (eastern Black Sea region). *Trudy KPI VNI* no. 17:131-131 '80
- Krasnaya, A. S., Krasnaya, L. A. - One-winter contacts in the Staro-Minskaya and Leningradskaya fields. *Trudy KPI VNI* no. 17:131-137 '80
- Ermolov, V. G. - Basic features of Jurassic water-drive complex in the Eastern Kuban Trough and the Adygey block. *Trudy KPI VNI* no. 17:234-238 '80
- Ostapenko, I. M. - Some data on Lower Cretaceous reservoirs in the Yevk-Berevskaya region. *Trudy KPI VNI* no. 17:235-238 '80
- Ostapenko, I. M., D'Almonov, A. I. - Structural features and oil and gas potentials of some areas of the eastern Kuban with greashts in cores of structures. *Trudy KPI VNI* no. 17:230-237 '80
- Ostapenko, I. M., D'Almonov, A. I., Aleksey, G. A. - Geological structure and oil and gas potentials of Mesozoic sediments in the eastern Kuban. *Trudy KPI VNI* no. 17:143-148 '80
- Krasnaya, V. I. - Structure and oil and gas prospects of the northern margin of the Western Kuban Trough. *Trudy KPI VNI* no. 17:143-148 '80
- Khorokhov, A. T. - History of geological studies in connection with oil and gas searches in the northwestern Caucasus and western Ciscaucasia (Krasnodar Territory). *Trudy KPI VNI* no. 17:14-14 '80
- Krasnaya, M. G., Krasnaya, K. T., Krasnaya, M. S. - Studying the relation of resistivity index to water saturation and porosity parameter to porosity. *Trudy KPI VNI* no. 17:234-238 '80
- Krasnaya, M. S. - Determining thicknesses of this layers by electric logging data. *Trudy KPI VNI* no. 17:234-238 '80
- Krasnaya, M. S., and others. - Studying the nonuniformity of lithic-like sections by a combination of geological-geophysical and field methods, as exemplified by the Kuma horizon in the Novodnriyevskaya field. *Trudy KPI VNI* no. 17:234-238 '80
- Krasnaya, M. S., Danilov, R. G. - Classifying oil and gas reservoirs of western Ciscaucasia. *Trudy KPI VNI* no. 17:234-238 '80
- Krasnaya, V. M. - Geothermal conditions and dynamics of reservoir temperature in the Leningrad gas condensate field. *Trudy KPI VNI* no. 17:234-238 '80
- Petrov, A. I. - Detecting and evaluating joining of rocks on the basis of geological-geophysical data as exemplified by the horizon IX of the Paleocene in the Novodnriyevskaya and Kubanetska fields. *Trudy KPI VNI* no. 17:234-238 '80
- Petrov, A. I., Krasnaya, L. A., Sakmashov, T. P. - Detecting reservoirs and evaluating their properties in the deep-seated Paleocene and Lower Eocene sediments of the Vostochno-Berevaya, Novodnriyevskaya, and Kubanetska fields. *Trudy KPI VNI* no. 17:234-238 '80
- Prak, G. I., Bedcher, A. K., Krasnaya, A. S. - Detailed geological structure of the productive horizon of the Lower Cretaceous in the Leningradskaya and Staro-Minskaya fields. *Trudy KPI VNI* no. 17:234-238 '80
- Rogachuk, G. I. - Paleogeography of Lower Cretaceous sediments in western Ciscaucasia. *Trudy KPI VNI* no. 17:234-238 '80
- Shkarskiy, A. A. - Prospects for oil and gas occurrences in the Upper Cretaceous sediments of western Ciscaucasia. *Trudy KPI VNI* no. 17:234-238 '80
- Shkarskiy, A. A. - Regularities in the composition of gases, condensates, and petroleum of Mesozoic pools in western Ciscaucasia. *Trudy KPI VNI* no. 17:234-238 '80
- Shkarskiy, A. A., Chetkovskiy, V. A., Krasnaya, V. A. - Role of structural-tectonic factor in the formation and distribution of gas condensate pools in western Ciscaucasia. *Trudy KPI VNI* no. 17:234-238 '80
- Shkarskiy, I. P., Palko, V. P., Krasnaya, B. S. - Conditions of the formation of gas-oil fields in the Paleogene-Miocene sediments of the southern margin of the Western Kuban Trough. *Trudy KPI VNI* no. 17:234-238 '80
- Shkarskiy, B. S. - Lithological characteristics of Triassic and Jurassic sediments in western Ciscaucasia in connection with studies of their reservoir properties. *Trudy KPI VNI* no. 17:234-238 '80

553.9(478)—Kazakhstan S.S.R.

- Kharovskiy, T. I., Kharov, L. V. - Study of the possibility of obtaining growth promoting substances from petroleum of the Vaynaly oil field. *Izv. AN Mold. SSR* no. 11:68-105 '80
- 553.9(478.24)—Azerbaijan S.S.R.
- Abdullayev, A. P., Karimov, K. M. - Oil and gas potentials of the Pirangal area in the light of new material. *Izv. vyz. ucheb. zav. i nat'l' gas* II no. 13:11-13 '80
- Manasov, M. K., and others. - On the geothermy of the Darvin field. *Izv. vyz. ucheb. zav. i nat'l' gas* II no. 10:1-7 '80
- Taylov, E. A., Agalarov, D. A. - Establishing the presence of the Pontian stage in the Lower Kura Depression. *Azerb. neft. khoz.* 47 no. 11:6-7 D '80

56 PALEONTOLOGY, FOSSILS

- Davtyan, L. M. - Classification of biocoenoses and organic remains. *Cheshk. rep. evol. paleontol.* no. 1 8-18 '80
- Krylov, I. M. - Ordovician traces of life on earth. *Priroda* no. 11:41-54 '80

561 Systematic paleontology

- 561(478.23)—Georgia S.S.R.
- Dolids, Kh. M. - Study of Alabughi flora of Krabchi. *Soob. AN Gruz. SSR* 64 no. 2:433-474 My '80
- Rukhshin, L. P. - Correlation structure and characters in seeds of some fossil and present European grape species. *Soob. AN Gruz. SSR* 62 no. 3:711-718 S '80

562 Systematic paleontology

- Tarlov, V. A. - Massoth looked different. *Priroda* no. 13 69-71 '80

563(478.23)—Georgia S.S.R.

- Muskhelishvili, T. M. - Significance of the relation of poroliths to poroliths for Lower Cretaceous paleogeography of Georgia. *Soob. AN Gruz. SSR* 62 no. 3:731-734 S '80
- Talashvili, K. G. - New stratigraphic data on Karabakh horizon sediments in Abkhazian District. *Soob. AN Gruz. SSR* 62 no. 3:703-705 S '80
- Vakua, A. K. - Paratethysian Georgia Paleocene. *Soob. AN Gruz. SSR* 61 no. 3:747-710 S '80

563(571)—Arctic S.S.R.

- Meladze, S. V. - Middle Jurassic boreal ammonites of Siberia and their stratigraphic significance. *Dokl. AN SSSR* 263 no. 3:418-420 '80

57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES

571 Problems and (archaeology)

- Melamyskiy, V. A. - Chemical study of archaeological pigments. *Sov. arheol.* no. 4:234-238 '80

571(471.1)—Northern R.S.S.R.

- Brusov, A. I. - Problems of the origin of cultures of the Stone Age in the northern part of the European U.S.S.R. *Sov. arheol.* no. 4:2-16 '80

571(471.11)—Armenian Province

- Chetkova, S. V. - Bone finds from the late Eneolithic sites. *Sov. arheol.* no. 4:248-253 '80

571(471.33)—Moldavia S.S.R.

- Fedorov-Davydov, G. A., Tikhon, A. V. - A sediment of the Bronze and Early Iron Ages in Moldavia. *Sov. arheol.* no. 4:174-180 '80

571(471.54)—Tajik S.S.R.

- Moskvin, I. A., Fedotova, S. A. - A Paleolithic site in the Tajik. *Sov. arheol.* no. 4:244-248 '80

571(478)—Caucasus and Transcaucasia

- Mikheev, F. A., Mikhaylov, R. M., Murin, I. G. - Metalurgy of the Ancient Caucasus. *Sov. arheol.* no. 4:18-20 '80

571(471.31)—Krasnodar Territory

- Viktorov, Y. D. - Sarmatian sites of the Neolithic and Bronze Ages of the Trans-Dnieper region. *Sov. arheol.* no. 4:18-173 '80

571(471.5)—Soviet Far East

- Okladnikov, A. P. - Prehistoric art of the peoples of the Amur Valley: petroglyphs of the Kura and Ussuri Rivers. *Sov. arheol.* no. 4:44-57 '80

572 Anthropology (physical) Biology

- 572(471.1)—Northern R.S.S.R.
- Petrov, A. I. - Problems of the origin of cultures of the Stone Age in the northern part of the European U.S.S.R. *Sov. arheol.* no. 4:2-16 '80

574 General biology

- Fridlander, B. I. - Some aspects of the equilibrium of the system of organisms. *Dokl. TSKHA* no. 12:74-81 '80
- Lepa, V., Bragalo, V., Bass-Mashina, D. V. - Biological indices in environmental rate control with TERA in combination with symptoms. *Khm. i tekhn. novobor.* no. 11:337-347 '80
- [New foreign books. Series V: Biology, medicine, zoology] *Mov. kuzl' na rub. Ser. V: Biol., med., zool. khoz.* 13 no. 13 D '80

576 Genetics. Evolution

- Krasov, V. I. - Development of natural immunity in progeny of dogs with a normal pregnancy course. *Ital. eksp. biol. i med.* 87 no. 1:37-40 Ja '80
- Orlovskiy, N. G., Yulina, L. A. - Selection on the genes of selection of plants and animals. *Vest. sel'k. khoz. 13* no. 11:138-140 N '80
- Khodkov, L. M. - Genotype and phenotype. *Med. dokl. vyz. shkoly biol. nauk* 11 no. 12:151-154 '80
- Kononchik, V. A., Gerasimov, K. M. - Hypertension and heredity in the light of modern studies on cellular metabolism. *Vop. med. khim.* 14 no. 6:236-237 S '80
- Lyskov, V. N. - Biophysical methods used in the study of genetics. *Trudy Kish. sel'k. khoz. inst.* 45:43-51 '80
- Lyskov, V. N. - Use of tracer techniques in studies of genetics. *Trudy Kish. sel'k. khoz. inst.* 47 no. 6:4-46 '80
- Sedova, E. V., Pleshkov, D. P. - Effect of acid difference on the fractional and amino acid composition of proteins in oaks. *Dokl. TSKHA* no. 12:300-305 '80
- Shkarskiy, V. I. - Darwin, Muller, and Mendel and the development of biological law. *Cheshk. rep. evol. paleontol.* no. 1:19-27 '80

576.1 Origin and evolution of life

- Dolichko, F. A. - Evolution of metabolic compounds in cells. *Zhurn. evol. i khim. i fiziol.* 4 no. 3:26-28 My-Je '80

576.3 General morphology and physiology

- Doroshov, G. V. - Dynamics of morphological changes in leptocephalus in wild animals. *Trudy TSNIS* 12 118-123 '80
- Dovbanskiy, S. I., Lavrov, V. P. - Histological study of some formations in patients under treatment in the Soviet Health Resort. *Vest. dets. i ven.* 25 no. 1-4-54 41 '80
- Drabina, R. G., Marova, M. K. - Antigenic characteristics and nature of atypical acid-resistant mycobacteria isolated in tuberculous. *Uchb. zap.* 43 no. 8:2-98 '80
- Miller, J. M. - Morphology of animal tissues following implantation of organs and tissues. *Med. i biol. nauch. Prikl. khim. i med.* no. 4:137-148 '80
- Problems of evolutionary physiology and biochemistry in relation to resolutions of the 23d Congress of CPSU. *Zhurn. evol. biokhimi. i fiziol.* 3 no. 4:261-334 Ja-Je '80
- Shkarskiy, D. M. - Morphological and histochemical characterization of inflammatory processes concomitant to cancerous tumors. *Preklin. i med. Trudy* 12. Atin. gos. med. inst. 23:407-414 '80

576.3 Cytology

- Dolichko, F. A. - Evolution of metabolic compounds in cells. *Zhurn. evol. i khim. i fiziol.* 4 no. 3:26-28 My-Je '80
- Drabina, R. G. - Atypical symptoms of cells of gastric cancer according to data of electron microscopy. *Khm. i tekhn. novobor.* no. 11:37-42 '80
- Dasilova, M. F., Vasilov, A. E., Mikhaylov, E. A. - Role of so-called ionomycin and some peptides of the protoplasmic surface of plant cells. *Bot. zhurn.* 63 no. 1:43-157 M '80
- Dement'eva, M. V. - Histomorphology of varieties of dermal and hypodermal localization. *Vest. dets. i ven.* 25 no. 1:58-59 D '80
- Dmitriyev, M. P. - Submicroscopical structural changes in mitochondria of thyroid gland cells following hyperplasia and malignancy. *Tsitologiya* 18 no. 6:432-438 Ag '80
- Dubrovskiy, E. A., Mitrofanov, I. U. - Mitotic cycle of the peripheral blood in Moscow malaria patients. *Biul. eksp. biol. i med.* 87 no. 1:74-78 Ja '80
- Furukawa, I. M., Bogdanov, R. I. - Diurnal periodicity of cellular mitoses in the renal cells of rats of both sexes. *Biul. eksp. biol. i med.* 87 no. 1:79-80 Ja '80
- Fursov, I. P., Delyshev, L. M., Krasnaya, G. I. - Preparation of temporary compounds for cytological analysis of bacteria. *Dokl. TSKHA* no. 12:377-379 '80
- Gerasimov, A. B., Bliznik, V. N. - Effect of the herpes simplex virus (strain L37g) and its mutants on the mitotic balance of tissue cultures. *Biul. eksp. biol. i med.* 87 no. 1:84-85 Ja '80
- Gladyshev, Y. M. - Karyologic study of the natural *Vibrio cholerae* population. *Tsitologiya* 18 no. 6:439-447 Ag '80
- Gerasimov, A. D., Bakala, A. M. - Linkages in polygenic chromosomes. *Tsitologiya* 18 no. 6:448-450 Ag '80
- Gerasimov, M. L., Shkarskiy, V. K. - Stimulation of the mitotic activity and the appearance of binuclear cells as a result of the action of naphthyl and salts. *Tsitologiya* 18 no. 6:451-453 Ag '80

576.3 (Continued)

- 10411, A. L., Mikolajev, G. V. - Additional data on time needed for the genetic interaction of nuclei in heterokaryons in amoebas. *Tsitologia* 10 no. 2:1008-1023 Ag '85.
- Kadach, V. V. - Significance of freezing the skin for the formation of multilayer cells on its epithelium. *Biol. eksp. med.* 87 no. 1:88-93 Ja '89.
- Kuznetsov, V. P., and others. - Effect of tissue culture infected by the Coxsackie virus A-13 on intact "mirror" cultures. Report No. 1. *Trudy TSNIL NGMI* 12:97-201 '88.
- Krasov, P. M., Blesko, Y. V. - Mechanisms of cellular self-defense against microorganisms. *Tsitologia* 10 no. 2:1023-1073 Ag '85.
- Mal'tsev, V. V., Bolydyrev, A. A. - Ultrastructure of a cell. *Nauch. dokl. vuz. mikrobiol. nauch. II* no. 11: 134-145 '88.
- Mol'tuk, A. M. - Determination of nucleoproteins in the epithelial cells of tumors of the breast; fluorescence analysis. *Klin. onk.* no. 2:60-67 '84.
- Mol'tuk, A. M. - Problems of cytology and pre-cancer diagnosis. *Klin. onk.* no. 2:60-67 '84.
- Nasibov, M. N., Smorodintsev, A. A. - Nature of intracellular infections caused by the parvovirus. *Biol. eksp. med.* 87 no. 1:88-93 Ja '89.
- Nikol'son, A. G. - Biological characteristics of the parvovirus under normal and pathological conditions. *Trudy ONI* no. 6:68-86 '84.
- Pashkov, M. A., Tikhonova, L. A. - Ultrafine structure of the nuclear apparatus of Ichthyophthirius multifiliis during cyst stages of protomeres. *Dokl. AN SSSR* 183 no. 2:411-413 '85.
- Rakushevskaya, M. L. - Role of mitochondria and soluble cytoplasmic fraction in regulation of hexokinase activity in muscles of fetal and adult rabbits. *Eksp. ovul. biokhim.* 1:101, 2 no. 4:113-117 Ja '86.
- Shuk, V. I., Mordukhaiavili, M. I. - Problem of cell movement as to sex chromatin in oncology. *Tsitologia* 10 no. 2:1023-1073 Ag '85.
- Shuk, V. I. - Effect of single and fractional irradiation on normal and tumorous tissues with similar mitotic activity. *Biol. eksp. med.* 87 no. 1:88-93 Ja '89.
- Shukhman, O. A., Selezneva, L. I., Ilyashenko, I. M. - Content of sex chromatin in tumor cells. *Vrach. delo.* no. 1:59-61 Ja '86.
- Shukhman, O. A., Selezneva, L. I. - Role of the microphage in the nutrition of endogenous developmental stages of *Plasmodium falciparum*. *Tsitologia* 10 no. 2:1023-1073 Ag '85.
- Vorobeychik, A. A., Zerkov, V. S. - Intracellular formation of thyroid follicles. *Tsitologia* 10 no. 2:1023-1073 Ag '85.
- YD-Tsug-aka, R. - Quantitative cytological study of RNA and proteins in the cells of the pancreas in man and animals at a senile age. *Trudy Alma.-Atin. gos. univ. med. inst.* 23:497-500 '86.
- Zabichukh, I. M., Isakova, L. I. - Use of fluorescence microscopy for studying chromosomes. *Dokl. AN SSSR* 183 no. 2:448-450 '85.

576.8 Bacteriology. Microbiology. Parasitology

- Musakov, V. A. - Chemical composition of the body of the *Exocoelata* depending on different conditions of their feeding on animals. *Trudy Vokhob. sel'skokhoz. inst.* no. 7:333-345 '87.
- Musakov, V. A. - Host-parasite specificity in brood ticks. *Trudy Vokhob. sel'skokhoz. inst.* no. 7:336-342 '87.

576.7 General bacteriology and bacteriology

- Brill, M. I., Rodin, I. A. - Bacteriological and histological studies of some forms of generalized exfoliative erythroderma. *Vest. derm. i ven.* 39 no. 7:120-126 Ji '85.
- Rodchikova, A. I., and others. - Histopathology as precursor from the histological point of view. *Klin. onk.* no. 2:68-73 '86.

576.8 Microbiology. Bacteriology. Parasitology

- Arkhutov, E. A., Vorobeychik, L. I. - Comparative study of seven strains of bacteria containing propionic acid in connection with the formation of vitamin B₁₂. *Vest. Mosk. univ. Ser. Biol. i med.* 87 no. 2:84-87 M-D '88.
- Balashova, L. I. - Staphylococcal sepsis in young children. *Trudy TomNIIVS* 15:155-158 '84.
- Bavilovich, S. D. - Effect of cyanoguanidine on rhizosphere and root microorganisms of corn and on soil microflora. *Dokl. TSNIL NGMI* no. 13:175-180 '88.
- Belikov, A. L., Solov'eva, N. Y. - Survival of adenoviruses in water and detection of water which they contaminate. *Trudy TSNIL NGMI* no. 13, pt. 1:58-64 '87.
- Brill, M. I., Rodin, I. A. - Use of electron microscope for studying bacteria *Bac. meningitidis*. *Trudy Khim. sel'skokhoz. inst.* 45:67-61 '84.
- Dobsonova, T. R. - Significance of a strain of diphtherial bacillus in the production of antitoxin. *Trudy TomNIIVS* 15:159-160 '84.
- Dodon, E. B. - Zoogeographical characteristics of *Myxosporella* of freshwater fishes in the Ukrainian S. S. R. *Parazitologiya* 1 no. 2:185-190 My-Je '87.
- Drozhkova, R. O., Marova, M. S. - Antigenic characterization and nature of typical acid-resistant *Mycobacterium* isolated in tuberculosis. *Probl. tub.* 43 no. 10:143-145 '85.
- Dubrovskaya, L. I., Kurkina, D. S. - Chemical composition and toxic properties of antigen obtained from *Brucella* by means of aqueous-ether extraction. *Vop. med. khim.* 14 no. 6:500-504 M-D '86.

- Dubelt, V. V. - Microbiological picture and the sensitivity of dysentery pathogens to antibiotics. *Shor. trad. vruch. Prikl. khim. dokl.* no. 4:183-184 '86.
- Fridman, E. B., and others. - Detection of antibodies to tuberculin in rabbit blood serum globulins. *Trudy TSNIL NGMI* 1:54-57 '84.
- Gedov, I. - Effect of bacteriophage antibiotics on dehydrogenase activity of *Brucella*, *Bac. anthracis* and *M. tuberculosis* at a different temperature. *Trudy TSNIL NGMI* no. 13, pt. 1:140-144 '87.
- Gerasimov, A. B., Bliznik, V. N. - Effect of the herpes simplex virus (strata L315) and its mutants on the mitotic balance of tissue cultures. *Biol. eksp. med.* 87 no. 1:84-88 Ja '89.
- Gerasimov, V. I., Zhuravskii, A. V. - Combination of diverticulitis of the small intestine and esophagus with echinococcosis of the liver. *Klin. khir.* no. 3:48-51 F '84.
- Goporkina, M. I. - Effect of available aluminum on the development and nitrogen-fixing activity of *Beijerinckia*. *Dokl. TSNIL NGMI* no. 13:184-185 '88.
- Grechko, A. P., Shukhman, M. A. - Echinococcosis of the head of the pancreas simulating its cancerous lesion. *Klin. khir.* no. 10:100-105 '85.
- Gromova, V. K. - Comparative study of some physiological symptoms of craniomeningoencephalitis. *Trudy TSNIL NGMI* no. 13:175-180 '88.
- Gus'kov, V. N. - Microbiology in the service of national economy. *Prilozh. no. 12:18-23 '88.*
- Isakova, L. I. - Study of the microflora of wound exudate in gunshot wounds under experimental conditions. *Trudy Alma.-Atin. gos. med. inst.* 23:460-463 '86.
- Kobolova, T. I., Myndra, L. I., Pavlovskaya, L. O. - Resistance of the virus of canine hepatitis to disinfectants. *Trudy TSNIL NGMI* no. 13, pt. 1:58-64 '87.
- Kobolova, T. I., Gogoleva, T. V. - Biological reduction of molecular nitrogen. Report No. 1. Study of the structure of electron transportation chain in *Ascaris* and *vitellin* cell with the help of respiration inhibitors and tetrazolium salts. *Nauch. dokl. vuz. mikrobiol. nauch. II* no. 12:107-113 '84.
- Kozlov, M. A., and others. - Search for the preparations of bactericidal action in the series of benzylated phenols. *Trudy TSNIL NGMI* no. 13, pt. 1:113-114 '87.
- Karpov, S. P., Selezneva, A. A. - Diagnostic significance of the hemagglutination extinction reaction in tick-borne encephalitis. *Trudy TomNIIVS* 15:159-160 '84.
- Karpov, S. P., Selezneva, A. A., Usov, P. G. - Local mineral adjuvants of the tick-borne encephalitis virus inhibitors. *Trudy TomNIIVS* 15:160-164 '84.
- Khorosheva, A. G., Chernik, O. I. - Latent drug resistance of *Mycobacterium tuberculosis* following lung resection. *Probl. tub.* 43 no. 10:143-145 '85.
- Kirillova, A. I. - Effect of new locally anesthetic preparations on the microflora of the conjunctival cavity. *Trudy Alma.-Atin. gos. med. inst.* 23:463-466 '86.
- Kolbas, S. S. - Cause of intra-ocular obstruction due to ascaridiasis. *Klin. khir.* no. 11:88 M '85.
- Korogod, M. I., Vasil'eva, R. A. - Nodular trichomycosis. *Vest. derm. i ven.* 39 no. 7:120-126 Ji '85.
- Kotlov, P. K. - Lesions of the pharynx in brucellosis. *Trudy ONI* no. 6:83-85 '84.
- Kozlov, M. A. - Dynamics of quantity of iron-reducing microorganisms in soils of the taiga-forest zone. *Dokl. TSNIL NGMI* no. 13:175-180 '88.
- Lanaka, T. I., Kuznetsov, A. A. - Ultrastructural changes in cells infected with Coxsackie virus B3. *Tsitologia* 10 no. 2:1023-1073 Ag '85.
- Lashkov, S. S., and others. - Use of thermistors in the diagnosis of brucellosis. *Trudy TSNIL NGMI* 1: 134-135 '84.
- Lebedev, E. S., Starikova, I. A., Fedorchuk, M. V. - Experiments in the use of thermistors in the study of the immunological structure of the population in relation to *Rickettsia prowazekii*. *Trudy TSNIL NGMI* 1:134-135 '84.
- Likh, S. P. - Chemistry of natural antibiotics. *Nauch. dokl. vuz. mikrobiol. nauch. II* no. 11:57-57 '84.
- Lipovskii, V. F. - Acute paronychia caused by epidemic parvovirus. *Klin. khir.* no. 10:100-105 '85.
- Luk'asenkov, V. I. - Evolution of antibody-forming function in cold-blooded vertebrates. *Eksp. ovul. biokhim.* 1:101, 2 no. 4:113-117 Ja '86.
- Mazanova, Zh. M., Shukhman, V. K. - Effect of physiologically active substances on the respiration of nitrogen-fixing microorganisms. *Dokl. TSNIL NGMI* no. 13:175-180 '88.
- Mitakov, K. I. - Significance of rumen infection in the rumen digestion. *Shor. trad. vruch. Vologd. gos. univ. opyt. sta.* no. 2:354-373 '87.
- Mol'tuk, A. M., and others. - Microbiological control of the sanitary state of refrigerating chambers. *Khol. khim.* 41 no. 10:36-39 M '88.
- Mozilov, M. N., Smorodintsev, A. A. - Nature of intracellular infections caused by the parvovirus. *Biol. eksp. med.* 87 no. 1:88-93 Ja '89.
- Nasibov, A. A. - Echinococcosis of the accessory spleen. *Klin. khir.* no. 10:100-105 '85.
- Obidovich-Danashenko, M. M., and others. - Use of a programming system in the detection of bacterial preparations. *Trudy TomNIIVS* 15:160-164 '84.
- Nikol'son, A. G., and others. - Studies of the Parasitology Laboratory of the Institute of Biology of Southern Branch of the Academy of Sciences of the Ukrainian S. S. R. from 1958 to 1986. *Biol. med.* no. 14:113-115 '88.
- Nikol'son, A. G. - Occurrence of *Acetivibrio* larvae in fishes and invertebrates. *Biol. med.* no. 14:113-115 '88.
- Nikol'son, A. G. - Effect of acetylcholine on soil microorganisms: a review of the literature. *Mikrobiolog. v. 88*, no. 6:500-504 M-D '86.

- Novikova, V. M. - Utilizing the precipitation-in-gel reaction for the diagnosis of leptospirosis. *Trudy TomNIIVS* 15:164-165 '84.
- Pifarechikov, A. A. - Brucellar abscesses. *Klin. khir.* no. 7:44-47 Ji '84.
- Prishko, E. I. - Hyphomycetes as helminth killers. *Parazitologiya* 1 no. 2:185-190 My-Je '87.
- Prokof'eva, M. L. - Allergy tests in candidiasis of the mucous membranes. *Vest. derm. i ven.* 39 no. 7:35-40 Ji '85.
- Roschikova, N. V. - Characteristics of pathogenic *Staphylococcus* isolated in some purulent diseases. *Trudy Alma.-Atin. gos. med. inst.* 23:447-448 '86.
- Rozko, A. I. - Anaplastic histiocytoblastoma for echinococcosis of the hip and anal pelvis. *Khirurgiya* 41 no. 6:133-135 Je '85.
- Savitskaya, M. D. - Phagocytosis of hydrogen bacteria in autotrophic media. *Dokl. AN SSSR* 183 no. 2:470-473 '85.
- Savitskaya, M. D. - Distribution of oligotrophic microorganisms in the soil and rhizosphere of plants. *Trudy Vokhob. sel'skokhoz. inst.* no. 7:333-345 '87.
- Serebrenskaya, K. K., Solov'eva, N. Y. - Disinfection during the infection caused by Coxsackie viruses. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Shchotkin, E. I., and others. - Comparisons between results of the study of serologic reactions to tuberculin and data on Koch's test. *Trudy TSNIL NGMI* 1:54-57 '84.
- Shumakov, O. F., Vlasova, E. V., Shumakova, S. A. - Obtaining of highly purified preparations of the lethal factor of *Clostridium histolyticum*. *Vop. med. khim.* 14 no. 6:500-504 M-D '86.
- Shukhman, M. A., Davydova, R. V., Vlasov, V. F. - Some immunological methods of laboratory diagnosis of alveolococcosis and hydatid echinococcosis. *Trudy TSNIL NGMI* 1:119-123 '85.
- Shveshchikova, K. K., Belogurova, V. P., Shukova, A. L. - Effectiveness of surgical treatment of salmonella tuberculosis caused by drug-resistant *Mycobacterium tuberculosis*. *Probl. tub.* 43 no. 10:143-145 '85.
- Skidarov, T. V., Rakhova, M. V. - Free living stages of *Polypodium hydricum* Usov (Ciliocystidia), a parasite of sturgeon eggs in the upper Don River. *Parazitologiya* 1 no. 2:185-190 My-Je '87.
- Sokolova, M. Y., Troitskiy, I. I. - Disinfection of water from the spore forms of bacteria by bactericidal ultraviolet rays. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Solov'eva, N. Y., Sokolova, K. K., Chernikova, M. V. - Effect of kanamycin and streptomycin on the sensitivity of *Mycobacterium tuberculosis* to the protective factors of the macrophages. *Probl. tub.* 43 no. 10:143-145 '85.
- Sorokin, I. I. - Mechanism of hydrogen sulfide oxidation in the bodies of water and the efficiency of using oxidation energy in biosynthesis. *Dokl. AN SSSR* 183 no. 2:470-473 '85.
- Starikova, A. V., Polakova, I. A., Shukhman, V. - Study of the resistance of *diplommatina* during a prolonged preservation. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Starikova, A. V. - Detection of the soluble antigen *Bacillus perversus* by means of the indirect hemagglutination reaction. *Trudy TomNIIVS* 15:164-165 '84.
- Tonchikova, M. K. - Characteristics of the cultural antigen for the complement fixation reaction from attenuated tick-borne encephalitis virus. *Trudy TomNIIVS* 15:160-164 '84.
- Togolova, A. I., Khaitsever, M. L. - Materials on a comparative study of strains of BCG. *Probl. tub.* 43 no. 10:143-145 '85.
- Troitskiy, A. A. - Some problems in serology of *Histoplasma*. *Trudy TomNIIVS* 15:164-165 '84.
- Troitskiy, V. I., Gendler, L. P. - Diagnostic significance of fluorescence microscopy in the detection of *Mycobacterium tuberculosis* in pathological material. *Probl. tub.* 43 no. 10:143-145 '85.
- Udalova, T. P. - Determination of glycerol in the cultural liquid *Bacillus brevis* var. Q. B. *Vest. Mosk. univ. Ser. Biol. i med.* 87 no. 2:84-87 M-D '88.
- Vashkov, V. I., and others. - Bacteriophage properties of quaternary ammonium salts with organic anions. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Vashkov, V. I., and others. - Study of bacteriophage and antibiotic properties of some karyophores. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Vashkov, V. I., Ginzburg, R. M. - Disinfection by ultraviolet rays of air inhaled by microorganisms and their spores. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Vashkov, V. I., Oshchep, M. N., Iakubova, T. A. - Infectivity caused by the staphylococci of different objects in naturally hospital. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Vasil'eva, O. A., Melnikova, V. G. - Cultivation of tick-borne encephalitis virus in the culture of suspended cells. Preliminary report. *Trudy TomNIIVS* 15:164-165 '84.
- Vil'fandina, A. M., Fina, E. R., Evgenyeva, K. A. - Inactivation of hydrazides of isocyanic acid in the organisms of patients and resistance of *Mycobacterium tuberculosis* to drugs. *Probl. tub.* 43 no. 10:143-145 '85.
- Volkov, A. N. - Resection of the left lobe of the liver in hydatid echinococcosis. *Klin. khir.* no. 10:100-105 '85.
- Volkova, A. P., and others. - Toxicological experiments of antimicrobial cellulose fabrics. *Trudy TSNIL NGMI* no. 13, pt. 1:158-163 '87.
- Work of the Section of Parasitology of the Scientific Conference of Zoologists in the Volgograd region. *Parazitologiya* 1 no. 2:185-190 My-Je '87.
- Zagromova, M. S. - Materials for antigen and sera production to determine the complement fixation reaction in lymphocytic choriomeningitis. *Trudy TomNIIVS* 15:164-165 '84.

Zharavell', F. Kh. - Amino acid composition of *Clostridium perfringens* type D. Vest. sel'skhoz. nauk 13 no. 11:107-111 5 '68.

576.8(471.23)—Leningrad Province
Kolotov, P. E., Kuznetsova, R. I. - Possibility for forecasting the abundance of *Ixodes persulcatus* P. Sch. and tick-borne encephalitis infection in Leningrad Province. Parazitologiya 1 no. 3:248-249 My-Je '67.

576.8(471.41)—Tatar A.S.S.R.
Nazarova, I. V. - Significance of *Eidola batellia* Pall. as a host of ectoparasites, carriers of transmissible diseases. Parazitologiya 1 no. 3:248-249 My-Je '67.

576.8(471.62)—Krasnodar Territory
Dolgin, A. V. - Propaganda to transmitters of the genus *Proctosae Oshmer*, 1911. Parazitologiya 1 no. 3:248-249 My-Je '67.

576.8(471.16)—Altai Territory
Sapegina, V. F. - Vertical distribution of *Ixodes trianguliceps* Bz. in the northeastern Altai. Parazitologiya 1 no. 3:248-249 My-Je '67.

576.8(471.16)—Tomsk Province
Erudov, V. E. - Virological and serological studies of tick-borne encephalitis in the Tomsk natural focus. Trudy Tomsk. 15 41-44 '63.
Karpov, S. P. - Contribution of Tomsk scientists to the solution of the problem of natural focus diseases, on the 25th anniversary of the founding of the doctrine of focal diseases by E. N. Pavlovskii. Trudy Tomsk. 15 9-34 '64.
Karpov, S. P., Selezneva, A. A., Lavina, A. R. - Materials on the immunological structure of the natural foci of tick-borne encephalitis in Tomsk Province. Trudy Tomsk. 15 45-48 '64.

576.8(471.61)—Chukotka National Area
Spasid, A. A., Kozlov, I. M. - Two new species of the genus *Dichonotus* (Cicadellidae: Cicadellinae). Parazitologiya 1 no. 3:207-212 My-Je '67.

576.8(474)—Kuznetsk S.S.R.
Korneev, G. A. - Study of interspecific ectoparasitic contacts of some seasonal species in greater gird colonies. Parazitologiya 1 no. 3:223-227 My-Je '67.
Nikol'skaya, N. K., and others. - Migration of fleas in greater gird colonies with permanent plague epidemic. Parazitologiya 1 no. 3:227-233 My-Je '67.
Pavlov, V. A., Kabanova, G. Kh. - Specificity of *Eurytoma pectoratorum* (Gahan, 1898) (Hymenoptera: Diapriidae) in terrestrial mollusks as intermediate hosts. Parazitologiya 1 no. 3:223-227 My-Je '67.

576.8(473.1)—Uzbek S.S.R.
Isakov, V. I., Zviaginina, T. V. - Discovery of spontaneous infection of *Allochlamydia* *serpentis* Vign. by *Leishmania tropica* v. major. Parazitologiya 1 no. 3:253-254 My-Je '67.

576.8(479)—Antarctica. South Polar regions
Krisin, A. R., and others. - Microbiological studies of *Chlamydia* Lake near *Chlorobacterium* Station. Inform. biol. sel'sk. khoz. no. 74:44-48 '63.

577 General properties of life

Amosov, N. M. - Artificial regulation of major vital functions. Khim. khir. no. 9:34-40 5 '64.
Kiselev, L. M., and others. - Acetylation of catechol in the presence of aniline salts. Uzb. khim. sbor. 12 no. 5:54-58 '63.

577.1 Biochemistry

Alakshandrov, M. I., and others. - Chemical composition of cow parrot and swallow salivary. Trudy Komi. 11. AN SSSR no. 17:39-41 '66.
Aplakova, R. M. - Disorders of the basal metabolism in cancer of the lungs. Khim. otk. no. 3:23-29 '66.
Arkad'eva, Z. A., Vorob'eva, I. I. - Comparative study of serum strains of bacteria containing pyruvic acid in connection with the formation of vitamins B₁₂. Vest. Mosk. un. Ser. 8 Biol., posv. 11 no. 6-64-67 N-D '65.
Asanbaba, R. D., Krivoshe, L. V. - Present-day concept on the biosynthesis of cholesterol, and the regulation of its level in the animal organism. Trudy Alma.-Ata. gos. med. inst. 23:248-254 '66.
Azhmard, I. P., Nikhina, Z. B. - Activity of RNA dependent RNA nucleotidyltransferase in some tissues and organs of a developing chick embryo. Zhur. evol. biokhim. i biol. 4 no. 3:103-113 Mr-Apr '68.
Babaria, P. M. - Changes in the content of cholesterol, phospholipids, triglycerides, and ketone bodies in the blood under the effect of physical exercise in patients with atherosclerosis. Vop. med. khim. 14 no. 5:684-687 N-D '66.
Banasovskaya, M. I., Masargia, M. M., Shlygin, G. K. - Methodology of the determination of isoenzyme aminopeptidase in intestinal juice and intestinal contents. Vop. med. khim. 14 no. 5:640-643 N-D '66.
Dakshina, T. G., Kachin, M. M., Shigaleva, R. A. - Content of manganese and copper in the blood serum in coronary atherosclerosis and hypertension. Trudy Alma.-Ata. gos. med. inst. 23:157-163 '66.

Dashkova, S. L., Tikhonova, G. P. - Polarographic method for the determination of vitamin B₁₂. Khim. i med. prom. 12 no. 11:3-5 N '63.

Baranin, F. B., and others. - Metabolism of biogenic amines, and its changes in hypotensive lesions during the course of pyrolytic disorders under the effect of some parasympathetic substances. Sovrem. patol. sred. no. 3:18-26 '67.

Baranin, F. B., Shpil'stein, M. I. - Cholinesterase activity and the content of acetylcholine in the blood of patients with psychopathological disorders in the hypotensive syndrome (before and during treatment with psychotropic substances). Sovrem. patol. sred. no. 3:27-30 '67.

Beveridze, D. V. - Study of some indices of regional metabolism in patients with vertigo vertigo. Khim. khir. no. 10:34-37 '64.

Blinov, M. M. - Metabolic heterogeneity of RNA of human leucocytes. Vop. med. khim. 14 no. 5:681-683 N-D '66.

Bondarenko, A. D., and others. - Seasonal changes of ascorbic acid and tocopherol contents in rodents. Zhur. evol. biokhim. i biol. 4 no. 3:137-144 Mr-Apr '68.

Danilova, N. M., Pleshkov, B. P. - Fractional composition of proteins in barley grains. Dokl. TRKHA no. 12:222-223 '66.

Derov, L. V., Korovin, L. S., Maslakov, V. A. - Role of mononuclear cells in the formation of hyperosmotic activity of the delayed type. Biol. eksp. biol. 1 no. 7:116-121 Ja '65.

Derov, L. V. - Effect of surgery on the biliary ducts on the K and Na electrolyte metabolism. Khim. khir. no. 10 31-34 O '65.

Dolgin, V. I. - Distribution of acid mucopolysaccharides in the middle layer of white rat under conditions of dry feeding and overfeeding. Biol. eksp. biol. 1 no. 7:116-121 Ja '65.

Dubinskaya, G. K., Sargach, A. G. - Role of the adrenal glands in disorders of electrolyte metabolism in experimental radiation diseases. Trudy Alma.-Ata. gos. med. inst. 23:208-213 '66.

Dubinskaya, G. K. - Carbohydrate metabolism in experimental radiation diseases complicated by candidiasis. Trudy Alma.-Ata. gos. med. inst. 23:213-218 '66.

Dubinskaya, G. K. - Matrix activity of DNA and chromatin in some organs in RNA synthesis. Bioch. AN Gruz. SSR 41 no. 3:177-178 5 '65.

Evdoshina, T. N. - Research International Biochemical Congress. Khim. dokl. vyz. shkol. biol. nauk 11 no. 11:118-122 '66.

Fedorov, M. I., Raptsova, N. S. - Effect of root fungus on the respiration intensity and oxidative enzyme activity in plants. Mirok. dokl. vyz. shkol. biol. nauk 11 no. 11:127-132 '66.

Fedorov, T. S. - Colorimetric determination of erythrocytic catalase. Trudy Tomsk. 15:174-176 '64.

Godovikov, M. N., and others. - New principle of controlled myorelaxation. Dokl. AN SSSR 123 no. 3:482-483 '63.

Gorina, E. - Changes in the indices of oxygenation and acid-base equilibrium in the blood of an isolated extremity during regional perfusion. Khim. i med. khim. no. 11:101-102 '66.

I. V. Gidrovskiy, on his 60th birthday. Vop. med. khim. 14 no. 5:644-645 N-D '66.

Iliia, V. S., Ruzina, M. G. - Effect of hydrocortisone on the activity of aspartate- α -ketoglutarate and aspartate- α -ketoglutarate transaminase from the liver of embryonic, newborn, and adult rats. Zhur. evol. biokhim. i biol. 4 no. 3:104-106 Mr-Apr '68.

Iul'ia Markovna Gertsy, on her 80th birthday. Vop. med. khim. 14 no. 5:643-644 N-D '66.

Iurova, G. G., and others. - Copper, iron and cobalt content in the plasma of children suffering from rickets at the subacute stage. Mikroelem. v. 5B. no. 5:110-111 '66.

Kallina, M. S. - Effect of methionine isomerase on the reactivity of the cellular elements of the connective tissue. Trudy Alma.-Ata. gos. med. inst. 23:501-504 '66.

Kalinovskii, V. P. - Proteins of the gastric juice in patients with cancer and other diseases of the stomach. Vop. med. khim. 14 no. 5:673-677 N-D '66.

Kashin, V. K. - Physiological role of nickel in living organisms. Mikroelem. v. 5B. no. 5:78-81 '66.

Kashin, V. K., Koshch, A., Pappal, K. - Fractionation of amylolytic enzymes of fungus *Aspergillus awamori*. Trudy TPI. Ser. A. no. 3:33-37 '66.

Khar'kov, Zh. Z. - Action of intercalating preparations on erythrocyte phosphorus metabolism in the liver and lungs of tuberculous-infected animals. Vop. med. khim. 14 no. 5:680-686 N-D '66.

Khoroshikh, O. K. - Effect of some forms of avitaminosis and hyperglycemic conditions on the pathomorphological changes in experimental osteoarthritis. Trudy GIDUV no. 4:174-178 '64.

Khoroshikh, O. K., Akopova, Kh. I. - Changes in the activity of phenylalanine hydroxylase in the liver of white rats in their postnatal period. Vop. med. khim. 14 no. 5:636-637 N-D '66.

Kirillov, S. A., Arslanov, M. M. - Copper, iron, placophore, and nitrogen content in cardiac tissue of sheep in the process of embryopathy. Mikroelem. v. 5B. no. 5:83-85 '66.

Kiselev, V. R., Shilov, L. D., Shilov, G. A. - Disorders of metabolic metabolism in primary myxedema. Vop. med. khim. 14 no. 5:677-680 N-D '66.

Kokshakov, T. M. - Effect of antibiotics and disorders of the vitamin and hormone balance on the formation of antineoplastic immunity. Trudy GIDUV no. 4:103-106 '64.

Kononovskaya, V. A., Gerasimov, M. M. - Hypertension and beriberi in the light of modern studies on cellular metabolism. Vop. med. khim. 14 no. 5:134-135 N-D '66.

Kool, M., Yatsyrd, A. - Diurnal changes in the activity of some dehydrogenase in the rat adrenal cortex. Trilogiya 10 no. 3:104-107 Ag '63.

Koval', N. N. - Methodology of interrupted enzyme registration of the hemolytic erythrocyte process. Trudy TPI. Ser. A. no. 3:300-310 '64.

Koval'skii, A. I., Chumakovskaya, G. D. - Analysis of chemical elements in plasma. Mikroelem. v. 5B. no. 5:48-53 '66.

Krasnoshchekova, T. A., Gogolev, V. G., Lysina, I. A. - Effect of trace elements on some chick blood indices. Trudy TPI. Ser. A. no. 3:300-310 '64.

Kristchenko, V. P., Gennadiy, A. A. - Change in the protein fraction content in rye grains, obtained by chromatography on triethylamine-silica during its dormancy periods. Dokl. TRKHA no. 13:44-47 '66.

Kristchenko, M. F., Kharovskaya, V. V. - Apparatus for the study of complementary processes. Trudy TPI. Ser. A. no. 3:300-310 '64.

Kubareva, M. M., Fridland, I. B. - Content of some acids in the erythrocytes and plasma affecting the therapy of lymphogranulomatosis. Med. rad. 13 no. 3:38-39 N '66.

Kudryavtsev, A. P., Potokhov, I. I. - Free content in feeds of plant and animal origin. Mikroelem. v. 5B. no. 5:44-47 '66.

Krasov, S. Z. - Copper and iron in the blood serum of practically healthy persons in the Azerbaidzhan area. Mikroelem. v. 5B. no. 5:508-510 '66.

Lebedeva, V. A. - Content of riboflavin and 4-pyridyl acid in the urine of healthy children of an early age. Trudy Alma.-Ata. gos. med. inst. 23:244-249 '66.

Lebedeva, V. A. - Content of parathion in the urine of an early age during histological infection. Trudy Alma.-Ata. gos. med. inst. 23:244-249 '66.

Liepe, V. - Activity of androstenedione in the blood plasma, and tumors in rats with various B₁₂ under the effect of Thio-TNVA and tyrosine. Khim. i med. khim. no. 11:101-102 '66.

Lisitskaya, I. P., Tikhon, T. M. - Determination of this acid in pulmonary tuberculosis. Probl. med. 43 no. 5:56-58 '65.

Lisitskaya, I. P., Shinkovskaya, A. L., Opatov, E. T. - Effect of gonadotrophin and flavonoid preparations from *Rhododendron luteum* and *Rhododendron coccineum* on some changes in cholesterol metabolism in white rats with experimental hypercholesterolemia. Khim. i med. khim. no. 11:101-102 '66.

Lisitskaya, V. A. - Formation of a new vitamin A molecule in the rat organism. Biol. eksp. biol. 1 no. 7:116-121 Ja '65.

Lozov, A. P., Kozlovskiy, M. I. - Study of energy migration in chlorophyll solutions. Khim. i med. khim. no. 11:144-148 JI '66.

Makarov, M. H. - Polymorphological changes in the liver in experimental hypercholesterolemia in white rats. Trudy GIDUV no. 4:101-104 '64.

Mil'evskaya, A. T., Korotkiy, Z. V. - Comparative study in the study of the protein composition of blood serum in various and cancer of the cervix uteri. Khim. i med. khim. no. 11:144-148 JI '66.

Milov, G. A., Alakshandrov, M. I. - Contraction and sarcoplasmic proteins of the myocardium in rabbits in experimental atherosclerosis, and the effect of mineral compounds on them. Vop. med. khim. 14 no. 5:677-680 N-D '66.

Mel'nik, V., Khar'kov, Zh. Z. - Effect of stress on cells of uterine myometrium and its corresponding muscular tissue. Trilogiya 10 no. 3:104-107 Ag '63.

Mil'man, R. I. - Amino acid composition of the blood in rheumatic cardiac defects. Vrach. delo no. 1:40-43 Ja '66.

Moskova, I. V., Chuchanova, I. L. - Effect of phorbol on the biochemical activity of the root microflora of mushrooms. Dokl. TRKHA no. 13:44-47 '66.

Moskova, V. A. - Chemical composition of the body of the *Ixodes* ticks depending on different conditions of their feeding on animals. Trudy VNIIV, sel'sk. khoz. inst. no. 7:343-348 '67.

Musin, D. S. - Myoglobin content in the skeletal muscle and heart in dogs at different age periods. Biol. eksp. biol. 1 no. 7:116-121 Ja '65.

Moskova, V. G., Nikitchev, I. V. - Continuous measurement of leaf moisture by the isotope method. Dokl. TRKHA no. 13:44-47 '66.

Peckin, X. A., Zakhvalkina, I. A. - Myoglobin and morphological changes in some muscles in dogs under a single general X irradiation. Trudy Alma.-Ata. gos. med. inst. 23:244-249 '66.

Pavlov, V. P., Fedorov, I. I., Pavlov, T. M. - Analysis of stressor loads during taking of materials for chemical and biochemical research. Vrach. delo no. 1:108-109 Ja '66.

Petrovskiy, B. V., and others. - Use of citrate blood in operations on the open heart under conditions of artificial blood circulation; an experimental study. Khim. khir. no. 7:17-20 JI '64.

Plavinskaya, M. L. - Na⁺ and K⁺ activated adenosine triphosphatase from the renal cortex of guinea pig. Report No. 1. Preparation and interaction with low and enzymatic drugs. Trilogiya 10 no. 3:104-107 Ag '63.

Plavinskaya, M. L. - Ontogeny of myoglobin and cytochrome oxidase. Report No. 1. Myoglobin and cytochrome oxidase in the ontogeny of man and rabbits. Trudy Alma.-Ata. gos. med. inst. 23:244-249 '66.

Plavinskaya, M. L. - Ontogeny of myoglobin and cytochrome oxidase. Report No. 2. Myoglobin and cytochrome oxidase in the muscles of children and adults. Trudy Alma.-Ata. gos. med. inst. 23:244-249 '66.

Podchak, M. D. - Indices of amino acids in the tissue of cancer of the stomach. Khim. otk. no. 3:28-31 '66.

577.1 (Continued)

- Popov, I.U.D. - Secretion of adrenal steroid hormones by the stomach. *Vrach. delo*, no. 1:48-52 Ja '66.
- Problems of evolutionary physiology and biochemistry in relation to resolutions of the 23d Congress of CPSU. *Zhur. evol. biokhim. i fiziol.*, 2 no. 4:261-284 Ji-Ag '66.
- Prakofev, D.I. - Vitamin A and carotene in the blood serum in pulmonary tuberculosis. *Probl. tub.*, 43 no. 6:46-51 '66.
- Prosenyakov, M. Sh., Solov'eva, T. V., Aniskina, R. L. - Characteristics of γ -aminobutyric acid metabolism in cerebral tumors. *Vop. med. khim.* 14 no. 6:619-622 N-D '66.
- Reuk, S. - Rheumatism and the function of the thyroid gland. *Sber. tr. vresh. pribli. shkol. dor.* no. 4:107-118 '66.
- Shapoval, Kh. K., Vildanova, G. P., Tbil, L. S. - State of the electrolyte metabolism and processes of osmoregulation in diabetic mellitus. *Trudy Alma.-Atin gos. med. inst.*, 23:140-148 '64.
- Shveta, V. F. - Changes in the serum proteins in disease of the stomach. *Klin. onk.* no. 3:33-37 '66.
- Shveta, V. F., Plachkov, S. P. - Effect of sex differences on the fractional and amino acid composition of proteins in sera. *Dokl. TSKHA* no. 133:309-318 '66.
- Sergachev, M. G. - Content of acetylcholine and serotonin in phylogenetically different brain structures at rest and after injection of norepinephrine and iproniazide. *Zhur. evol. biokhim. i fiziol.*, 4 no. 3:184-188 Mr-Apr '66.
- Serevskiy, S. E., Tbilin, L. A., Bolko, S. E. - Content of choline and the activity of cholinesterase-containing enzymes in myocardial myocarditis. *Vop. med. khim.* 14 no. 6:623-627 N-D '66.
- Shanov, D. M. - Morphological and histochemical characteristics of infectious processes concomitant to some cancerous tumors. Preliminary report. *Trudy Alma.-Atin gos. med. inst.*, 23:407-414 '64.
- Shapok, V. B., Vornovitskaya, G. I. - Possible transformation of 5-hydroxymethyl cytosine into cytosine in cancerous cells. *Vop. med. khim.* 14 no. 6:616-619 N-D '66.
- Shchukin, P. I., Krotchalev, A. A. - Present state of the problem of the water and electrolyte metabolism in surgical patients. *Trudy I-go MDI 50:181-187 '64.*
- Shchukin, G. E., Vener, B. E., Chibrikov, A. D. - Amount of transaminases in the blood serum of patients with some dermatoses. *Vest. derm. i ven.* 36 no. 7:14-24 Ji '66.
- Shchukov, I. U. G. - Synthesis of proteins, RNA, and phospholipids in the myocardium in compensatory cardiac hypertrophy following preliminary constriction. *Bull. eksp. biol. i med.*, 67 no. 1:33-34 Ja '66.
- Shchukov, K. E. - Some electrophysiological and biochemical changes in dogs during agony and following recovery from prolonged clinical death caused by blood-letting. *Trudy Alma.-Atin gos. med. inst.*, 23:106-116 '64.
- Shchukov, B. A. - Effect of intravenous introductions of HCl and Na_2CO_3 on the coagulability, leucocyte quantity, pH, and alkaline reserve of the blood. *Fiziol. zhur. SSSR* 14 no. 10:1194-1196 O '66.
- Shchukov, K. V., Kodyrov, O. K. - Analysis of neurochemical mechanisms of cortical activation during a pain reaction. *Bull. eksp. biol. i med.*, 67 no. 1:18-20 Ja '66.
- Shchukov, A. S., and others. - Histocytochemical parallels in the development of acute pancreatitis. *Vrach. delo*, no. 1:77-78 Ja '66.
- Trifonovskiy, L. A., Golachov, V. F. - At the General Assembly of the International Society on Grain Chemistry. *Muk.-elev. prom.* 34 no. 10:10-21 O '66.
- Ureka, N. A. - Content of iron, copper, aluminum, and silicon in the adrenal glands of human fetuses. *Trudy Alma.-Atin gos. med. inst.*, 23:71-74 '66.
- Ureka, A. V. - Changes in the potassium and sodium content in blood plasma, erythrocytes, and urine of patients with gastric cancer depending on the extensiveness of surgical intervention. *Klin. i lab. dok. novoborn.* no. 1:58-64 '66.
- Vallikova, L. K. - Urgent phase of osmoregulation and the osmoregulating reflex. *Fiziol. zhur. SSSR* no. 10:1246-1254 O '66.
- Vishnitskaya, K. M. - Bile pigments and their metabolism. *Trudy Alma.-Atin gos. med. inst.*, 23:336-348 '64.
- Volkova, L. K., Polevskiy, O. I. - Synthesis of "biogenic" mediators in the regulation of physiological functions. *Fiziol. zhur. SSSR* 54 no. 10:1353-1364 O '66.
- Volkov, M. I. - Some indices of salt metabolism and physicochemical composition of the blood in intraoperative operations. *Trudy Alma.-Atin gos. med. inst.*, 23:130-133 '64.
- Vorob'ev, V. I. - Cobalt and copper metabolism in growing sheep in cobalt and copper deficiency, and the effect of supplementary feedings of these trace elements on some economic indices in sheep. *Mikroelem. v zh. do.* no. 6:188-204 '66.
- Yu-Tsang-shue, R. - Quantitative cytochemical study of RNA and proteins in the cells of the pancreas in man and animals at a single age. *Trudy Alma.-Atin gos. med. inst.*, 23:197-200 '64.

577.2 Life, its nature, etc. Life and death

- Shchukov, K. E. - Localization of Modificia mullaria and characteristics of its irritability. *Zhur. evol. biokhim. i fiziol.*, 2 no. 5:463-466 S-O '66.
- Shchukov, K. E. - Some electrophysiological and biochemical changes in dogs during agony and following recovery from prolonged clinical death caused by blood-letting. *Trudy Alma.-Atin gos. med. inst.*, 23:106-116 '64.

577.3 Biophysics. Biomechanics. Biomechanics

- Agabekyan, K. G. - Coding of visual information in multi-layered structures. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:83-90 '66.

- Andronikashvili, K. L., Khvachishvili, G. M. - Study of water condition in neoplastic tissues by calorimetric method. *Dokl. AN SSSR* 183 no. 2:483-485 '66.
- Doshkov, I. A., and others. - Effect of permeable magnetic fields on the spontaneous nitroreductase activity in plants. *Dokl. AN SSSR* 183 no. 3:466-468 '66.
- Prilinder, B. L. - Some aspects of the equilibrium of the system of organisms. *Dokl. TSKHA* no. 132:79-84 '66.
- Calento, D. M. - Modeling of social relationships of small groups. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:13-18 '66.
- Grachova, L. A. - Changes in the characteristics in motor asymmetry on an age-related background and under the conditions of loads. *Uch. zap. LGU* no. 34:118-123 '66.
- Iakimova, V. A. - Age- and sex-related prediction of hand movements under conditions of changing positions of the body. *Uch. zap. LGU* no. 34:123-130 '66.
- Izrael, A. V., Kary, L. K., Mikhlin, L. S. - Behavioral reactions evoked by electric stimulation of cerebral structures. *Sovrem. psichotrop. sred.* no. 2:106-113 '67.
- Ivanov - Khromskiy, K. A. - Psychological and physiological premises in the modeling of the human memory. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:83-91 '66.
- Klavina, I. - Changes in the motor characteristics under conditions of loads on the vestibular apparatus. *Uch. zap. LGU* no. 34:131-131 '66.
- Kudrinskoy, I. U. B., and others. - Dynamics of the alteration of a level of glucose in the organs and tissues of rats exposed to high energy protons, γ -rays and fission neutrons. *Vest. Mosk. un. Ser. 3: Fiz., khim. i biol.*, 21 no. 6:23-30 N-D '66.
- Lishchik, V. A., Berengorovskiy, B. A., Pajala, B. L. - Active systems. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:93-103 '66.
- Lyubov, V. M. - Biophysical methods used in the study of genetics. *Trudy Khim. sel'khoz. inst.*, 45:42-44 '66.
- Lyubov, V. M. - Correlation of physics, chemistry, and biology in the principle of "four complement." *Trudy Khim. sel'khoz. inst.*, 45:312-317 '66.
- Mastorov, V. G., Kuznetsov, E. V. - Autocorrelational analysis of the daily changes in bioelectrical potential of tomatoes and of some climatic factors. *Dokl. TSKHA* no. 133:35-41 '66.
- Oganesyan, R. O., Popov, V. V., Moshalova, P. I. - Development of the retinal function in ontogeny of a frog under different illumination conditions. *Nauch. dokl. vuz. shkoly biol. nauk* II no. 11:53-58 '66.
- Palamarchuk, V. K., Gontchovskiy, S. G. - Dynamics of changes in the spectral coefficients of plant leaves under radiation. *Zhur. prikl. spekt.*, 9 no. 1:153-158 Ji '66.
- Radikhin, L. A., Rozavin, I. U. M. - Dependence of the bioelectric potentials of wheat and bean roots on the interrelationship between potassium and calcium in the nutritive solution. *Dokl. TSKHA* no. 136:63-66 '66.
- Parashov, A. M. - Coordination processes in collective models of concepts. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:118-125 '66.
- Polyakova, M. S., Komarovskiy, I. U. M., Biderova, G. A. - Synthesis of self-organizing chemical reactions proceeding in space. *Vest. Mosk. un. Ser. 3: Fiz., khim. i biol.*, 23 no. 6:184-189 N-D '66.
- Rozakhin, G. I., Korotkin, V. I., Chernina, M. P. - Methods of studying the pressure of the foot on the foot. *Prots. i protosost.*, no. 6:124-138 '66.
- Rosa, M. A. - Study of sex-related differences in the motor activity at the age of 18-22 years. *Uch. zap. LGU* no. 34:116-118 '66.
- Rubik, A. B., and others. - Mathematical classification of primary electron transport processes in photosynthesis. *Nauch. dokl. vuz. shkoly biol. nauk* II no. 12:58-67 '66.
- Shchuk, I. P. - Classification and anatomobiochemical localization of arthropods of the head joints. *Prots. i protosost.*, no. 6:73-78 '66.
- Shchukov, K. E. - Some electrophysiological and biochemical changes in dogs during agony and following recovery from prolonged clinical death caused by blood-letting. *Trudy Alma.-Atin gos. med. inst.*, 23:106-116 '64.
- Slavitskiy, I. A., Horozova, A. A., Belen'kiy, V. M. - Some physiological materials and prerequisites for the development of bioelectric prostheses of the hip. *Prots. i protosost.*, no. 6:18-13 '66.
- Vishnitskiy, V. V. - Dependence of the effectiveness of group problem solving on the group size. *Trudy Bery. "Nek. probl. biokhim. i med."*, no. 1:13-18 '66.
- Shchukov, A. M. - Electrophysiological studies of the muscles of the leg and foot under different static conditions. *Prots. i protosost.*, no. 6:43-49 '66.

577.3 (Continued)—Moldavian S. S. R.

- Lyubov, V. M. - The history of development of biophysical research at Kishinev Agricultural Institute. *Trudy Khim. sel'khoz. inst.*, 45:3-8 '66.

577.39 Zoology

- IFenik, A. I. - Material on species differences in accumulation of strontium-88 and the variability of small mammals caught in a place artificially contaminated with this radionuclide. *Zool. zhur.* 47 no. 11:1506-1508 N '66.
- Mokrov, S. V., Dandev, G. V. - Third generation of X-ray irradiated wheat as a parent material for breeding. *Nauch. dokl. vuz. shkoly biol. nauk* II no. 11:164-167 '66.

577.4 General conditions of life. Zoology. Physiology

- Kl'piner, I. W. - Ultrasonic and the synthesis of organic substances. *Priroda* no. 11:64-71 '66.
- Mastorov, V. G. - Formation of problems in bioecology. *Dokl. TSKHA* no. 133:466-478 '66.

577.4 (Continued)—Astoria R. S. F. S. R.

- Sebaev, I. V., and others. - Animal population and morphofunctional structure of biogeocoenoses in the taiga mountains through steppes of southern Siberia. *Zool. zhur.* 47 no. 11:1503-1510 N '66.

578 Biological techniques

- Alaeva, V. D. - Isolation of yeastlike fungi of the *Trichosporon* genus from the soil. *Trudy GIDUV* no. 41:308-317 '64.
- Alshitskiy, I. U. P., Alshitskiy, T. V., Pashenko, I. L. - Methodology of determining microelectrode tip localization enabling subsequent histochemical study of marked neurons. *Nauch. dokl. vuz. shkoly biol. nauk* II no. 12:146-150 '66.
- Amosov, N. M. - Artificial regulation of major vital functions. *Klin. khir.* no. 6:34-48 S '64.
- Avramova, T. V. - Adrenomedullary epinephrine of erythrocyte stroma in healthy persons and in cancer patients. *Trudy Tomskogo gos. univ.* 18:168-173 '64.
- Berezinskaya, T. L., Modisova, M. S., Fedorovskiy, M. V. - Use of thermistors in the registration of the antigen-antibody reaction (following optical and experimental) electrotransmission with brucellosis vaccine. *Trudy TSNIL NGMI* 1:89-103 '66.
- Berezinskaya, T. L., Modisova, M. S. - Use of thermistors in the study of immunogenesis in electrotransmission with typhoid and paratyphoid vaccines. *Trudy TSNIL NGMI* 1:104-108 '66.
- Bilimov, K. B. - Localization of *Modificia mullaria* and characteristics of its irritability. *Zhur. evol. biokhim. i fiziol.*, 2 no. 5:463-466 S-O '66.
- Dashkov, P. V., and others. - Method of automatic photo-stimulation in the rhythm of cerebral bioelectricals with a selectively controlled system of feedback. *Fiziol. zhur. SSSR* 54 no. 10:1339-1343 O '66.
- Burenkova, L. A., Fedorov, I. U. V. - Study of the precipitation in gel reaction in tick-borne encephalitis. *Trudy Tomskogo gos. univ.* 18:339-352 '64.
- Chernov, E. F., Dzhuravskiy, K. E. - Radioactive isotopes as indicators in the determination of the time of venous spreading into the transplanted pedicle of Filatov's graft. *Trudy Alma.-Atin gos. med. inst.*, 23:213-218 '66.
- Dmitriy, A. A., and others. - Some immunological indices in systematic lupus erythematosus. *Trudy TSNIL NGMI* 1:149-154 '66.
- Dorogomirskiy, A. G. - Effect of luras, kept in a "trunk", on the esophageal mucosa under experimental conditions. *Trudy Alma.-Atin gos. med. inst.*, 23:373-377 '66.
- Drozdov, A. I. - Comparative characterization of antigens for a complement fixation test, obtained from *Corynebacterium* (antigen), *Haemophilus* (antigen), and *Haemophilus* (antigen). *Trudy GIDUV* no. 41:100-104 '64.
- Drozdov, E. R. - Localization of the sides of the rat body. *Uch. zap. LGU* no. 34:131-138 '66.
- Fedorov, I. U. V., Plachkov, M. B. - Obtaining of serum against tick-borne encephalitis and specific γ -globulin from horses immunized with purified brain antigen. *Trudy Tomskogo gos. univ.* 18:348-349 '64.
- Fedorov, I. U. V., Seleneva, A. A., Vasil'eva, O. A. - Significance of the antigen injection site, time factor, and nature of nonspecific adjuvants, in the production of specific antibodies in animals, following immunization with tick-borne encephalitis virus. *Trudy Tomskogo gos. univ.* 18:361-367 '64.
- Fedorova, I. S. - Colorimetric determination of erythrocyte catalase. *Trudy Tomskogo gos. univ.* 18:174-178 '64.
- Furman, O. A. - Spectrophotometric characteristics of pigments of different variants of *Kaulfonia*-Vol'f's *Epidermophyton* and *Epidermophyton* parapsoriasis (Trichophyton). *Trudy GIDUV* no. 41:104-113 '64.
- Gelfand, A. E., and others. - Study of autoimmunological processes in gastric ulcer using the thermoresistance method. Preliminary report. *Trudy TSNIL NGMI* 1:160-163 '66.
- Grachova, V. K., Shchuk, V. M. - Using the Caspary-Dox culture medium in the characterization of some dermatophytes. *Trudy GIDUV* no. 41:31-37 '64.
- Iakimova, G. S., and others. - Microthermorestanes method in the study of complement properties of dog sera in acute experimental hemorrhages. *Trudy TSNIL NGMI* 1:186-189 '66.
- Kadachina, V. V. - Significance of freezing the skin for the formation of multilayered cells on its epithelium. *Bull. eksp. biol. i med.*, 67 no. 1:53-53 Ja '66.
- Kanakov, V. M., Shchuk, I. U. A. - Methodology of imbedding the nerve fibers of the nervous substance of the general nasal cavity in paraffin sections following decalcification. *Trudy OMI* no. 80:348-352 '64.
- Kashin, K. P., Shchukova, M. A. - Immunohistochemical analysis of the Chinese albumin antigens. *Trudy GIDUV* no. 41:84-88 '64.
- Kishchikov, V. P., and others. - Study of the complement properties of the blood serum in relation to tuberculosis using the TC method in tuberculosis. *Trudy TSNIL NGMI* 1:179-184 '66.
- Kishchikov, V. P., and others. - Study of albuminated fluorescence of the blood serum of healthy persons and of those with malignant neoplasms. *Trudy TSNIL NGMI* 1:179-184 '66.

- 1240

581.1 (Continued)

- Chernov, M. M., Vroblevskaya, K. G., Zaitseva, T. A. - Effect of light on adenyl system biosynthesis in etiolated wheat seedlings. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:83-85 '68.
- Orlovskii, A. P. - Phototaxis mechanism. *Priroda* no. 12: 51-52 '68.
- Pushkin, L. A., Rastavina, I. M. - Dependence of the molecular potentials of wheat and bean roots on the interrelationship between potassium and calcium in the nutritive solution. *Dokl. TSKHA* no. 12:63-68 '68.
- Peisakurskii, A. V., Kalichin, A. M. - Effect of chlorophylls on the yield and winter wheat. *Dokl. TSKHA* no. 12:77-80 '68.
- Plavov, V. K., Batrakhina, A. A. - Content of oligosaccharides in grain and the frost resistance of winter crops. *Dokl. AN SSSR* 183 no. 2:474-478 '68.
- Polshov, A. F. - Study of *Corydalis ledebourianae* and *Corydalis glaucescens* Kar. et Kir. for the content of ascorbic acid and carotenes. *Trudy Alma. - Alta. gos. univ. ser. 23:537-538* '68.
- Reich, A. B., and others. - Mathematical description of primary electron transport processes in photosynthesis. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11: 85-97 '68.
- Rosenblum, A. D. - "Short memory" in plants. *Dokl. AN SSSR* 183 no. 2:478-479 '68.
- Savoy, M. T. - Dynamics of intracellular oxygen tension following excitation of *Wittia flexilis* cells. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:120-121 '68.
- Shel', S. E. - Effect of potassium, sodium, calcium and magnesium on the yield and metabolism of sugar beets. *Dokl. TSKHA* no. 12:119-126 '68.
- Shchepetil, B. A. - Trace elements in straw and grain in the east-central and Far Eastern zones of Novosibirsk Province. *Mikroelem. v. SSSR* no. 6:37-41 '68.
- Shim, I. U. G. - Photosynthetic study of female inflorescences of corn as related to the concept of biological clock. *Trudy Kish. sel'khoz. inst.* 45:103-111 '68.
- Torshova, K. K., Peisakurskii, A. V. - Vanadium content in bean crops. *Dokl. TSKHA* no. 12:180-203 '68.
- Vas-Khang, Ch., Tarkova, M. B. - Gibberellin effect on the growth and metabolism in corn with different supply of nitrogen. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:75-79 '68.
- Vorobiov, V. M. - Selection of sorghum parent forms on the basis of their photoperiodic reaction. *Vest. sel'khoz. nauk* 13 no. 11:123-125 '68.

581.1 (471.18) - Volga Province

- Mironov, K. A. - Amino acid composition of the fodder green in Volga Province. *Sov. mosch. inst. Volgod. gos. sel'khoz. opyt. stan.* no. 6:373-380 '67.

581.1 (471.51) - Krasnoyarsk Territory

- Telavol, M. A., and others. - Copper in the soils and plants of Krasnoyarsk Territory. *Mikroelem. v. SSSR* no. 6:11-17 '68.

581.2 Plant diseases, injuries, malformations, pests

- Vodnerovskaya, T. D., Kalashnikov, I. U. A., Krupenin, K. A. - Possible application of tracer techniques for studying plant resistance to viruses. *Trudy Kish. sel'khoz. inst.* 45:34-38 '68.

581.3 (471.55) - Pavlov Province

- Alkashchikov, I. M. - Study of the forms of the fungus *Kyrtetia granulata* D. C. on grasses and cereals in Pavlov Province. *Trudy Veltkoi. sel'khoz. inst.* no. 7:128-133 '67.
- Derevitskii, A. L. - Results of study of ascorbic acid of winter wheat in Pavlov Province. *Trudy Veltkoi. sel'khoz. inst.* no. 7:123-130 '67.

581.3 (471.5) - Ussak S. S. R.

- Aliev, M. B. - Seasonal dynamics of the nematode fauna of corn plant and radical soil. *Mosch. trudy TashGU* no. 30:123-124 '68.
- Strapova, E. E. - Material on the seasonal dynamics of the nematode fauna of cotton plant and radical soil. *Preparatory report. Mosch. trudy TashGU* no. 30:126-127 '68.

581.3 (471.4) - Turkmen S. S. R.

- Talagova, A. T., Kishashova, M. I. - Some data on the nematode fauna of agricultural crops of Turkmenia. *Mosch. trudy TashGU* no. 30:143-145 '68.

581.3 Entomology

- Arkhangel'skaya, E. M. - Some aspects of the biology of flowering of *Faba vulgaris* Moench. *Dokl. TSKHA* no. 12:67-73 '68.
- Belikova, R. L. - Aspects of the formation of the tuber and seeds in the beet. *Trudy Veltkoi. sel'khoz. inst.* no. 7:128-133 '67.
- Krasnova, V. E. - Seed abortiveness in legumes. *Dokl. TSKHA* no. 12:61-64 '68.
- Overlora, V. A. - Transformation of reserve substances in the flower buds of cherry and plum in relation to their winter hardiness. *Vest. sel'khoz. nauk* 13 no. 11:123-125 '68.
- Kashov, V. B. - Relationship between mother and daughter brands in growth process of smaller darkwood (*Larrea minor* L.). *Bot. zhurn.* 53 no. 11:124-125 '68.
- Krasov, A. M., Orlov, V. A. - Effect of soil compaction on seed germination in the vegetation method of study. *Trudy TSKHA* 54:184-181 '68.
- Krasov, I. U. B. - Interrelationship between the vegetative and reproductive parts of the plant in wheat and barley. *Dokl. TSKHA* no. 12:111-116 '68.

- Migul, M. D. - Morphological and physiological features of the pollen of monocotyledonous and dicotyledonous hemp. *Russkoevredstvo* no. 6:82-86 '68.
- Pushchikov, K. M. - Morphological and biological characteristics of pollen of monocotyledonous, watermelons and gourds. *Mosch. trudy TashGU* no. 30:12-14 '68.
- Shchepetil, R. - Abnormal germination in plants. *Mosch. trudy TashGU* no. 30:140-141 '68.
- Shchepetil, R. P. - Effect of seed size on the yield and quality of fiber flax. *Russkoevredstvo* no. 6:80-84 '68.
- Shchepetil, L. L., Shchepetil, K. P. - Embryological study of *Prunus domestica* (L.) Mill. *Sov. mosch. rab. zhurn. opyt. sta. subtrop. i tush. plod. kul't.* no. 7:143-151 '68.

581.3 (471.5) - Ussak S. S. R.

- Nikolova, E. V. - Biology of flowering of the ash in Tashkent. *Mosch. trudy TashGU* no. 30:145-148 '68.

581.4 Morphology

- Arkhangel'skaya, E. M. - Some aspects of the biology of flowering of *Faba vulgaris* Moench. *Dokl. TSKHA* no. 12:67-73 '68.
- Berezina, A. M. - Histological differences of the apical cone in winter and spring wheats. *Dokl. TSKHA* no. 12: 82-97 '68.
- Chepik, F. A. - Bud formation in *Pinus silvestris* L. *Bot. zhurn.* 53 no. 11:127-130 '68.
- Golubeva, L. V. - Dynamics of seed production of trifolium meadow L. and *Stipa pennata* L. populations under different phytocenotic conditions of the meadow steppes. *Bot. zhurn.* 53 no. 11:120-121 '68.
- Kononov, I. U. B. - Interrelationship between the vegetative and reproductive parts of the plant in wheat and barley. *Dokl. TSKHA* no. 12:111-116 '68.
- Malofeev, V. I. - Structural characteristics of the stem and leaf sheath of winter rye sown in two-lined tape and continuous rows. *Bot. zhurn.* 53 no. 11:122-127 '68.
- Mashkov, V. I. - Aspects of the structure of the root system in different sorts of aromatic oil producing roses. *Russkoevredstvo* no. 6:120-124 '68.
- Mikhailovskaya, L. B. - Diversity of roots in taproot leguminous plants and their anatomical structure. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:75-79 '68.
- Molchan, I. M. - Sexual differences in the generative organs and heterosis in plants. *Dokl. TSKHA* no. 12: 88-92 '68.
- Pushchikov, K. M. - Morphological and biological characteristics of pollen of monocotyledonous, watermelons and gourds. *Mosch. trudy TashGU* no. 30:12-14 '68.
- Shchepetil, V. M. - Cultural and morphological characteristics of dermatophytes of the genus *Microporum*. *Trudy GIDUV* no. 4:148-150 '64.
- Barov, T. G. - Relationship between *Aconitum* Boiss. and *Aegialia* R. Br. (*Pharmingosaceae* Juss.). *Vest. Mosk. un. Ser. 6:120-121, pochv.* 21 no. 6:72-73 '68.

581.5 Ecology

- Foka, M. - Effect of physical and chemical factors on the increase of winter resistance of grape seedlings. *Trudy Kish. sel'khoz. inst.* 45:126-129 '68.
- Orlov, I. U. D. - Change in the floral flora of Leningrad Province during the last 100 years. *Bot. zhurn.* 53 no. 11:128-129 '68.
- Shchepetil, R. - Abnormal germination in plants. *Mosch. trudy TashGU* no. 30:140-141 '68.

581.5 (471.55) - Asian rivers

- Rodionovskaya, M. M. - Characteristics of the development of vegetation of the Ob' floodplain in the taima zone. *Vest. LGU* 33 no. 3:127-134 '68.

581.5 (471.55) - Federal Republic of Germany

- Korobagin, A. A., Korobakovich, P. L., Matveeva, M. P. - Symposium on vegetation dynamics in the German Federal Republic (March 10-12, 1967). *Bot. zhurn.* 53 no. 11: 128-129 '68.

581.5 (471.55) - Poland

- Krasnarski, A. - Living monument of friendship of many centuries. *Priroda* no. 12:75 '68.

581.5 (471.55) - Kazakh Province

- Golubeva, L. V. - Dynamics of seed production of trifolium L. and *Stipa pennata* L. populations under different phytocenotic conditions of the meadow steppes. *Bot. zhurn.* 53 no. 11:120-121 '68.

581.5 (471.5) - Ural regions

- Kulagin, I. U. - Macrotopography of Ural. *Bot. zhurn.* 53 no. 11:123-124 '68.

581.5 (471.57) - Dagestan A. S. S. R.

- Molodtsov, P. P. - Floodplain forests of the Terek Valley in lower Dagestan. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 12:84-86 '68.

- Stroganova, M. M., Fedorov, K. M. - Chemical composition of natural phytocenoses of the Terek Delta and their relation to the structure of soil cover. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:88-118 '68.

581.5 (471.57) - Ukrainian S. S. R.

- Kalishchuk, A. A. - Characteristics of the vegetation of woody plants from the Far East in the Ukraine. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:75-79 '68.

581.5 (471.57) - Caucasus and Transcaucasia

- Makharishvili, G. Sh. - Brief ecophysiological and phytocenological characteristics of some edification of the subalpine vegetation in the Central Caucasus. *Bot. zhurn.* 53 no. 11:123-124 '68.

581.5 (471.57) - Tynnen' Province

- Boldatskaya, I. P. - Effect of birchwood on the temperature, humidity, and thawing of the soils in the Selkhard region. *Vest. Mosk. un. Ser. 6:120-121, pochv.* 21 no. 6: 52-53 '68.

581.5 (471.57) - Taymyr National Area

- Matveeva, M. V. - Characteristics of the vegetation structure of main tundra types in the central Pyasina Valley (western Taymyr). *Bot. zhurn.* 53 no. 11:122-123 '68.

581.5 (471.57) - Soviet Far East

- Deira, L. P. - Northern range of the distribution of some natural flora species in the Zeya basin. *Mosch. dokl. vye. shkoly, biol. nauk* 11 no. 11:74-77 '68.

581.5 (471.57) - Ussak S. S. R.

- Adakova, I. - Changes in the vegetation in alluvial plains of the Khovuzskaya Oula. *Mosch. trudy TashGU* no. 30:1 68-75 '68.

581.5 Economic or applied botany

581.5 (471.57) - Asia U. S. S. R.

- Khalifa, S. A. - Siberian pine. *Priroda* no. 11:85-86 '68.

581.5 Plant anatomy

- Berezina, A. M. - Histological differences of the apical cone in winter and spring wheats. *Dokl. TSKHA* no. 12: 82-97 '68.
- Peisakurskii, A. V., Malofeev, V. I. - Histological characteristics of the generative organs of hard and soft winter wheat. *Dokl. TSKHA* no. 12:107-109 '68.
- Mashkov, P. H., Korobakovich, N. K. - Characteristics of phloem elements in different sections of the aspect (*Populus tremula* L.) trunk. *Bot. zhurn.* 53 no. 11:122-123 '68.

581.5 Phytogeography

- Rodionovskaya, M. M., Rodionovskaya, L. T. - Fossil subarctic and microclima of faeces during storage. *Trudy TSKHA* no. 12, pt. 1:106-111 '67.

581.5 (471.57) - Ural regions

- Arkhangel'skaya, E. M. - Brief history of Soviet studies on the physical geography of the Ural. *Dokl. AN SSSR, Uch. zap. Ser. 6:120-121, pochv.* 21 no. 6:72-73 '68.

581.5 (471.57) - Lithuanian S. S. R.

- Lisnaitis-Klisa, B. P. - Distribution and ecology of *Trisetum strictum* Rostk. in the Lithuanian S. S. R. *Bot. zhurn.* 53 no. 11:123-124 '68.

581.5 (471.57) - Georgian S. S. R.

- Makharishvili, M. M. and others. - Nikolai Mikheevich Katskhovskii on his 70th birthday. *Bot. zhurn.* 53 no. 11: 124-127 '68.

581.5 (471.57) - Central Asia

- Belikov, A. A., Korobakovich, N. K., Makharishvili, M. M. - Alexander Ivanovich Fedonkin on his 70th birthday. *Bot. zhurn.* 53 no. 11:124-127 '68.

581.5 (471.57) - Arctic and North Polar regions

- Dorogovskaya, M. V. - Macrotopography of the Far North of the U. S. S. R. *Bot. zhurn.* 53 no. 11:123-124 '68.

581.5 Plant taxonomy

- Beck, T. D. - Flavonoids of green anemone. *Farmaceut. zhurn.* 31 no. 6:38-41 '68.
- Makharishvili, M. M., Korobakovich, N. K., Baryshnikov, I. U. B. - Chemical study of the roots of *Symphoricarpos* officinalis L. *Farmaceut. zhurn.* 31 no. 6:42-43 '68.
- Makharishvili, M. M., Korobakovich, N. K. - Changes of the content of different forms of nitrogen in some mosses and slightly petrified peats on a storage in self-heating peat carriers. *Vest. AN SSSR, Ser. khim. nauk.* no. 4:91-94 '68.
- Prizhva, R. M. - Spectrophotometric determination of papaverine hydrochloride in "Painexin" tablets. *Farmaceut. zhurn.* 31 no. 6:44-45 '68.
- Barov, T. G. - Relationship between *Aconitum* Boiss. and *Aegialia* R. Br. (*Pharmingosaceae* Juss.). *Vest. Mosk. un. Ser. 6:120-121, pochv.* 21 no. 6:72-73 '68.

581.5 (471.57) - Soviet Far East

- Orlovskaya, G. M. - Geography of dwarf birches of the Far East. *Vest. Mosk. un. Ser. 6:120-121, pochv.* 21 no. 6:32-33 '68.

581.5 Spore plants

- Abashvili, M. G. - Universal laws. *Trudy GIDUV* no. 4: 143-144 '64.
- Alieva, V. D. - Isolation of yeastlike fungi of the *Trichosporon* genus from the soil. *Trudy GIDUV* no. 4: 144-147 '64.
- Alieva, V. D. - Uptake of fat by yeastlike fungi of the genus *Trichosporon*. *Trudy GIDUV* no. 4:148-149 '64.
- Aravitskii, A. M., Chalimova, R. A. - Ecology, pathogenesis, and principles of the treatment of onychomycosis. *Trudy GIDUV* no. 4:150-151 '64.
- Basyuk, A. P. - Clinical data on mycosis caused by *Trichosporon rubrum*. *Trudy GIDUV* no. 4:152-153 '64.
- Bel'vachter, L. A. - Characteristics of vascular disorders in mycosis of the feet in children. *Trudy GIDUV* no. 4: 154-156 '64.

352.2. (Continued)

100.1. A. L. Comparative characterization of antigens from a complement fixation test, obtained from *Trichophyton trichophyllum*, *Microsporum canis*, and *Trichophyton dermatitidis*. Trudy GIDUV no. 41, 82-86 '64.

100.2. A. L. Comparative evaluation of allergenic properties of various compounds from stimulants of *Trichophyton trichophyllum*, and *Microsporum canis*. Trudy GIDUV no. 41, 97-101 '64.

100.3. I. A., Baginskiy, N. L. - Three new moss pseudosclerite species from eastern Georgia. Sobr. AN SSSR, 51 no. 3, 193-194 '63.

100.4. D. L. - Two cases of candidiasis in bores tuberculous. Probl. zh. 43 no. 8, 844-83 '66.

100.5. A. N., Aleeva, V. D. - Effect of some factors on yeastlike fungi of the *Geotrichum* genus. Trudy GIDUV no. 41, 202-204 '64.

100.6. A. N., Aleeva, V. D. - Yeastlike fungi in new act of bathhouses and their properties. Trudy GIDUV no. 41, 7-20 '64.

100.7. Korman, O. A. - Spectrophotometric characterization of pigments of different variants of *Rhodospirillum rubrum* (Epidermophyton and Epidermophyton purpureum) (Trichophyton). Trudy GIDUV no. 41, 248-252 '64.

100.8. G. K., V. K. - Amino-acid nutrition of oralerform trichophytes. Trudy GIDUV no. 41, 23-28 '64.

100.9. G. K., V. K. - Urease activity of oralerform trichophytes. Trudy GIDUV no. 41, 30-32 '64.

100.10. G. K., V. K., Shtik, V. N. - Using the Crapo-Dax culture medium in the characterization of some dermatophytes. Trudy GIDUV no. 41, 33-37 '64.

100.11. R. V. - Experiment in cultivating the pathogenic Aspergillus species *Aspergillus Aspergillus* and *Aspergillus Aspergillus*. Vest. Mosk. univ. Ser. 6 Biol., pochr. 71 no. 6, 74-83, 8-9 '68.

100.12. K. K., Kostina, A., Pappal, E. - Fractionation of amylolytic enzymes of fungus *Aspergillus awamori*. Trudy TPI Ser. A no. 303, 71-79 '68.

100.13. K. K., P. P., Shukhova, N. A. - Immunochemical analysis of the Candida albicans antigen. Trudy GIDUV no. 41, 85-88 '64.

100.14. K. K., P. P. - Ways of further studies in the field of dermatomycosis. Trudy GIDUV no. 41, 7-18 '64.

100.15. K. K., P. P., Karmay, I. M. - New method media for the cultivation of dermatophytes. Trudy GIDUV no. 41, 35-44 '64.

100.16. K. K., O. K. - Effect of nystatin and amphotericin B on the course of experimental generalized candidiasis in rabbits. Trudy GIDUV no. 41, 123-125 '64.

100.17. K. K., O. K. - Effect of radiation sickness and cortisone on the course of candidiasis. Trudy GIDUV no. 41, 124-126 '64.

100.18. K. K., O. K. - Effect of some forms of vitaminosis and hyperglycemic conditions on the pathomorphological changes in experimental candidiasis. Trudy GIDUV no. 41, 174-176 '64.

100.19. K. K., O. K. - Pathomorphological characteristics of experimental generalized candidiasis. Trudy GIDUV no. 41, 176-178 '64.

100.20. K. K., D. A. - Protection of fish gills and chaffy ground, based on it, from molds. Mesch. chel. yss. sbornik, Mosk. univ. no. 12, 114-120 '68.

100.21. K. K., D. A. - Histologic and pathologic correlations between epidermophytosis and some lesions of the large blood vessels of the legs. Trudy GIDUV no. 41, 24-32 '64.

100.22. K. K., D. A. - Experimental epidermophytosis. Trudy GIDUV no. 41, 135-141 '64.

100.23. Prokhorova, M. G. - Effect of blood serum, saliva, and human sebum on yeastlike fungi of the *Candida* genus. Report No. 1. Trudy GIDUV no. 41, 213-218 '64.

100.24. Prokhorova, M. G. - Effect of human intestinal and vaginal flora on yeastlike fungi of the *Candida* genus. Trudy GIDUV no. 41, 218-224 '64.

100.25. A. A. - Experiments in the treatment of candidiasis with nystatin. Trudy GIDUV no. 41, 142-143 '64.

100.26. A. A. - Role of yeastlike fungi in the etiology of chronic candidiasis. Trudy GIDUV no. 41, 144-146 '64.

100.27. V. N. - Cultural and morphological characteristics of dermatophytes of the genus *Microsporum*. Trudy GIDUV no. 41, 44-56 '64.

100.28. V. N. - Method of cultivating dermatophyte cultures in the study of their developmental history, using time-lapse microscopy. Trudy GIDUV no. 41, 57-58 '64.

100.29. V. N. - Uptake of carbon and nitrogen nutrition of different sources by dermatophytes of the genus *Microsporum*. Trudy GIDUV no. 41, 58-61 '64.

100.30. V. A. - Evaluation of polysaccharide antigens obtained by various methods from yeastlike fungi. Trudy GIDUV no. 41, 63-70 '64.

100.31. A. A. - Immunogenic properties and antigenic characteristics of some yeastlike fungi. Trudy GIDUV no. 41, 71-78 '64.

100.32. E. L., Karyagina, I. V. - Structural characteristics of the development of polysaccharide-tuberculate forms of corn smut caused by *Ustilago maydis* (DC.) Cda. Bot. Zhur. 83 no. 11, 1617-1621 '68.

100.33. E. L., Karyagina, I. A. - Species identification and physiological features of the proanthracenol of *Ustilago maydis* and *Ustilago maydis*. Dokl. TSKNA no. 123-124-126 '68.

100.34. I. A. - Mycological diagnosis of chromomycosis. Trudy GIDUV no. 41, 156-158 '64.

Abdrazizov, Kh. A., Ibragimov, S. I. U. - Study of the alkaloids of *Opuntia triacanthos*, *Nerolans tasica*, *M. Kricfalvi* and *M. boottii* alkaloids. Khim. prirod. soed. 3 no. 1164-68 '67.

Bendishkova, V. A. - Content of quercetinrithrine in some species of *Ceanothus*. Khim. prirod. soed. 3 no. 1186-87 '67.

Bendishkova, V. A., Khalimatov, Kh. Kh. - Isolation of acetylcholine from *Ceanothus depressus*. Khim. prirod. soed. 3 no. 1187-88 '67.

Belova, N. V., Shabanovich, I. E. - Triterpenes in the plants of *Eriosema*. Khim. prirod. soed. 3 no. 1182 '67.

Borovskoy, A. V., Belova, M. V. - Ursolic acid in some plants. Khim. prirod. soed. 3 no. 1183-83 '67.

Brulov, L. I., Masagutov, P. S. - New alkaloids of *Delphinium*. Khim. prirod. soed. 3 no. 1181-23 '67.

Bukharov, V. G., Kariba, V. V., Taim, V. A. - Triterpenes glycosides of *Patrinia intermedia*. Khim. prirod. soed. 3 no. 1177-81 '67.

Berislavskii, I. Sh., Kosolovskaya, N. F. - Compounds of the roots of *Nerolans entelium*. Khim. prirod. soed. 3 no. 1185 '67.

Chepik, F. A. - Bud formation in *Pinus silvestris* L. Bol. shch. 59 no. 1111827-1830 M '65.

Chumakov, T. K., Nagibakh, G. M. - Anthocyanins of the seeds of *Rhusus tataricum*. Part. 2. Khim. prirod. soed. 3 no. 1184-90 '67.

El'sayevskiy, A. G. - Notes on veronals of the section *Veronalyshchik* C. Kozh. - Mashch. dokl. vyz. shkoly; bol. nashch. 11 no. 11164-68 '66.

Fedorov, M. L., Rabinovich, M. S. - Effect of root rhizome on the respiration intensity and oxidative enzymic activity in plants. Mashch. dokl. vyz. shkoly; bol. nashch. 11 no. 11247-52 '68.

Ibragimov, S., Muridzov, R. N., Ibragimov, S. I. U. - Alkaloids of *Leontice Albarthii*. Khim. prirod. soed. 3 no. 1184-31 '67.

Ibragimov, M. A., Akramov, A. T., Ibragimov, S. I. U. - Composition of ramarine. Khim. prirod. soed. 3 no. 1185-90 '67.

Ibragimov, I. V. - Life form of *Rhusus hamatilis* C. A. Mey. Mashch. dokl. vyz. shkoly; bol. nashch. 11 no. 11240-43 '68.

Kashchenko, M. A., Ibragimov, P. Kh., Ibragimov, S. I. U. - Composition of vincetristine. Khim. prirod. soed. 3 no. 1185-86 '67.

Karabanov, D., Sidikova, G. P., Ibragimov, S. I. U. - Study of the alkaloids of *Haplophyllum ramosissimum*. Khim. prirod. soed. 3 no. 1187 '67.

Lifshitsko, V. I., Kovalev, I. P. - Glycosides of *Glycyrrhiza glabra*. Part 2. *Depressum* and *viridula*. Khim. prirod. soed. 3 no. 1184-87 '67.

Makhmedova, B., Pakizova, E. P., Sedikov, A. S. - Flavonoids of *Malvaceae*. Khim. prirod. soed. 3 no. 1114 '67.

Makhmedova, Kh. S., Akramov, A. T., Ibragimov, S. I. U. - Heterocyclics from the seeds of *Prunus pashkaria*. Khim. prirod. soed. 3 no. 1170 '67.

Mizrafov, I. P., Guseinova, A. I., Muridzov, A. L. - Study of the composition of oil in *Truncatellus truncatellus* seeds (*Poleosilla truncatella*). Osh. khim. shch. 10 no. 334-34 '66.

Orodov, I. U. S., and others. - Glycosides of *Eleutherococcus senticosus*. Part 2. Composition of eleutheroalkoids A, B, C, and D. Khim. prirod. soed. 3 no. 1183-84 '67.

Palakova, Kh. G., Jemellov, Z. P., Ibragimov, S. I. U. - Composition of *Salicetina*. Khim. prirod. soed. 3 no. 1187-88 '67.

Rasakov, R. and others. - Mass-spectrometric study of isoprenyl acetate and hippuric acid alkaloids. Khim. prirod. soed. 3 no. 1183-84 '67.

Romanova, A. S., Tarasov, M. V., Barukovskii, A. I. - Depressum of alkaloids from *Opuntia obtusiloba* and *Echinum rubrum*. Khim. prirod. soed. 3 no. 1171 '67.

Semykina, V. A. - Early angiosperms within the territory of the Soviet Union (based on the study of leaves and fruits). Bol. shch. 52 no. 1111817-1830 M '68.

Shchukh, E. M., Barukovskii, A. I., Pankova, V. A. - Nature of diene diol from the resin of *Larix sibirica*. Khim. prirod. soed. 3 no. 1181-82 '67.

To octoic lovers. Priroda no. 12:1160-11 '68.

Zorin, K. B., Ibragimov, G. K., Pak, G. I. U. - Acetylcholine, a new natural pyranocoumarin. Khim. prirod. soed. 3 no. 1157-7 '67.

525. (496)—*Arolii* and North Polar regions
Nurisev, Z. A., Kiseleva, P. G. — Polyphid series and
taxonomy based on the analysis of some groups of *Arolii*
(leguminous plants). Bot. zhurn. 63 no. 11:1851-1843
M 1968.

001 General zoology, Animal biology

Ashmarin, L.P., Mikheev, Z.B. - Activity of RNA-dependent RNA nucleotidyltransferase in some tissues and organs of a developing chick embryo. Dokl. akad. nauk SSSR, 4 no. 2, 108-110 Mr.-Ap '88.

1. Inhibition is spinal cord of killing. Dear, vol. 100, 1910, 2 no. 4:353-368 J7-Ag '08.

591.1 (Continued)

- Ved'kov, P. P., A. I. Kozlov, L. Kh. - Functional significance and interaction of limbic structures in rabbit brain. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:480-490 8-O '66.
- Velikii, I. G. - Effect of time factor on lactation reflex in cows. *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 12: 95-102 '66.
- Veselkin, M. P. - Visual projections in amphibian brain. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:473-479 8-O '66.
- Vorob'ev, V. I. - Cobalt and copper metabolism in growing sheep in cobalt and copper deficiency, and the effect of supplementary feedings of these trace elements on some economic indices in sheep. *Microelem. v zh. na. 6:99-104 '68.*

591.3 Embryology

- Frustov, V. B., and others. - Adenosine triphosphatase in embryonal development of ectodermis, mesoderm, and amphibians. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:234-238 My-Je '68.
- Kirillov, S. A., Anisimov, M. M. - Copper, iron, phosphorus, and nitrogen content in cardiac tissues of sheep in the process of embryogeny. *Microelem. v zh. na. 6:88-92 '68.*
- Kozlov, A. A., Ignatieva, G. M. - Relationship between the processes of kary- and cytogenetic during synchronous cleavage divisions in *Megurina fossilis* L. *Dokl. AN SSSR* 183 no. 3:490-492 '68.
- Isakov, T. B. - Free cholesterol, its esters and 7(α)-hydroxycholesterol in tissues of hen embryos. *Zhur. evol. biokhim. i fiziol.* 2 no. 4:294-298 Ji-Ag '66.
- Mitrova, E. T. - Age-related dynamics of the content of copper, zinc and manganese in chicken embryos. *Microelem. v zh. na. 6:93-98 '68.*
- Murman, L. S., Iuravskii, I. U. G. - Characteristics of mitochondrial regulation of glycolysis in embryogenesis of anemone fishes. *Zhur. evol. biokhim. i fiziol.* 2 no. 5:414-418 8-O '68.
- Murkin, V. O., Ruzhantsev, P. P. - DNA synthesis in postnatal histogenesis of the myocardium following irradiation, hypertrophy and regeneration (a cytophotometric and autoradiographic analysis). *Tsitologia* 10 no. 8:604-628 Ag '68.
- Murkin, V. O., Ruzhantsev, P. P. - Protein synthesis in the embryonic development of sea urchins following irradiation of nuclei. *Dokl. AN SSSR* 183 no. 3:403-406 '68.
- Pertseva, M. N. - Certain properties of muscle hemokines in ontogenesis of sea. *Zhur. evol. biokhim. i fiziol.* 2 no. 5:479-482 8-O '68.
- Prakofeva, M. G. - Some characteristics of the respiration of insect soil larvae. *Zool. zhurn.* 47 no. 11:1848-1858 M '68.

591.4 Anatomy

- Barikert, H. V., Kabanikina, M. L., Kudriashov, I. U. B. - Effect of autolysis and oxidation on toxic properties of the liver lipids of rabbits. *Vest. Mosk. un. Ser. Biol. i med.* 31 no. 5:118-122 M-D '68.
- Dmitriyev, N. P. - Submicroscopical structural changes in mitochondria of thyroid gland cells following hyperplasia and malignancy. *Tsitologia* 10 no. 8:633-636 Ag '68.
- Isakov, V. P. - Ultrastructural organization of chemoreceptive neuronal somatites of the beetle *Acanthosoma*. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:463-476 8-O '68.
- Korotkov, A. V. - Viscerous of the blood vessels and valve apparatus in the veins of the heel in the mouse. *Trudy VNIIO. sel'skokhoz. inst.* no. 7:304-308 '67.
- Korotkov, A. V. - Veins and their valves in the heels of sheep. *Trudy VNIIO. sel'skokhoz. inst.* no. 7:348-353 '67.
- Seol, M., Truuppid, A. - Diurnal changes in the activity of some dehydrogenases in the rat adrenal cortex. *Tsitologia* 10 no. 8:1084-1087 Ag '68.
- Martynova, N. A. - Adaptive characteristics of the development of the retina in some Passeriformes. *Zool. zhurn.* 47 no. 11:1874-1882 M '68.
- Sharypov, V. P., Bolshakov, V. P. - Seasonal change in hair cover of a sable. *Zool. zhurn.* 47 no. 11:1723-1734 M '68.
- Murkin, V. O., Ruzhantsev, P. P. - DNA synthesis in postnatal histogenesis of the myocardium following irradiation, hypertrophy and regeneration in cytophotometric and autoradiographic analysis. *Tsitologia* 10 no. 8:604-628 Ag '68.
- Martynova, M. V. - Studies on hypothalamo-cortical connections in rabbits. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:187-194 Mr-Ap '68.
- Bagida, G. V. - Structure of the nervous system of *Acanthosoma* galli. *Zool. zhurn.* 47 no. 11:1719-1722 M '68.
- Perezova, L. M. - Morphophysiological characteristics of earthworms (*Lumbricidae*, *Oligochaeta*) cuticles as related to their way of life. *Zool. zhurn.* 47 no. 11:1821-1827 M '68.
- Sherepova, V. S. - Automatic activity of sympathetic ganglia in ontogenesis of rabbits. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:188-188 Mr-Ap '68.

591.5 Ecology

- Alimskaya, L. Kh., Kary, L. K., Melnikova, L. B. - Effect of neurotrophins and antidepressants on behavioral reactions evoked by electric stimulation of limbic cerebral structures. *Sovrem. psichotrop. sred.* no. 3:73-87 '67.
- Dobzhansky, A. D., and others. - Seasonal changes of ascorbic acid and ascorbic acid in rodents. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:137-144 Mr-Ap '68.

- Chernavskii, P. B. - Mystery of learning cycles. *Psichol. no. 12:45-48 '68.*
- Davdova, G. M. - Oxidative phosphorylation in skeletal muscles of ground squirrel during hibernation and artificial deep hypothermia. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:428-437 8-O '68.
- L'vov, V. I. U., Karashev, E. V. - Study of daily migration of *Microtus oeconomus* Pall. by radioactive labeling method. *Zool. zhurn.* 47 no. 11:1701-1708 M '68.
- Martov, B. Janova, V. - Biology of the mouse (*Peromyscus leucopus*) according to observations in captivity. *Zool. zhurn.* 47 no. 11:1689-1694 M '68.
- Mel'nikov, V. M. - Characteristics of some methods for determining the natural illumination of bodies of water. *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 12: 141-146 '68.
- Mel'nikov, V. V. - Modeling relationships between fish populations in the competition for food. *Zool. zhurn.* 47 no. 11:1647-1652 M '68.
- Parfirov, V. V. - Sedimentation rate of erythrocytes as a reflection of seasonal variations in physiological activity of some vertebrates. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:143-153 Mr-Ap '68.
- Semenova, L. M. - Morphophysiological characteristics of earthworms (*Lumbricidae*, *Oligochaeta*) cuticles as related to their way of life. *Zool. zhurn.* 47 no. 11:1821-1827 M '68.
- Smolin, G. E. - The Second All-Union Conference on Ecological Physiology of Fishes. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:403-403 8-O '68.
- Tatarskiy, M. M. - Relationship between the distribution of sperm whale males and the nature of their feeding habits. *Zool. zhurn.* 47 no. 11:1633-1638 M '68.
- Tshetkov, M. L. - Ecology, distribution and heat resistance of *Thalassidroma* (*Amphipoda*, *Decapoda*) in Kamchatka Bay. *Zool. zhurn.* 47 no. 11:1830-1847 M '68.
- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

591.5 (288)—Lakes, ponds, etc.

- Bondarevskii, M. F. - Spring and summer zooplankton in Sos-Kul' Lake (Tien Shan). *Nauch. trudy TashOU* no. 30:147-157 '68.

591.5 (378.3)—Killing S. & R.

- Bondarevskii, M. F. - Spring and summer zooplankton in Sos-Kul' Lake (Tien Shan). *Nauch. trudy TashOU* no. 30:147-157 '68.

591.6 Economic zoology

- Bashina, L. I. - Methods of cultivating marine pelagic Copepoda under laboratory conditions. *Zool. zhurn.* 47 no. 11:1713-1718 M '68.

591.6 Animal biology

- Dmitriyev, A. V. - Histogenesis of neurone sensory cells of the paraventricular nucleus of the hypothalamus in *Peking ducks*. *Dokl. AN SSSR* 183 no. 3:462-465 '68.
- Spits, A. E. - "Inhibited" form of messenger ribonucleic acid. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:286-292 Ji-Ag '68.
- Smolin, G. E., Bregvalds, I. A. - Structural characteristics of macroglial cells of the rat cerebral cortex in tissue culture. *Tsitologia* 10 no. 8:1038-1040 Ag '68.
- Ushakov, B. S., Pivovarov, B. V., Lavikov, V. V. - Morphology of lymphoid cells cultivated on membrane filters. *Tsitologia* 10 no. 8:1043-1047 Ag '68.

591.8 Zoogeography

- Artchakov, M. P. - Brief history of Soviet studies on the physical geography of the Urals. *Dokl. na sess. Uch. sov. Sverd. obl. nauch. russ.* no. 3:91-100 '60.

598 Invertebrates

- Orlovskiy, E. N. - Larval anatomy of *Modiolus* mollusca and characteristics of its irritability. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:463-466 8-O '68.
- Ukha, A. L., Melnikova, G. V. - Additional data on time needed for the genetic adaptation of ascidians in heterozygotes in ascidians. *Tsitologia* 10 no. 8:1048-1053 Ag '68.
- Khokhlov, I. M. - New information on the distribution of *Baculus* (*Oxyura*) near Moscow (Moscow, *Oxyura*). *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 11:7-8 '68.
- Soplov, V. A. - Hereditary destabilizing of thermoresistance in ascidians. *Tsitologia* 10 no. 8:1054-1058 Ag '68.

598 (303.3)—Black Sea

- Dolgikh, A. V. - Mollusk helminths in the northern part of the Black Sea. *Biol. zhurn.* no. 14:14-18 '68.
- Kalish, V. M. - Protozoa parasitizing on fishes of the Black Sea. *Biol. zhurn.* no. 14:42-45 '68.

598 (40)—Antarctica. South Polar regions

- Masia, K. M., Propp, M. V. - Large-scale ecology of Antarctica. *Psichol. no. 12:45-48 '68.*

598 Arthropoda. Vectors. Arthropods

- Andreeva, G. A. - Helicoverpa and nutrition of *Agrotis* species L. and *Agrotis* gurgistanensis Fald. larvae. *Vest. sel'skokhoz. nauch. inst.* no. 11:30-34 M '68.

- Balash, B. P. - Role of the *Dermoxer* (*Helicoverpa* *hominis*) mite in pathology of the human skin. *Vest. derm. i ven.* 30 no. 7:31-36 Ji '68.

- Chernova, M. M. - Small Arthropoda in the composition of urban refuse. *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 11:18-18 '68.

- Dellamare, S. L. - Study of helminths of marine mammals of the world ocean conducted by the Zoology Department of the Crimea Teachers' Institute from 1958 to 1965. *Biol. zhurn.* no. 14:14-14 '68.

- Dolgikh, A. V., Malenova, M. M. - Some comments on trematodes of the family *Gorgoderidae* Loom. 1801 with the description of a new species. *Zool. zhurn.* 47 no. 11:177-178 M '68.

- Dolgikh, A. V. - Some characteristics of the biology of caracaras of *Baculus* (*Oxyura*) (*Decapoda*, *Decapoda*). *Biol. zhurn.* no. 14:137-138 '68.

- Orlovskiy, T. M. - Karyologic study of the natural *Wilhelmia* equina population. *Tsitologia* 10 no. 8: 1043-1047 Ag '68.

- Prasov, V. P. - Ultrastructural organization of chemoreceptive neuronal somatites of the beetle *Acanthosoma*. *Zhur. evol. biokhim. i fiziol.* 3 no. 5:463-476 8-O '68.

- Argis, V. A. - Developmental cycle in *Peromyscus* *leucopus* (Loom., 1800) (*Mammalia*, *Acari*). *Parazitologiya* 1 no. 3:263-268 My-Je '67.

- Korotkov, E. V. - New mite species of the genus *Aliphia* (*Parasitiformes*, *Gamasoidea*). *Zool. zhurn.* 47 no. 11:1730-1730 M '68.

- Krikhschala, K. B., Lashin, P. - Mollusk distribution in the body of *Dugesia* (*Utricle*) and the possibility of the development of its fragments isolated from different body sections. *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 12:7-12 '68.

- Mandel'shtam, I. U. K., Bakhtia, A. A. - Effluent activity of metathoracic ganglion motoneurons of the house *Locusta* *migratoria*. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:277-280 My-Je '68.

- Martynova, A. M. - Multiple perforations of the small intestine and the sigmoid, caused by *Acanthosoma*. *Klin. zhurn.* no. 10:90 '64.

- Prasov, V. A. - Chemical composition of the body of the *Dugesia* (*Utricle*) depending on different conditions of their feeding on animals. *Trudy VNIIO. sel'skokhoz. inst.* no. 7:343-348 '67.

- Prasov, V. A. - Host-parasite specificity in *Dugesia* (*Utricle*). *Trudy VNIIO. sel'skokhoz. inst.* no. 7:338-343 '67.

- Petrova, M. A., Lashin, P. P. - Feasibility of isolation in planktonic crustaceans. *Nauch. dokl. vys. shkoly; Biol. nauk* 11 no. 11:9-11 '68.

- Prokofeva, M. G. - Some characteristics of the respiration of insect soil larvae. *Zool. zhurn.* 47 no. 11:1848-1858 M '68.

- Rafilova, V. M., Alekseev, A. M. - Susceptibility of sand flies to various leishmaniasis strains. *Parazitologiya* 1 no. 3:104-106 My-Je '67.

- Bashina, L. I. - Methods of cultivating marine pelagic Copepoda under laboratory conditions. *Zool. zhurn.* 47 no. 11:1713-1718 M '68.

- Bagida, G. V. - Structure of the nervous system of *Acanthosoma* galli. *Zool. zhurn.* 47 no. 11:1719-1722 M '68.

- Semenova, L. M. - Morphophysiological characteristics of earthworms (*Lumbricidae*, *Oligochaeta*) cuticles as related to their way of life. *Zool. zhurn.* 47 no. 11:1821-1827 M '68.

- Smolin, G. E., Bregvalds, I. A. - Morphology of the 1st stage larva of *Thalassidroma* (*Amphipoda*, *Decapoda*). *Parazitologiya* 1 no. 3: 263-268 My-Je '67.

- Smirnovskiy, B. G. - Field ground beetles and their economic significance. *Trudy VNIIO. sel'skokhoz. inst.* no. 7:189-197 '67.

- Seol, L. M. - Effect of helminth invasion on the allergic reorganization of the body in children vaccinated against tuberculosis. *Probl. tub.* 43 no. 8:79-80 '68.

- Spits, A. E., Kabanikina, M. L. - Central transformation of impulses coming from head receptors to the neurons of wing muscles in a locust. *Dokl. AN SSSR* 183 no. 3: 488-488 '68.

- Vlasov, A. E. - Irradiation due to Maelstrom's diversion and accretion. *Klin. zhurn.* no. 10:92-93 '64.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

- Zakharov, A. A. - Some problems of colonial life in ants *Formica* s. str. (*Hymenoptera*, *Formicidae*). *Zool. zhurn.* 47 no. 11:1810-1817 M '68.

592 (202.5) (Continued)

Korotkiy, A.A. - Effect of age and food composition on helminths of *Trachurus mediterraneus ponticus* Aleev. Biol. mor. no. 14 47-53 '68.

595 (203) - Pacific Ocean

Gaptsov, M.V. - Description and functional morphology of *Megapocina pleurospira* sp. n. from the Pacific Ocean and the position of the genus *Megapocina* in the system of families of the group *Siphonostoma* (Copepoda, Cyclopoida). Zool. zhur. 47 no. 11:1678-1679 N '68.

Trakht, M.V., Teshchey, V.V., Serdyukov, A.M. - Materials on helminths of *Pinnipedia* of Bering and Okhotsk Seas. Biol. mor. no. 14 38-40 '68.

595 (207.5) - Red Sea

Murina, V.V. - New species of *Sipunculids* of the Red Sea. Zool. zhur. 47 no. 11:1722-1725 N '68.

595 (208) - Arctic Ocean

Trakht, M.V., Serdyukov, A.M. - Trichinellid problem in the Arctic. Biol. mor. no. 14 35-37 '68.

Teshchey, M.L. - Ecology, distribution and host resistance of littoral gammarids (Amphipoda, Gammaridae) in the Kara Sea. Zool. zhur. 47 no. 11:1629-1647 N '68.

595 (471.20) - Pskov Province

Malysina, I.A. - Spinach leaf miners in the southwestern part of Pskov Province and the optimum times for controlling them. Trudy Vsesoyuz. nauch. inst. no. 174-181 '67.

Shumakov, B.G. - Click beetles in the southern zone of Pskov Province and measures for their control. Trudy Vsesoyuz. nauch. inst. no. 174-181 '67.

595 (471.40) - Volgograd Province

Vishnitskaya, V.P., Ogorova, T.V. - Occurrence of *Calanoida aquae dulcis* Krith (Copepoda, Calanoida) in Volgograd Province. Zool. zhur. 47 no. 11:1726-1727 N '68.

595 (471.60) - Krasnodar Territory

Kabanov, V.A. - Biology of *Malinotus fuscipes* Hyll. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 12:13-17 '68.

595 (474.3) - Estuaries S. S. R.

Kent, I.A. - *Hippocampus* (Hippocampus) in the estuaries of the Volga. Trudy Vsesoyuz. nauch. inst. no. 174-181 '67.

595 (475.22) - Georgian S. S. R.

Dzhambazashvili, I.A. - Contributions to the study of *Scaphiophaga* (Copepoda) of the Black-Elbrus (Georgian S. S. R.). Zool. AN Gruz. SSR 51 no. 3:719-724 '68.

Khachik, I.A., Bogdanov, M.L. - Three new moss nematode species from eastern Georgia. Zool. AN Gruz. SSR 51 no. 3:719-724 '68.

Kukhiz, G.A. - Study of the genus *Pezomachus* Thoms. 1935 (Pezomachus, Pseudoscorpionidae). Zool. AN Gruz. SSR 50 no. 2:478-480 My '68.

Kobakhidze, D.M., and others. - Materials on improving diagnosis of Ocular spruce injury by *Dendroctonus valens* in the Borechni region. Zool. AN Gruz. SSR 51 no. 3:717-722 '68.

595 (471.18) - Tomsk Province

Maslov, V.S., Gladkov, K.L. - Helminth infestation of the inhabitants of densely populated areas of lower Tomsk according to materials of the Bureau of Sanitary and Epidemiological Station of the Water Transport. Trudy Tomsk. univ. 14 272 '64.

595 Vashina

Aronov, M.P. - Contact and characteristics of vertebrate brain ganglia. Zhur. evol. biokhim. i fiziol. 4 no. 3:125-130 Mr-Apr '68.

Yakovlev, V.S., and others. - Adenosine triphosphatase in embryonal development of eukaryotes, fishes, and amphibians. Zhur. evol. biokhim. i fiziol. 4 no. 3:134-140 My-Je '68.

Kreps, K.M., and others. - Phospholipids of intracellular particles and synaptic vesicles of brain in vertebrates. Zhur. evol. biokhim. i fiziol. 4 no. 3:141-143 My-Je '68.

Lef'evskiy, V.I. - Evolution of antibody-forming function in cold-blooded vertebrates. Zhur. evol. biokhim. i fiziol. 3 no. 3:400-401 S-O '68.

Rozhnov, M.G. - Liver transaminase in various vertebrates and hormonal regulation of their activity. Zhur. evol. biokhim. i fiziol. 4 no. 3:134-139 My-Je '68.

Serdyukov, T.P., Khilashina, T.B. - Sarcoplasmic proteins of somatic muscles in vertebrates. Zhur. evol. biokhim. i fiziol. 3 no. 3:432-433 S-O '68.

595 Fishes

Orlovskaya, M.M. - Egg structure and reproduction in *Vinogradovius nimbatus* (Oocystodonta). Zool. zhur. 47 no. 11:1722-1725 N '68.

Kozlovskaya, A.A., Igash'eva, G.M. - Relationship between the processes of kary- and cytology during synchronous cleavage divisions in *Megarrhinus fasciatus* L. Dokl. AN SSSR 183 no. 3:499-499 '68.

Lef'evskiy, V.I., Pshenitskaya, M.M., Maslov, V.I. - Concentration of nonesterified fatty acids in blood of cyclostomes and fishes and changes in blood under the effect of adrenalin and insulin. Zhur. evol. biokhim. i fiziol. 4 no. 3:141-143 My-Je '68.

Maslovskiy, V.V. - Modeling relationships between fish populations in the competition for food. Zool. zhur. 47 no. 11:1697-1697 N '68.

Mit'ina, L.S., Ustretskiy, M.G. - Characteristics of mitochondrial regulation of glycolysis in embryogenesis of osseous fishes. Zhur. evol. biokhim. i fiziol. 3 no. 3:444-445 S-O '68.

Shchegolev, G.K. - The Second All-Union Conference on Ecological Physiology of Fishes. Zhur. evol. biokhim. i fiziol. 3 no. 3:503-503 S-O '68.

597 (201) - Atlantic Ocean

Baranov, V.V. - Taxonomic relationships of rockfishes of the genus *Sebastes* in the northwestern part of the Atlantic Ocean. Dokl. AN SSSR 183 no. 3:478-482 '68.

Kovalova, A.A. - Helminths of *Trachurus trachurus* L. off the shore of southwestern Africa. Biol. mor. no. 14 54-56 '68.

Parukhin, A.M. - Fish helminths in the southern Atlantic. Biol. mor. no. 14:56-57 '68.

Sokolovskiy, A.I. - Parasites of *Scorpaenidae* fishes living in the Atlantic Ocean near the coast of southwestern Africa. Biol. mor. no. 14:59-60 '68.

597 (202) - Mediterranean Sea, including Adriatic and Aegean Seas

Maldanova, M.N., Mikolayev, V.M. - Helminths of some bottom fishes of the Mediterranean basin. Biol. mor. no. 14:53-55 '68.

597 (202.5) - Black Sea

Kovalova, A.A. - Effect of age and food composition on helminths of *Trachurus mediterraneus ponticus* Aleev. Biol. mor. no. 14:57-58 '68.

Maldanova, M.N. - *Sporeosia orthocentrus* sp. nov. from *Gobius ophiocephalus* Pallus of the Black Sea. Biol. mor. no. 14:59-60 '68.

Kalish, V.K. - Protozoa parasitizing on fishes of the Black Sea. Biol. mor. no. 14:61-62 '68.

597 (202.9) - Aral Sea

Kozin, M.A., Doroshov, S.I. - Some data on sea and coastal forms of *Aburina branta orientalis* Berg. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:19-23 '68.

597 (208) - Arctic Ocean

Shchegolev, M.L., Dostoev, L.I. - Changes in lipid and glucose content in the blood serum and glycogen of the liver of *Clupea pallasii* and cod of the White Sea. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:46-51 '68.

597 (477) - Ukrainian S. S. R.

Dostoev, S.I. - Zoogeographical characteristics of *Myxosporidia* of freshwater fishes in the Ukrainian S. S. R. Parasitologia 1 no. 3:106-110 My-Je '67.

597.4 Amphibians

Vasilev, M.P. - Visual projections in amphibian brain. Zhur. evol. biokhim. i fiziol. 2 no. 5:473-479 S-O '68.

598.1 Reptiles

Belashova, M.G. - Electrophysiological characteristics of the visual system of the tortoise *Testudo orbicularis*. Zhur. evol. biokhim. i fiziol. 4 no. 3:245-245 My-Je '68.

Kordashev, M.W. - External ear muscles in some lizards. Zool. zhur. 47 no. 11:1730-1732 N '68.

Mikolayev, V.M. - Affected innervation of the grass snake stomach. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:18-23 '68.

598.3 Birds

Ashchukina, I.P., Mikolayev, S.S. - Activity of RNA-dependent RNA polymerase in some tissues and organs of a developing chick embryo. Zhur. evol. biokhim. i fiziol. 4 no. 3:146-148 Mr-Apr '68.

Dostoev, S.I. - Evolution of nitrogen catabolism in birds in captivity. Zhur. evol. biokhim. i fiziol. 3 no. 3:444-445 S-O '68.

Maslovskiy, M.A. - Adaptive characteristics of the development of the retina in some Passeriformes. Zool. zhur. 47 no. 11:1716-1717 N '68.

598.3 (271.65) - Maritime Territory

Kozlovskaya, L.V. - *Exochorda* (Hymenoptera) parasites in central Sakhalin. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:23-20 '68.

598.3 (28) - Antarctica. South Polar regions

Kamenov, V.M. - Emperor penguins in the region of the Mirnyy Observatory. Izv. Vsesoyuz. nauch. eksp. no. 70:18-22 '68.

598 Mammals

Belova, T.I. - Heterochronous development of certain kinds of the fifth and seventh complexes in early embryogenesis of man. Zhur. evol. biokhim. i fiziol. 4 no. 3:143-143 My-Je '68.

Dostoev, S.I., and others. - Seasonal changes of ascorbic acid and tocopherol contents in rodents. Zhur. evol. biokhim. i fiziol. 4 no. 3:137-144 Mr-Apr '68.

Dostoevskiy, M.T. - Arterial blood supply to the urinary bladder in representatives of some mammalian orders. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:24-26 '68.

Chernobayev, P.B. - Mystery of laryngeal cycles. Priroda no. 12 44-46 '68.

Dallamira, S.L. - Study of helminths of marine mammals of the world coast conducted by the Zoology Department of the Crimean Teachers' Institute from 1963 to 1965. Biol. mor. no. 14:14-24 '68.

Dostoev, S.I., Dostoev, M.M. - *Onchocerca* helminths in mammalian brain cortex. Zhur. evol. biokhim. i fiziol. 3 no. 3:136-137 JI-Ag '68.

Pedrov, V.R. - Effectiveness of some and biogenic compounds disturbing neuromuscular transmission in newborn and adult rats and mice. Zhur. evol. biokhim. i fiziol. 4 no. 3:138-143 My-Je '68.

Ivashin, A.I. - Materials on species differences in accumulation of strontium-90 and the variability of small mammals caught in a place artificially contaminated with this radionuclide. Zool. zhur. 47 no. 11:1698-1700 N '68.

Trakht, M.V. - Seasonal rhythms of hemopoiesis in man. Zhur. evol. biokhim. i fiziol. 3 no. 3:138-140 JI-Ag '68.

Kozlovskaya, A.A. - Descending connections of phylogenetically different parts of cerebellum with spinal cord in cats. Zhur. evol. biokhim. i fiziol. 2 no. 3:138-140 JI-Ag '68.

Kroshch, G.P. - Potentially affected in cerebral hemispheres of rats during stimulation of the hippocampus. Zhur. evol. biokhim. i fiziol. 4 no. 3:174-174 My-Je '68.

Lapina, L.A. - Isotopic reflection in osteogenesis of age with beta-ray nondestructive method. Zhur. evol. biokhim. i fiziol. 4 no. 3:166-166 JI-Je '68.

Ivashin, V.I., Karsavina, I.V. - Study of daily signals of *Microtus oeconomus* Pall. by radiotelemetry method. Zool. zhur. 47 no. 11:1701-1702 N '68.

Martynov, V.P., Kozlovskaya, V.P. - Seasonal changes in hair cover of a rabbit. Zool. zhur. 47 no. 11:1702-1704 N '68.

Moskalev, M.V. - Studies on hypothalamic-cortical connections in rabbits. Zhur. evol. biokhim. i fiziol. 4 no. 3:187-187 Mr-Apr '68.

Rudich, M.I. - Content of some vitamins in the eggs of *Chelonia mydas* gulfensis Pall. during incubation. Zool. zhur. 47 no. 11:1707-1710 N '68.

Karsavina, I.V. - Relationship between the development of sperm white matter and the nature of their body habits. Zool. zhur. 47 no. 11:1681-1681 N '68.

Trakht, M.V. - Morphology and anatomy of the early ontogenesis of man. Zhur. evol. biokhim. i fiziol. 3 no. 3:131-131 My-Je '68.

Tsybakova, I.P. - Prenatal development of the suprachiasmatic nucleus of the brain. Zhur. evol. biokhim. i fiziol. 4 no. 3:170-170 Mr-Apr '68.

598 (201) - Atlantic Ocean

Dallamira, S.L., Parukhin, A.M. - New *Diplocephalus* a parasite of South African fur seal. Biol. mor. no. 14 28-34 '68.

598 (208) - Pacific Ocean

Trakht, M.V., Teshchey, V.V., Serdyukov, A.M. - Materials on helminths of *Pinnipedia* of Bering and Okhotsk Seas. Biol. mor. no. 14 38-40 '68.

598 (474.8) - Japanese S. S. R.

Martynov, V.P., Kozlovskaya, V.P. - Biology of the genus *Phacelia* (Phacelia) according to observations in captivity. Zool. zhur. 47 no. 11:1658-1658 N '68.

598 (574) - Kazakh S. S. R.

Kozlovskaya, V.M. - Field nine field walls. Priroda no. 12:103 '68.

6. APPLIED SCIENCES. MEDICINE. TECHNOLOGY

60 History of industrial technology

608 Inventions. Patents. Discoveries. Technical. Chudakov, V.I. - Patent application. Mosh. dokl. vyz. shkoly; biol. nauch. II no. 11:23-20 '68.

Novot inventors in the field of machinery construction. Vest. mashinostroy. 48 no. 11:181-181 N '68.

Soviet inventors in the field of machinery construction. Vest. mashinostroy. 48 no. 12:186-186 N '68.

61 MEDICAL SCIENCES. HEALTH AND SAFETY

Doctor of Medical Sciences Professor Alexander Borisovich Gilleron. Trudy OIM no. 87:3-3 '64.

Forty years of medical, scientific, pedagogical, and other activities of Professor E. I. Lashkevich. Trudy OIM no. 89:6-10 '64.

Gilleron, A.B. - Study of the anatomy, physiology, and pathology of the placenta. Trudy OIM no. 87:3-3 '64.

Olshansky, O.S. - Some problems of theoretical medicine from the viewpoint of dialectical materialism. Trudy Akad. Nauk. med. inst. 32:18-18 '64.

Lashkevich, E.I. - Medicalization of the life of society and control of controversy in medicine. Trudy OIM no. 87:3-3 '64.

[Medical abstracts] Med. ref. zhur. sect. I vol. 13, no. 13 D '68. Sect. 2, vol. 13, no. 13 D '68. Sect. 3, vol. 13, no. 13 D '68. Sect. 4, vol. 13, no. 13 D '68. Sect. 5, vol. 13, no. 13 D '68. Sect. 6, vol. 13, no. 13 D '68. Sect. 7, vol. 13, no. 13 D '68. Sect. 8, vol. 13, no. 13 D '68. Sect. 9, vol. 13, no. 13 D '68. Sect. 10, vol. 13, no. 13 D '68. Sect. 11, vol. 13, no. 13 D '68. Sect. 12, vol. 13, no. 13 D '68. Sect. 13, vol. 13, no. 13 D '68.

[New foreign books. Series VI: Biology, medicine, agriculture.] Nov. knigi za rub. Ser. VI: Biol., med., agr. khim. 13 no. 13 D '68.

Professor Ivan Yakovlevich Dedov, Doctor of Science of the Ukrainian S. S. R., on his birthday. Zna. lek. no. 7:5-5 JI '64.

8 (Continued)

Sergey Petrovich Kaprov on his 60th birthday and 30th anniversary of his scientific, pedagogical and civic activities. *Trudy TomNIIVS* 18 3-4 '84.

81 Anatomy

Alkashova, T. R., Udaltsov, M. G., Samosina, G. K. - Analysis of cortical effects on the cardiovascular system. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:25-33 '83.

Instruction on conducting dissection of mammals during stages of fast and weight (epidermophytosis, rabdomyolysis). *Trudy TSNM* no. 18, pt. 1:181-189 '87.

Kuznetsov, G. L. - Cortical afferent connections of the "proneal" cerebral gyrus in dogs. *Soob. AN Gruz.* 202 4 no. 3:173-174 '88.

Kuznetsov, L. M. - Dissection of the secretions of patients during infectious diseases in specialized devices. *Trudy TSNM* no. 18, pt. 1:173-174 '87.

Kuznetsov, I. U. M. - Topography and structure of the vegetative pain points in parasympathetic ganglionitis. *Vrach. delo* no. 1:98-104 Ja '89.

Yakovlev, I. P. - Prenatal development of the striopallidum system of rabbit's brain. *Zhiv. evol. biokhimi.* [Fiziol.] 4 no. 3:178-184 Mr-Apr '88.

81.03 Embryology

Alkashova, A. V., Tikhonov, R. I. - Antigenic structure of serum proteins in embryogenesis of hen. *Khark. evol. biokhimi.* [Fiziol.] 4 no. 4:304-311 Ji-Ag '84.

Iskova, T. L. - Heterochronous development of cortical nuclei of the fifth and seventh cranial nerves in early embryogenesis of mice. *Khark. evol. biokhimi.* [Fiziol.] 4 no. 3:184-193 My-Je '88.

Kuznetsov, A. A. - Morphogenesis of the spinal cord in spinal ganglia in mice in embryogenesis. *Trudy Akad. Nauk. Gos. med. inst.* 23:608-608 '84.

Orlov, M. A. - Content of iron, copper, aluminum, and silicon in the adrenal glands of brown rats. *Trudy Akad. Nauk. Gos. med. inst.* 23:71-74 '86.

82 Physiology

Artemyevskiy, L. V. - Some controversial problems of the correlation between the organism and tumor. *Klin. onk.* 22:1-18 '88.

Dobinskaya, D. I. - Matrix activity of DNA and chromatin of some organs in RNA synthesis. *Soob. AN Gruz.* 202 4 no. 3:177-178 '88.

Iskova, K. A. - Biocatalytic enzymes and their role in planning and organization of self-organizing research. *Fiziol. shk. SSSR* 54 no. 18:184-185 O '88.

Lisitsyn, V. A. - Formation of a new vitamin A metabolite in the rat organism. *Biol. eksp. biol. med.* 67 no. 1:14-18 Ja '89.

Mashkova, E. M. - Ontogeny of myoglobin and cytochrome oxidase. Report No. 11. Myoglobin and cytochrome oxidase in the ontogeny of man and rabbits. *Trudy Akad. Nauk. Gos. med. inst.* 23:549-553 '86.

Bergina, A. G., Belinskaya, S. B. - Effect of the main brain-conducting substance of food venom on the sensory permeability of the vascular barriers and sensory properties of tissues in irradiated animals. *Trudy Akad. Nauk. Gos. med. inst.* 23:507-512 '86.

818(47)—Ukrainian S. S. R.

Kukha, V. M., Vasyukov, B. A. - Development of physiology in Kharkov during 50 years. *Fiziol. shk. SSSR* 54 no. 18:144-147 O '88.

81.817 Immunity. Allergy. Anaphylaxis. Taxis

Berezinskaya, T. L., Modisava, M. S. - Use of thymulin in the study of immunogenesis in electroimmunization with typhoid and paratyphoid vaccines. *Trudy TSNM* no. 18:82-83 '86.

Berezinskaya, T. L., Modisava, M. S., Fedorchenko, R. V. - Use of thymulin in the registration of the antigen-antibody reaction following clinical and experimental electroimmunization with brucella vaccines. *Trudy TSNM* no. 18:99-103 '86.

Medina, Kh. A. - Dermatitis as a result of contact with figs. *Vest. dera. i ven.* 38 no. 7:79-81 Ji '88.

Chapland, K. M. - Dynamics of the humoral immunity against influenza in railroad employees of Tallinn station based on materials of 1980-1984. *Shor. trad. vuz. Prikl. shk. dokl.* no. 4:181-188 '88.

Denis, A. A., and others. - Some immunological indices in systemic lupus erythematosus. *Trudy TSNM* no. 18:48-54 '86.

Derevko, L. V., Kozlovskiy, L. S., Maslova, Y. A. - Role of mononuclear cells in the formation of hypersensitivity of the delayed type. *Biol. eksp. biol. med.* 67 no. 1:64-67 Ja '89.

Drozdov, A. I. - Comparative evaluation of allergic properties of various components from allergens of eczematoid, histoplasmosis, and blastomycosis. *Trudy GOUV* no. 4:167-171 '84.

Dobrovolskiy, L. I., Kuznetsov, D. S. - Chemical composition and toxic properties of allergen obtained from *Herpes* by means of aqueous-ether extraction. *Vop. med. khim.* 4 no. 4:449-454 M-D '88.

Kuznetsov, V. L. - Development of natural immunity in the progeny of dogs with a normal pregnancy course. *Biol. eksp. biol. med.* 67 no. 1:87-88 Ja '89.

Fritskan, E. B., and others. - Detection of antibodies to tuberculin in rabbit serum globulins. *Trudy TSNM* no. 18:4-8 '86.

Fritskan, E. B., and others. - Thymotomography in the study of the state of postvaccination allergies in rabbits vaccinated with BCG. *Trudy TSNM* no. 18:7-11 '86.

Gel'man, A. E., and others. - Study of autoimmunological processes in gastric ulcer using the thermoresistance method. Preliminary report. *Trudy TSNM* no. 18:90-103 '86.

Glaschenko, A. G. - Changes in the reactivity of the organism in chronic tonsillitis following galvanoelectrolysis of the palatine tonsils. *Trudy OMI* no. 8:43-51 '84.

Glaschenko, A. G. - Changes in the reactivity of the organism in chronic tonsillitis in connection with X-irradiation of the tonsils. *Trudy OMI* no. 8:31-43 '84.

Gorlov, A. P. - Anaphylactic shock due to administration of streptococci. *Vrach. delo* no. 1:144-147 Ja '89.

Ivanov, I. U. A., Zhukov, K. S. - Changes in lipoprotein content in the blood serum during immunogenesis. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:43-48 '83.

Kashkin, K. P., Glushkova, N. A. - Immunological analysis of the Chaidin albicans antigens. *Trudy GOUV* no. 4:154-158 '84.

Kuznetsov, V. P., and others. - Possibility of detecting antibodies in heterotransplants with the aid of thymulin. *Trudy TSNM* no. 18:120-123 '86.

Kuznetsov, V. P., and others. - Use of microthermoresistance in the detection of antibodies to streptococci in tuberculosis. *Trudy TSNM* no. 18:23-28 '86.

Kleinman, E. I., Steklov, A. A. - Effect of extensive immunization with pertussis-diphtheria-tetanus vaccine on some humoral factors of nonspecific immunity. *Trudy TomNIIVS* 18:31-33 '84.

Kleinman, E. I., Steklov, A. A. - Phagocytic reaction as an indication of the immunobiological reactivity of the organism in extensive immunization with associated antigens. Report No. 2. *Trudy TomNIIVS* 18:33-37 '84.

Kleinman, E. I., Trukhanov, B. G., Steklov, A. A. - Role of preliminary immunization with associated blactofin in the reaction of the organism to subsequent administration of monovalents. *Trudy TomNIIVS* 18:37-38 '84.

Kolchinskaya, T. M. - Effect of antibodies and disorders of the vitamin and hormone balance on the formation of autoimmune immunity. *Trudy GOUV* no. 4:103-108 '84.

Kulikov, V. I. U. - Using thymulin in the study in immunological processes in oncological diseases. Preliminary report. *Trudy TSNM* no. 18:144-146 '86.

Kuznetsov, A. I. - Comparative characteristics of some immunological antigens under conditions of experimental infection. *Trudy GOUV* no. 4:177-183 '84.

Lebedev, S. E., Starikova, I. U. A., Fedorchenko, M. V. - Expediency in the use of thymulin in the study of the immunological structure of the population in relation to Rhesus blood. *Trudy TSNM* no. 18:4-7 '84.

Marshall, V. M. - Allergic reaction to clover. *Vrach. delo* no. 1:148-149 Ja '89.

Mironov, K. E. - Allergy characteristics in secondary pulmonary tuberculosis. *Prikl. shk. dokl.* 43 no. 10:47-49 '88.

Modisava, M. S., Berezinskaya, T. L. - Comparative evaluation of the sensitivity of the reaction of indirect hemagglutination and the method of thermoresistance in compound immunosorbent treatment of typhoid fever. *Trudy TSNM* no. 18:113-118 '86.

Nevelov, G. M. - Theory of autoantigens and autoantibodies applied in dermatology: a review of the literature. *Vest. dera. i ven.* 38 no. 7:18-19 Ji '88.

Movchuk, S. V. - Sensitizing and immunogenic properties of staphylococcal toxin in the case of combined preparations. *Trudy TomNIIVS* 18:323-328 '84.

Prokofyeva, E. I. - Allergy tests in endocarditis of the mucous membranes. *Vest. dera. i ven.* 38 no. 7:18-19 Ji '88.

Ravich-Shcherbo, M. I., Zolotareva, G. P. - Antibody-synthesizing function of the liver. *Vop. med. khim.* 14 no. 4:449-454 M-D '88.

Rodionov, K. M., and others. - Method of detecting C-reactive proteins. *Trudy TSNM* no. 18:73-78 '86.

Shukhova, M. A. - Immunogenic properties and antigenic characteristics of some yeast strains. *Trudy GOUV* no. 4:171-178 '84.

Solov'ev, V. M., Solokova, E. M., Chumachenko, M. V. - Effect of immunogen and leucidin on the sensitivity of *Mycobacterium tuberculosis* to the protective factors of the macroorganism. *Probl. shk. dokl.* 43 no. 10:69-73 '88.

Sonov, B., Khaimovskiy, G. - Dermatitis: how to get protected against it. *Okhr. truda i soc. strakh.* II no. 13:10-11 D '88.

Tshukhova, M. K. - Characteristics of the cultural antigen for the complement fixation reaction from attenuated tick-borne encephalitis virus. *Trudy TomNIIVS* 18:44-48 '84.

Tolstikhina, P. F. - Prevention and treatment of late toxemia in pregnancy. *Trudy OMI* no. 8:109-113 '84.

Trukhanov, B. G. - Effect of multiple inoculation with compound associated vaccines on the development of immunity to new or newly administered antigen. *Trudy TomNIIVS* 18:123-128 '84.

Tomashova, N. I. - Blood serum autoantibodies in leprosy. *Vest. dera. i ven.* 38 no. 7:18-19 Ji '88.

Vasil'ev, M. V., Gorbacheva, T. L. - Materials on the histochemistry of immunogen in some laboratory animals. Report No. 1. *Trudy TomNIIVS* 18:130-137 '84.

Zatida, D. O. - Preventive immunization and immunotherapy of Ehrlich's sarcoma and Crook's carcinoma. *Biol. eksp. biol. med.* 67 no. 1:83-84 Ja '89.

Zhalnikov, M. M. - Allergy to drugs. *Vest. dera. i ven.* 38 no. 7:18-19 Ji '88.

618, 617(571.15)—Tomsk Province

Volkov, B. A., Vasil'eva, I. P., Tadeushova, L. L. - State of immunity to diphtheria in young schoolchildren adolescents, and adults, according to Tomsk materials. *Trudy TomNIIVS* 18:344-349 '84.

618.1 Blood and circulation

Alkashova, G. G. - Indices of completed and uncompleted phagocytosis in infants with ostial dysplasia. *Akrob. med. shk. dokl.* 43 no. 11:40-43 D '88.

Andreevskiy, G. V., Chachikina, L. V. - Effect of aldol phosphatase on fibrinolysis in vitro and in vivo. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:43-48 '88.

Amkharov, I. A. - Effect of adrenaline on the ability of infant erythrocytes to increase the thromboplastic activity of plasma. *Biol. eksp. biol. med.* 67 no. 1:3-8 Ja '89.

Bakhteev, G. G. - Arterial blood pressure in dogs in testing food salivary conditioned reflexes. *Soob. AN Gruz.* 202 4 no. 3:169-174 S '88.

Bilov, M. M. - Metabolic heterogeneity of RNA of human leucocytes. *Vop. med. khim.* 14 no. 6:611-616 M-D '88.

Borodinskii, M. T. - Arterial blood supply to the urinary bladder in representatives of some mammal orders. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:43-48 '88.

Dzhuravlev, Z. A., Mitroshin, I. U. A. - Mitotic cycle of the peripheral blood in *Monodelphis domestica*. *Biol. eksp. biol. med.* 67 no. 1:74-78 Ja '89.

Gurevich, M. I. and others. - Experimental study of a thermal dilation technique of the minute volume of the heart. *Trudy Som. shk. prot. biokh. prim. elektron. v. biol. i med.* no. 1:48-52 '88.

Ivanov, I. U. A., Zhukov, K. S. - Changes in lipoprotein content in the blood serum during immunogenesis. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:43-48 '83.

Kuznetsov, V. P., and others. - Study of stimulated fluorescence of the blood serum in healthy persons and of those with malignant neoplasms. *Trudy TSNM* no. 18:170-184 '86.

Kuznetsov, V. P., and others. - Study of the complement properties of the blood serum in relation to tuberculosis using the TC method in tuberculosis. *Trudy TSNM* no. 18:44-48 '86.

Kuznetsov, V. P., Kulikova, L. A., Starikova, I. U. A. - Utravak blood leucocytes. *Trudy TSNM* no. 18:180-186 '86.

Kuznetsov, V. P., Vukob, G. M., Isakova, G. S. - Possibility of transmitting biological information and interstitial information with the aid of blood plasma nucleoproteins; new submicroscopic elements of the blood. Preliminary report. *Trudy TSNM* no. 18:186-188 '86.

Koval', M. M. - Methodology of uninterrupted automatic registration of the hemolytic erythrocyte process. *Trudy TSNM* no. 18:100-110 '86.

Kulikov, M. A., Poyarkov, M. M. - Correlational relationships between principal hemodynamic parameters. *Trudy Som. shk. prot. biokh. prim. elektron. v. biol. i med.* no. 1:52-57 '88.

Lashchukov, V. M. - Protein fractions and C-reactive blood serum protein in acute pancreatitis. *Klin. khim.* no. 11:77 N '84.

Leont'eva, G. R. - Adrenergic innervation of capillaries. *Khark. evol. biokhimi.* [Fiziol.] 4 no. 3:487-488 S-O '84.

Motrilov, P. A., Tikhonovskiy, B. T. - Incorporated receptors of arteries of the mesenteric oblique and spinal cord. *Biol. eksp. biol. med.* 67 no. 1:84-87 Ja '89.

Muraviev, N. - Aspects of the transplantation of hemopoietic tissues in clinical practice: a review of the literature. *Klin. i lech. shk. novobraz.* no. 11:147-158 '88.

Muraviev, N. - Possibilities of transplanting hemopoietic tissues under experimental conditions: a review of the literature. *Klin. i lech. shk. novobraz.* no. 11:147-157 '88.

Musin, B. S. - Myoglobin content in the skeletal muscles and heart in dogs at different age periods. *Biol. eksp. biol. med.* 67 no. 1:10-12 Ja '89.

Parvovskiy, V. V. - Sedimentation rate of erythrocytes as a reflection of seasonal variations in physiological activity of some varietals. *Khark. evol. biokhimi.* [Fiziol.] 4 no. 3:145-153 Mr-Apr '88.

Prima, G. I. A., Gavrilov, K. V., Kuznetsov, P. I. - Dynograph attachment to the EKG-Ch-3 electrocardiograph. *Fiziol. shk. SSSR* 54 no. 10:133-137 O '88.

Polishchuk, T. G., Razbelyukova, N. A. - Biochemical link in the mechanism of cardiac "ascope" from the influence of the vagus nerve. *Fiziol. shk. SSSR* 54 no. 10:179-183 O '88.

Shukhova, M. L., Denisova, L. I. - Changes in lipid and glucose content in the blood serum and glycogen of the liver of *Mytilus* larvae and cod of the White Sea. *Kanoh, dokl. vyz. shkoly; biol. nauk* II no. 11:43-48 '88.

Solov'ev, B. A. - Effect of intravenous injections of HCl and Na₂CO₃ on the coagulation, leucocyte quantity, pH, and alkaline reserve of the blood. *Fiziol. shk. SSSR* 54 no. 10:113-118 O '88.

Strochakov, V. I., and others. - Using the diluted dye method for the determination of the intrathoracic blood volume. *Trudy I-go MMI* 30:30-35 '84.

Volod'ko, M. L. - Some indices of salt metabolism and physicochemical composition of the blood in intrathoracic operations. *Trudy Akad. Nauk. Gos. med. inst.* 23:180-183 '86.

Vorob'ev, E. I. A., and others. - Effect of epinephrine and norepinephrine on some indices of hemostasis in irradiated rats. *Med. rad.* 13 no. 11:64-67 M '88.

Zaritskiy, G. V. - Reaction of visceral vessels to the stimulation of cardiac vessels. *Fiziol. shk. SSSR* 54 no. 10:171-178 O '88.

612.1(571.61)—Amur Province

Kuznetsov, S. E. - Copper and iron in the blood serum of practically healthy persons in the Amur biogeochemical area. *Mikroelementy Zh.* no. 4:303-309 '64.

612.2 Respiration

Golubova, E. L. - Significance of reticular formation of midbrain for the first inspiration of newborn. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:378-387 Ji-Ag '64.

612.2(599)—Antarctica, South Polar region

Pecherkin, V. N., Likhitskaya, L. I. - Pulmonary ventilation capability as an index of the state of mechanisms adapting to the ability to work under extreme conditions of Antarctica. *Inform. biol. Sov. amark. eksp.* no. 10:33-43 '65.

612.3 Digestion and nutrition

Akhmedov, R. A. - Effect of limbic cortex stimulation and excitation on the secretory activity of the stomach. *Sob. AN Gruz SSR* 90 no. 2:493-498 My '64.

Belodukhina, S. E., Gogitashvili, D. M. - Inhibition of gastric secretion by fat in puppies. *Zhur. evol. biokhim. i fiziol.* 4 no. 2:154-157 Mr-Apr '65.

Brekar, D. M., Uesov, K. S. - Methodology of using pharmacological preparations in X-ray examination of the small intestine. *Report No. 1. Trudy Alma.-Atin. gos. med. inst.* 23:129-132 '64.

Burakov, E. V., Rakushtskaya, M. L., Kudrinskaya, I. U. B. - Effect of alcohol and oxidation on lipid properties of the liver lipids of rabbits. *Vest. Mosk. un. Ser. 8: Biol. postv.* 31 no. 6:18-22 N-D '65.

Dvigan, T. V. - DNA and histone content in cellular nuclei of the liver during embryogenesis of human fetus. *Zhur. evol. biokhim. i fiziol.* 4 no. 2:134-139 Mr-Apr '65.

Dmitriyev, P. R. - X-ray observations of changes in the position and functions of the large intestine following pneumectomy and lobectomy. *Trudy 1-go MDI* 30:133-160 '64.

Dorogobitova, A. G. - Effect of lumbis, kept in a "vacuum", on the esophageal mucosa under experimental conditions. *Trudy Alma.-Atin. gos. med. inst.* 23:373-377 '64.

Doshkova, M. S. - Morphological characteristics of the ileocecal angle of intestines and Buhner's valve. *Sob. AN Gruz SSR* 91 no. 3:741-745 S '65.

Ganibakhina, V. D. - Age-related dynamics of the activity of pepsin, adsorbed by the gastric mucosa in mice of the Estonian Buro and Brejstvo breeds and their crosses. *Trudy Veltkoi, sel'sk. khoz. inst.* no. 7:257-303 '67.

Gashina, E. M. - Role of adrenals in the secretory function of stomach in puppies. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:243-250 My-Je '65.

Il'in, V. S., Buzman, M. G. - Effect of hydrocortisone on the activity of alkaline phosphatase and aspartate aminotransferase (transaminase) from the liver of embryonal, newborn, and adult rats. *Zhur. evol. biokhim. i fiziol.* 4 no. 2:185-188 Mr-Apr '65.

Khodovratova, E. D., Akopjan, Zh. I. - Changes in the activity of phenylalanine hydroxylase in the liver of white rats in their postnatal period. *Vop. med. khim.* 14 no. 5:623-631 N-D '65.

Kharvaz, T. N., Muravskaya, O. V., Mel'bard, L. I. - Selection of the conditions of large focus skin disease (malignancy of malignant tumors) of the palatine tonsils. *Med. rad.* 15 no. 11:12-19 N '65.

Mishakov, E. L. - Significance of rumen bacteria in the ruminal digestion. *Shor. nach. trud. Volgod. gos. step. khz. opyt. stan.* no. 4:264-272 '67.

Parich-Shesterbo, M. I., Zolotareva, O. P. - Antibody-erythrocyte agglutination of the liver. *Vop. med. khim.* 14 no. 5:659-661 N-D '65.

Ranes, S. G., Lancel, N. G. - Secretion of gastric juice in dogs under the effect of excessive ACTH and prokinetic. *Fiziol. zhur. SSR* 54 no. 10:1253-1260 O '65.

Rutimov, M. G. - Liver transaminases in various vertebrates and hormonal regulation of their activity. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:284-294 My-Je '65.

Siveta, N. A., Khvatova, K. M. - Oxidative phosphorylation in the brain and liver of warm-blooded animals in hypothermia and at the initial period of self-warming. *Vop. med. khim.* 14 no. 5:593-598 N-D '65.

Skalov, G. K. - Postresection changes in the histologic function of the liver in rats. *Biol. eksp. biol. i med.* 67 no. 1:33-35 Ja '69.

Vichitskaya, E. M. - Bile pigments and their metabolism. *Trudy Alma.-Atin. gos. med. inst.* 23:236-248 '64.

Yi-Tsung-shu, B. - Quantitative cytochemical study of RNA and proteins in the cells of the pancreas in man and animals at a senile age. *Trudy Alma.-Atin. gos. med. inst.* 23:487-500 '64.

Zakharova, V. E. - Effect of atropine and morphine on the motor function of the stomach. *Trudy Alma.-Atin. gos. med. inst.* 23:123-126 '64.

Zakharova, V. E., Brezer, D. M. - Effect of atropine and procaine on the motor-evacuatory function of the stomach: X-ray and electrogastrographic parallels. *Trudy Alma.-Atin. gos. med. inst.* 23:110-112 '64.

612.4 Glands physiology. Secretion. Excretion

Akimov, G. I., Belogina, O. P., Orlov, A. P. - Reflexes from the mammary gland to the thyroid. *Fiziol. zhur. SSR* 54 no. 10:1215-1217 O '65.

Dokushova, G. E., Bergshteyn, A. G. - Role of the adrenal glands in disorders of electrolyte metabolism in experimental radiation disease. *Trudy Alma.-Atin. gos. med. inst.* 23:222-223 '64.

Martina, L. M., Bogatova, R. I. - Diurnal periodicity of cellular mitosis in the renal cells of rats of both sexes. *Biol. eksp. biol. i med.* 67 no. 1:78-80 Ja '69.

Peigis, I. G. - Interrelation between glomerular filtration and effective renal plasma flow in nephrolithiasis patients with hypertension. *Trudy Alma.-Atin. gos. med. inst.* 23:185-189 '64.

Gashina, E. M. - Role of adrenals in the secretory function of stomach in puppies. *Zhur. evol. biokhim. i fiziol.* 4 no. 3:243-250 My-Je '65.

Gol'dman, I. L., Dobrilanov, D. S., Budakov, V. I. - Polyploid cells in the hemopoietic tissues in man and animals. *Biol. eksp. biol. i med.* 67 no. 1:87-91 Ja '69.

Jansson, L. - Comparative materials on the activity of gastric proteolytic enzymes in pathologic states of the stomach including gastric cancer. *Klin. i lek. dok. novobras.* no. 11:15-17 '65.

Konikshov, B. V., Malishina, M. A. - Growth stimulation of the extremity bones in the embryos of mice of the mutant line brachypodism-II by means of gonadotropic hormones. *Biol. eksp. biol. i med.* 67 no. 1:70-71 Ja '69.

Korolev, I. U. F. - Effect of the nutrition regimen on the sebaceous secretion. *Vest. derm. i ven.* 30 no. 7:9-13 Ji '65.

Lasserer, A. P. - Fluorimetric analysis of the distribution of growth hormones by means of fractions of Reben extract of the human hypophysis. *Biol. eksp. biol. i med.* 67 no. 1:85-103 Ja '69.

Lebedeva, V. A. - Content of riboflavin and 4-pyridoxo acid in the urine of healthy children of an early age. *Trudy Alma.-Atin. gos. med. inst.* 23:348-350 '64.

Likhinov, E. L. - Correlation between the rhythms of cerebral blood currents and the completion of the heartbeat reflex in cows. *Fiziol. zhur. SSR* 54 no. 10:1189-1203 O '65.

Makarov, V. P. - Role of the nervous system and hormones in regulation of enzyme activity in glucose-6-phosphate metabolism in kidneys. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:423-428 S-O '64.

Muraviev, E. - Aspects of the transplantation of hemopoietic tissues in clinical practice: a review of the literature. *Klin. i lek. dok. novobras.* no. 11:187-178 '65.

Muraviev, E. - Possibilities of transplanting hemopoietic tissues under experimental conditions: a review of the literature. *Klin. i lek. dok. novobras.* no. 11:147-147 '65.

Mikhlin, O. P. - Formation of renal calculi in burn disease. *Klin. khir.* no. 7:83-83 Ji '63.

Razin, V. A. - Changes in the resistance of the organism and its tissues in adrenalectomized animals following muscular training and ethanol effects. *Nauch. dokl. vuz. khim. i med. nauk* 11 no. 11:34-38 '65.

Selakov, B. A., Krasina, S. A., Gal'kina, M. S. - Secretory activity of the hypothalamus-hypophysis-adrenal system in hypothermia. *Biol. eksp. biol. i med.* 67 no. 1:218-221 Ja '69.

Volkovich, A. A., Zaitsev, V. S. - Intracellular localization of thyroid iodine. *Tsitologia* 10 no. 8:848-858 Ag '65.

612.5 Animal heat. Body temperature

Dandova, G. M. - Oxidative phosphorylation in skeletal muscles of ground squirrel during hibernation and artificial deep hypothermia. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:439-441 S-O '64.

Khramov, M. K. - Effect of preliminary overcooling of the organism on the blood coagulation system under conditions of acute hemorrhages. *Vrach. delo* no. 1:9-11 Ja '69.

Parolyan, V. V., Tarnov, B. M. - Effect of temperature on the intensity of ultraviolet luminescence of isolated frog diatoms. *Nauch. dokl. vuz. khim. i med. nauk* 11 no. 11:81-84 '65.

Siveta, N. A., Khvatova, K. M. - Oxidative phosphorylation in the brain and liver of warm-blooded animals in hypothermia and at the initial period of self-warming. *Vop. med. khim.* 14 no. 5:593-598 N-D '65.

612.6 Reproduction. Development. Growth. Aging. Death

Akhmedov, A. A., Katsura, S. L. - Resemblances and differences between bits and position of the separate -Guch in different pairs of twins. *Aserb. med. zhur.* 45 no. 12:34-36 '65.

Burta, B. L., Brichkova, N. P. - Case of a full-term cervical pregnancy. *Trudy OMI* no. 57:217-220 '64.

Belik, I. A., Tishchenov, V. L. - Changes in the activity of acid phosphatase in brain tissues of rabbits in relation to age. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:232-238 Ji-Ag '64.

Bochkov, M. P., Serovskiy, A. V., Timofeev-Resovskiy, N. V. - Some problems of radiation cytogenetics in man. *Med. rad.* 15 no. 11:70-84 N '65.

Devizhova, A. S. - Morphology of the placenta in a prolonged pregnancy. *Trudy OMI* no. 57:61-72 '64.

Erechenko-Osachuk, V. S. - Significance of the arborization phenomenon in an early diagnosis of pregnancy. *Trudy OMI* no. 57:187-188 '64.

Farkas, L. M., Bogatova, R. I. - Diurnal periodicity of cellular mitosis in the renal cells of rats of both sexes. *Biol. eksp. biol. i med.* 67 no. 1:78-80 Ja '69.

Gol'dman, I. L., Dobrilanov, D. S., Budakov, V. I. - Polyploid cells in the hemopoietic tissues in man and animals. *Biol. eksp. biol. i med.* 67 no. 1:87-91 Ja '69.

Gracheva, L. A. - Changes in the characteristics in motor asymmetry on an age-related background and under the conditions of loads. *Uch. zap. LGU* no. 34:118-123 '65.

Guseinov, D. U. - Around Trimenocentrus Schmitt. *Conferentio (Krasnodar) i Odesk. univ. Ser. 1: Med. zhur.* 45 no. 12:83-84 J '65.

Khodovratova, E. D., Akopjan, Zh. I. - Changes in the activity of phenylalanine hydroxylase in the liver of white rats in their postnatal period. *Vop. med. khim.* 14 no. 5:623-631 N-D '65.

Konikshov, B. V., Malishina, M. A. - Growth stimulation of the extremity bones in the embryos of mice of the mutant line brachypodism-II by means of gonadotropic hormones. *Biol. eksp. biol. i med.* 67 no. 1:70-71 Ja '69.

Moroz, I. U. A. - Effect of growth-inhibiting estrone on the connective tissues of the skin of white rats of different ages. *Biol. eksp. biol. i med.* 67 no. 1:85-103 Ja '69.

Tolstikhina, P. F. - Prevention and treatment of the toxicosis in pregnancy. *Trudy OMI* no. 57:288-291 '64.

Vodner, D. E. - Data for the transition of contractile matter from the maternal to the fetal vessels and for experimental on actual organic specimens. *Trudy OMI* no. 57:31-30 '64.

612.7 Organs of movement. Voles. Mice

Abuladze, A. V. - Rotation in a skin graft in dogs: aged rats. *Biol. eksp. biol. i med.* 67 no. 1:75-77 Ja '69.

Ikashin, V. A. - Age- and sex-related position of hind movements under conditions of changing position of body. *Uch. zap. LGU* no. 34:119-120 '65.

Kashkova, V. V. - Significance of freezing the skin in the formation of epidermal cells on its surface. *Biol. eksp. biol. i med.* 67 no. 1:85-93 Ja '69.

Magnitskiy, I. G. - Qualitative differences in the perception of normal and abnormal fibers of cutaneous nerves. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:448-450 S-O '64.

Moroz, I. U. A. - Effect of growth-inhibiting estrone on the connective tissues of the skin of white rats of different ages. *Biol. eksp. biol. i med.* 67 no. 1:85-103 Ja '69.

Musila, B. S. - Myoglobin content in the skeletal muscle and heart in dogs at different ages. *Med. zap. biol. i med.* 67 no. 1:10-12 Ji '65.

Norikova, V. P. - Comparative characteristics of general and local ultrasonography. *Biol. eksp. biol. i med.* 67 no. 1:80-97 Ja '69.

Polina, K. A., Kaldovskiy, I. A. - Myoglobin and morphological changes in muscle tissues in dogs after a single general X irradiation. *Trudy Alma.-Atin. gos. med. inst.* 23:282-284 '64.

Polina, K. V., Malchukova, V. P. - Free amino acids in various organs of rats in hypothermia. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:430-440 S-O '64.

Poloshova, S. M. - Ontogeny of myoglobin and cytochrome oxidase. *Report No. 2.1. Myoglobin and cytochrome oxidase in the muscles of children and adults. Trudy Alma.-Atin. gos. med. inst.* 23:284-287 '64.

Rakushtskaya, M. L. - Role of myoglobin and cytochrome oxidase in the regulation of breathing activity in muscles of fetal and adult rabbits. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:232-237 Ji-Ag '64.

Serebrenskaya, T. P., Khil'man, T. B. - Structural proteins of muscle myofibrils in vertebrates. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:432-438 S-O '64.

Tishchenov, V. L. - Myofibrillar protein of skeletal muscle in ontogenesis of man. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:231-238 My-Je '69.

Trifonov, I. L. - Deservition changes in skeletal myofibrils. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:238-241 Ji-Ag '64.

612.8 Nervous system. Sense organs

Abdullayev, M. B. - Characterization of ribary ganglia. *Aserb. med. zhur.* 45 no. 12:17-22 J '65.

Alekseyeva, T. I., Khil'man, T. B., Ruzhitskiy, G. E. - Analysis of cortical effects on the cardiovascular system. *Nauch. dokl. vuz. khim. i med. nauk* 11 no. 11:33-37 '65.

Altkhov, I. Kh., Kars, I. P., Kichikova, I. A. - Effect of neuroleptics and neuroleptics on behavioral reactions evoked by electric stimulation of limbic cerebral structures. *Sovrem. psichotrop. sred.* no. 5:14-17 '67.

Altkhov, I. Kh., Vaiding, V. A., Iagor, I. P. - Differential influence of haloperidol and levodopa on the effects of acetylcholine and serotonin microinjections into the amygdaloid complex in rats. *Sovrem. psichotrop. sred.* no. 5:73-78 '67.

Avenitov, E. L., and others. - Changes in enzyme activity of gamma-aminobutyric acid metabolism in rat brain in ontogenesis. *Zhur. evol. biokhim. i fiziol.* 3 no. 3:443-446 S-O '64.

Akimov, G. I., Belogina, O. P., Orlov, A. P. - Reflexes from the mammary gland to the thyroid. *Fiziol. zhur. SSR* 54 no. 10:1215-1217 O '65.

Donskikh, V. M. - Study of the effect of psychotropic substances and the hypothalamohypophyseal mechanism. *Sovrem. psichotrop. sred.* no. 5:15-18 '67.

Batuov, A. S. - Analysis of the origin of the cortical conditioned response. *Fiziol. zhur. SSR* 54 no. 10:1215-1217 O '65.

Belik, I. A., Tishchenov, V. L. - Changes in the activity of acid phosphatase in brain tissues of rabbits in relation to age. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:232-238 Ji-Ag '64.

Belousov, P. I. - Prospects for raising the sensitivity of prosthetic application. *Protein. i protsestr.* no. 4:1-18 '65.

Belousov, P. I. - Heterochronous development of certain nuclei of the fifth and seventh cranial nerves in early embryogenesis of man. *Zhur. evol. biokhim. i fiziol.* 4 no. 2:28-293 My-Je '65.

512.8 (Continued)

- Bogdanov, M.K. - Diacephalic cardiac syndrome. *Vrach. delo* no. 1111-17 Ja '69.
- Bondarenko, T.Y. - Role of some brain parts in some epileptiform attack. *Neurofiziologiya* 11 no. 12:35-38 '68.
- Bondarenko, T.Y. and others. - Method of automatic photo-stimulation in the rhythm of cerebral bioelectricity with a selectively controlled system of feedback. *Fiziol. zhur.* 54 no. 10:1236-1243 O '68.
- Borov, I.I. - Effect of psychotropic substances on emotional reactions evoked by electric stimulation of the hypothalamus and central gray substance in cats. *Sovrem. psichotrop. sred.* no. 2:87-92 '67.
- Conditioned reflexes are not inheritable. *Prirada* no. 11: 118-119 '68.
- Dobrova, E.A., Gerasimov, M.M. - Oxidative metabolism in mammalian brain cortex. *Zhur. evol. biokhim.* 1 no. 2 no. 4:225-233 Ji-Ag '68.
- Dushanov, Z.R. - Lateralization of the sides of the rat body. *Uch. zap. LGU* no. 34:113-118 '68.
- Egorov, A.S. - Problems concerning the so-called motor systems. *Probl. tekh. psichol.* no. 4:154-157 '68.
- Egorov, A.S. - Special features of the reaction of selection under conditions of system replacement. *Probl. tekh. psichol.* no. 4:157-163 '68.
- Fedorov, V.S. - Effectiveness of mono- and bis-quaternary compounds disturbing neuromuscular transmission in newborn and adult rats and mice. *Zhur. evol. biokhim.* 1 no. 4 no. 3:226-242 My-Je '68.
- Galkovskaya, S.O. - Amino acids in anticipation and prospects for modeling them in an experiment. *Probl. tekh. psichol.* no. 4:143-154 '68.
- Garkala, A.A., Zakharenko, G.M. - Automation of the diagnosis of the functional status of the organism using electroencephalographic data. *Probl. tekh. psichol.* no. 4:150-161 '68.
- Golubeva, E.L. - Significance of reticular formation of nucleus for the first inspiration of newborn. *Zhur. evol. biokhim.* 1 no. 4 no. 4:278-287 Ji-Ag '68.
- Gribov, R.A. - Intracellular division of the activity of spinal cord neurons following stimulation of paleo- and neocortex in cats. *Zhur. evol. biokhim.* 1 no. 2 no. 4:358-366 Ji-Ag '68.
- Ilyin, K.P. - Subjective evaluation of stimulus of different intensity in man. *Uch. zap. LGU* no. 34:1102-1109 '68.
- Ivanov, S.I. - Motor functions of the adrenergic and cholinergic biliary ducts. *Klin. khir.* no. 10:18-20 O '68.
- Ivashina, A.K. - Seasonal rhythm of neoplasia in rats. *Zhur. evol. biokhim.* 1 no. 2 no. 4:329-340 Ji-Ag '68.
- Kakro, Kh.V. - Effect of extraneous stimulus on the reaction time depending on the conditions of sensory activity. *Uch. zap. LGU* no. 34:1136-1140 '68.
- Kalashnikova, A.A. - Morphogenesis of the spinal cord as spinal ganglia in man in embryogenesis. *Trudy Akad. - Alta. gos. med. inst.* 23:598-608 '68.
- Kamenskaya, L.L., Lisenkova, V.P. - Individual characteristics of time perception and of reactions to a moving object in children of 10-11 years of age. *Uch. zap. LGU* no. 34:1191-1197 '68.
- Kerzhavitskiy, Z.M. - Significance of the corpus callosum in the formation of bilateral temporary relationships with muscular stimulation. *Soob. AN Gruz.* 51 no. 3:763-768 S '68.
- Klyagina, I. - Changes in the motor characteristics under conditions of loads on the vestibular apparatus. *Uch. zap. LGU* no. 34:1133-1137 '68.
- Kobina, M.N., Zakharenko, M.M. - Resting potentials of different cell types in a nerve tissue culture. *Neurologiya* 10 no. 5:653-663 Ag '68.
- Kondratyev, V.P. - Symbolic form of the registration of algorithms for the operation of an operator. *Probl. tekh. psichol.* no. 4:118-120 '68.
- Korichev, M.G. - Changes in the electric activity of the gyrus cinguli and other brain structures following different behavioral reactions. *Soob. AN Gruz.* 50 no. 3:467-482 My '68.
- Korichev, M.G. - Effect of electrical stimulation and lumbar gyrus injury on the differentiation of conditioned feeding behavior and delayed reactions. *Soob. AN Gruz.* 51 no. 3:773-774 S '68.
- Koshlars, A.A. - Descending connections of phylogenetically different parts of cerebellum with spinal cord in cats. *Zhur. evol. biokhim.* 1 no. 2 no. 4:309-317 Ji-Ag '68.
- Krachenko, G.P. - Potentials affected in cerebral hemispheres of rats during stimulation of the hypothalamus. *Zhur. evol. biokhim.* 1 no. 4 no. 3:778-784 My-Je '68.
- Krapa, H.M., and others. - Phospholipids of intracellular particles and myelin sheaths of brain in vertebrates. *Zhur. evol. biokhim.* 1 no. 4 no. 3:211-223 My-Je '68.
- Krylov, A.A., Pakhomov, A.Y. - Dependence of the duration of a simple human visuomotor reaction on the time interval of the separating signal. *Probl. tekh. psichol.* no. 4:143-171 '68.
- Kucka, P.A., Lomon, B.Y. - Use of artistic means in architectural composition for regulating visual perception. *Probl. tekh. psichol.* no. 4:133-138 '68.
- Lipin, I.P., Afanasova, L.Kh. - Hypothesis on the possible role of the amygdaloid complex and hypothalamus under the effect of antidepressants. *Sovrem. psichotrop. sred.* no. 2:112-116 '67.
- Lopatin, I.A. - Lateral reflexes in ontogenesis of dogs with lesion of and convulsed cortex. *Zhur. evol. biokhim.* 1 no. 4 no. 3:248-264 My-Je '68.
- Lozovaya, G.R. - Adrenergic innervation of capillaries. *Zhur. evol. biokhim.* 1 no. 2 no. 4:407-409 S-O '68.
- Lutskaya, B.A. - Methodology of recording evoked potentials in frog under electric stimulation. *Neurofiziologiya* 11 no. 12:147-148 '68.
- Lichimov, K.I. - Correlation between the rhythms of cerebral bioelectricity and the completion of the location reflex in cows. *Fiziol. zhur.* 54 no. 10:1209-1209 O '68.
- Magnus, I.S., Gerasimov, V.D. - Effect of calcium ions on electric activity of the giant neurons of mollusk Tritonia diomedea. *Zhur. evol. biokhim.* 1 no. 2 no. 4:347-363 Ji-Ag '68.
- Martina, A.M. - Method of stereotaxic implantation of electrodes. *Fiziol. zhur.* 54 no. 10:1231-1233 O '68.
- Mitkov, V.P. - Role of the nervous system and hormones in regulation of enzyme activity in glucose-6-phosphate metabolism in kidneys. *Zhur. evol. biokhim.* 1 no. 2 no. 4:433-438 S-O '68.
- Milko, V.I. - Mechanism of the neurohumoral regulation in intracorporeal irradiation with relatively small doses of ionizing radiation. *Vrach. delo* no. 1:2-8 Ja '68.
- Mikhovskaya, T.P. - Afferent innervation of the gastric antrum stomach. *Neurofiziologiya* 11 no. 12:123-124 '68.
- Mironov, I.U. - Galvanic skin response in the study of the turn by means of electro current. *Fiziol. zhur.* 54 no. 10:1244-1245 O '68.
- Mozavina, P.A., Tikhonchik, B.T. - Isolated receptors of a variety of the moduli oblongata and spinal cord. *Bull. eksp. biol. med.* 67 no. 1:44-47 Ja '69.
- Naritskaya, S.P., Kachala, D.V., Timchenko, A.S. - Origin of the responses of associative cerebral cortex following excitation of optic vision systems. *Soob. AN Gruz.* 51 no. 3:747-753 S '68.
- Malchuk, T.A. - Delayed response in untrained dogs. *Soob. AN Gruz.* 51 no. 3:753-754 S '68.
- Osobchenko, V.V., Volkov, A.A., Moisey, S.G. - Use of a polyfactor method in evaluating psychological factors of an operator in a "man-machine" system. *Probl. tekh. psichol.* no. 4:157-159 '68.
- Orlov, I.V. - Neurophysiological mechanism of the effect of neoplasms. *Sovrem. psichotrop. sred.* no. 2:123-127 '67.
- Ostrovskaya, R.U., Krolavets, G.M. - Electrophysiological data on the effect of tryptamine and sodium hydroxytryptate on the hippocampus and neocortex. *Sovrem. psichotrop. sred.* no. 2:132-143 '67.
- Polevaya, I.I. - Role of some subcortical structures in the generation of emotion rhythm in rabbit electroencephalogram. *Neurofiziologiya* 11 no. 12:121-124 '68.
- Polevaya, I.I. - Effect of neurotropic substances on provoked aggressiveness in rats based on notches on the role of the limbic system in the regulation of emotional behavior. *Sovrem. psichotrop. sred.* no. 2:143-145 '67.
- Potapova, T.G., Rastvorova, M.A. - Mechanism of the role of the vagus nerve. *Fiziol. zhur.* 54 no. 10:1278-1283 O '68.
- Romashov, V.D. - Simple device for automatic analysis of the electroencephalogram. *Fiziol. zhur.* 54 no. 10:1281-1283 O '68.
- Rybalov, M.F. - Age-related changes in the spatial-discriminative function of the vision in adults. *Uch. zap. LGU* no. 34:1155-1157 '68.
- Sakharov, B.A., Eresman, A.A., Gribkova, M.S. - Secretory activity of the hypothalamus-hypophyseal-adrenal system in hypothermia. *Bull. eksp. biol. med.* 67 no. 1:128-130 Ja '69.
- Sergeev, N.G. - Content of noradrenaline and serotonin in physiologically different brain structures at rest and after injection of reserpine and iproniazide. *Zhur. evol. biokhim.* 1 no. 4 no. 3:195-198 Mr-Ap '68.
- Shchegolev, V.F., Anapol'skiy, I.T. - Microencephalographic analysis of the rhythm of flickering light in a state of relaxation. *Uch. zap. LGU* no. 34:1177-1183 '68.
- Shchegolev, V.S. - Automatic activity of synaphtic ganglia in ontogenesis of rabbits. *Zhur. evol. biokhim.* 1 no. 4 no. 3:114-118 Mr-Ap '68.
- Shveta, R.A., Khranova, R.M. - Oxidative phosphorylation in the brain and liver of warm-blooded animals in hypothermia and at the initial period of self-warming. *Vop. med. khim.* 54 no. 5:653-656 Mr-Ap '68.
- Shveta, R.A., Levina, V.A. - Effect of anoxia and hypoxia on behavioral reactions following electro-stimulation of some subcortical formations of the brain in cats. *Sovrem. psichotrop. sred.* no. 2:150-154 '67.
- Shchegolev, V.V. - Evoked bioelectric activity of the brain and its correlation with vegetative reactions in children. *Zhur. evol. biokhim.* 1 no. 4 no. 3:118-119 Mr-Ap '68.
- Shchegolev, V.V., Ledovskaya, V.A. - Releasing factors of the hypothalamus and their changes under the effect of some psychotropic substances. *Sovrem. psichotrop. sred.* no. 2:154-158 '67.
- Shchegolev, V.V., and others. - Activity of some structures of the limbic complex, and the mechanisms of the effect of anoxia and sodium amygdal. *Sovrem. psichotrop. sred.* no. 2:159-174 '67.
- Shchegolev, V.V. - Activity of neurons of the limbic complex in the course of transitional response. *Fiziol. zhur.* 54 no. 10:1283-1283 O '68.
- Shchegolev, V.V., Kalashnikova, M.I. - Central translocation of impulses coming from head receptors to the neurons of wing muscles in a locust. *Dokl. AN SSSR* 193 no. 3: 448-450 '68.
- Shchegolev, V.V., Shchegolev, V.I. - Conducting pathways of the sympathetic ganglia of the solar plexus in cats. *Fiziol. zhur.* 54 no. 10:1283-1283 O '68.
- Tikhonchik, B.T., Malchuk, T.A. - Effect of neuroleptic preparations lumazine, alazine, and haloperidol on the activity of single neurons. *Bull. eksp. biol. med.* 67 no. 1:46-48 Ja '69.
- Tikhonchik, B.T., Shchegolev, V.V. - Effect of anoxia and hypoxia on the reactions of stimulation and withdrawal in excitation of the nuclei of the hypothalamus in rats. *Sovrem. psichotrop. sred.* no. 2: 174-184 '67.
- Vartanov, G.A., Iakovlev, M.M. - Development of inhibition in spinal cord of kittens. *Zhur. evol. biokhim.* 1 no. 2 no. 4:363-368 Ji-Ag '68.
- Vedisev, V.P. - Neurophysiological analysis of the effect of tranquillisers and antidepressants on motor and electrographic reactions of limbic origin. *Sovrem. psichotrop. sred.* no. 2:158-160 '67.
- Vekker, L.M., Borov, E.M. - Relationship of structure and of the localization of sensor and motor fields in controlling operations. *Probl. tekh. psichol.* no. 4:108-118 '68.
- Volkova, I.M., Polevaya, G.I. - Symposium "Significance of mediators in the regulation of physiological functions." *Fiziol. zhur.* 54 no. 10:1253-1264 O '68.
- Zaritskiy, G.V. - Reaction of visceral vessels to the stimulation of cardiac vessels. *Fiziol. zhur.* 54 no. 10:1271-1278 O '68.
- Zaslavskaya, M.D., and others. - Use of parafocal sight in controlling the parameters of flight. *Probl. tekh. psichol.* no. 4:163-165 '68.
- Zinchenko, T.P., Moscovici, V.D. - Study of the visual search under the conditions of different density of signals in the information field. *Uch. zap. LGU* no. 34:1158-1159 '68.
- Zingerman, A.M. - Effect of statistical characteristics of afferent signals on the physical activity of the regulatory system in man. *Fiziol. zhur.* 54 no. 10:1261-1262 O '68.
- Zorka, Z.A., Pless, D.A. - Role of the hippocampus in the mechanism of antiepileptic and inhibiting effect of neoplasms and bromine. *Sovrem. psichotrop. sred.* no. 2:160-161 '67.

613.1 Climate factors

- Gorplev, T.B., Antonenko, V.V., Filipova, M.T. - Some data on strongyloidiasis. *Vrach. delo* no. 1:131-133 Ja '68.
- Khasenov, A.M. - Kumas treatment of pulmonary tuberculosis in elderly patients under conditions of alpine climate. *Trudy Akad. - Alta. gos. med. inst.* 23: 173-175 '68.

613.2 Diet and Feeds

- Bogdanov, M.S. - Food poisoning by gramin. *Vrach. delo* no. 1:143-145 Ja '68.
- Dobrynya, T.L. - Distribution of acid mucopolysaccharides in the muller layer of white rats under conditions of dry feeding and overfeeding. *Bull. eksp. biol. med.* 67 no. 1:91-94 Ja '68.
- Kalashnikova, M.S. - Effect of methionine insufficiency on the reactivity of the cellular elements of the connective tissue. *Trudy Akad. - Alta. gos. med. inst.* 23:602-604 '68.
- Korolev, I.U. - Effect of the nutrition regimen on the sebaceous secretion. *Vest. derm. i ven.* 38 no. 7:9-13 Ji '68.
- Lafkin, L.M., Mikhogovskiy, G.F. - Fast method of determining water microconcentrations in feces and lubricant-freeon matrices. *Khol. khim.* 45 no. 12:30-35 M '68.
- Moroz, I.U. - Effect of growth-inhibiting nutrition on the connective tissue of the skin of white rats of different ages. *Bull. eksp. biol. med.* 67 no. 1:143-148 Ja '68.
- Prans, L. - Changes in the neoplasia in cancer following chemotherapy depending on the factor of nutrition (protein and vitamins C and B). *Klin. i lech. stok. novobor.* no. 11:133-148 '68.
- Shchegolev, A.S. - Some data on the use of dried foods in the development of cancer. *Klin. onk.* no. 2:86-87 '68.

613.4 Body care and cleanliness

- Goltsberg, D.D., Rozantova, A.G. - Latex oostatic covers. *Prots. i protsostr.* no. 6:173-178 '68.

613.8 Occupational and industrial hygiene

- Abdullayev, D.M., and others. - Disinfection of antineoplastic and hypertension among workers of petroleum refining industry. *Azerb. med. zhur.* 48 no. 12:3-7 D '68.
- Bukharov, A.A. - Characterization of changes in some indices of peripheral blood in workers of synthetic rubber industry. *Azerb. med. zhur.* 48 no. 12:36-40 D '68.
- Danilov, V.I., Dynnik, V.I. - Improving the working conditions in the glass-reinforced plastic industry. *Vrach. delo* no. 1:115-119 Ja '68.
- Koshko, P.K., Padoeva, E.M., Kharpenko, G.L. - Incidence of tonsillitis and measures to reduce it in enterprises of the machine building industry. *Trudy Otd. med. i biol.* no. 1:139-143 '68.
- Makarov, K.A., and others. - Infection of workers of a poultry farm by *Mycobacteria* of the avian type. *Trudy Akad. - Alta. gos. med. inst.* 23:434-438 '68.
- Mikhaylov, I.L. - Study of hygienic radioprotective conditions in a radiobiological laboratory located in a properly adapted installation. *Trudy Khim. i tekhn. inst.* 37 no. 1:68-73 '68.
- Pototskiy, I.I. - Clinical aspects and prevention of "milk-maid's nodules" on cattle breeding farms. *Vest. derm. i ven.* 38 no. 12:38-31 D '68.
- Vidari, M.M. - X-ray picture of silicosis. *Azerb. med. zhur.* 48 no. 12:7-11 D '68.

61.3 (Continued)

- Konsev, M. F., Katsiv, A. S., Iakimovich, V. S. - Treatment of wounds, thrombophlebitis with trypan blue. *Klin. khir.* no. 11:22-25 N '64.
- Karpov, S. P., Fedorov, I. V., Selaznev, A. A. - Titration of specific serum preparations against tick-borne encephalitis. *Trudy TomNIIVS* 15:285-290 '64.
- Kazachev, V. P., and others. - Physical method of study of the coagulation properties of anti-encephalitic serum. *Trudy TSNIL NGMI* 1:79-82 '64.
- Kleiman, E. I., Stokrevich, A. A. - Effect of extensive immunization with pertussis-*Campylobacter* vaccine on some humoral factors of nonspecific immunity. *Trudy TomNIIVS* 15:222-223 '64.
- Kleiman, E. I., Stokrevich, A. A. - Phagocytic reaction as an indication of the immunobiological reactivity of the organism in extensive immunization with associated antigens. Report No. 3. *Trudy TomNIIVS* 15:248-249 '64.
- Kleiman, E. I., Stokrevich, A. A., Fedorov, I. V. - Some changes in the reactivity of the organism of animals producing medicinal sera, following immunization with tick-borne encephalitis virus. *Trudy TomNIIVS* 15:253-254 '64.
- Kleiman, E. I., Trukhanov, D. G., Stokrevich, A. A. - Role of preliminary immunization with associated bluetongue in the reaction of the organism to subsequent administration of vaccinia virus. *Trudy TomNIIVS* 15:255-256 '64.
- Kleiman, E. I., Vasil'ev, M. V., Stokrevich, A. A. - Change in the serum globulin to single immunization of experimental animals (rabbits and dogs) with associated antigen preparations. *Trudy TomNIIVS* 15:258-259 '64.
- Kleiman, E. I., Trukhanov, D. G., Stokrevich, A. A. - Treatment of hemorrhoids with *Pharmacia* dyestuff association. *Klin. khir.* no. 12:23-24 '64.
- Kozlovskiy, A. G., Kolodinskaya, M. V. - Use of prosthetic enzymes in the treatment of acute pulmonary emphysema. *Vrach. delo* no. 1:82-85 Ja '64.
- Krull, A. A., Farkas, L. M. - Methods for the determination of hydroxyproline in biological fluids and their use in clinical practice. *Vop. med. khim.* 14 no. 5:231-244 N-D '63.
- Kurman, L. M. - Immunological shifts in persons vaccinated against tick-borne encephalitis according to various schemes. *Trudy TomNIIVS* 15:306-308 '64.
- Kurman, L. M., Stokrevich, A. A. - Allergization of the organism in the process of vaccination against tick-borne encephalitis. *Trudy TomNIIVS* 15:313-315 '64.
- Kurman, L. M. - Late results in the treatment of *Q* fever with tetracycline. *Trudy Alma.-Ata. gos. med. inst.* 23:221-224 '64.
- Norokhshchikov, B. V. - Sensitizing and immunogenic properties of diphtheria antitoxin in the use of combined preparations. *Trudy TomNIIVS* 15:322-323 '64.
- Olina, A. - Excretion of enzymes in patients with breast cancer following hormonal load with testosterone propionate. *Klin. khir.* no. 1:75-79 '64.
- Orlov, V. A. - Transfusion of blood and plasma from convalescents in the compound treatment of burn disease. *Klin. khir.* no. 1:23-27 JI '63.
- Pachchenko, M. M., Pivovarov, K. P. - Flavonoid compounds of *Isatis tinctoria* L. *Farmaz. zhur.* 31 no. 6:47-48 '64.
- Pachchenko, M. M., Pivovarov, K. P. - Cholegogic preparation from *Isatis tinctoria* L. *Farmaz. zhur.* 31 no. 6:48-49 '64.
- Prager, G. M., Prager, S. M. - Bilirubin level in the blood serum of horses following their immunization with active antigens and during hemorrhages. *Trudy TomNIIVS* 15:324-325 '64.
- Prager, S. M., Pukhov, I. I. - Calcium and magnesium levels in blood sera of horses during hyperimmunization with tetanus antitoxin and during hemorrhages. *Trudy TomNIIVS* 15:327-328 '64.
- Prezishchikova, E. M. - Effect of active X irradiation on the agglutination reaction in animals vaccinated against whooping cough. *Trudy Alma.-Ata. gos. med. inst.* 23:204-206 '64.
- Prilutskaya, L. M., Davydov, V. T. - Using the two-stage refrigerating apparatus AK-PD8-1A in vacuum sublimation desiccation of smallpox vaccine. *Trudy TomNIIVS* 15:364-367 '64.
- Roman, S. G., Lamed, N. G. - Secretion of gastric juice in dogs under the effect of excessive ACTH and prednisolone. *Physiol. zhur.* 54 no. 10:1232-1233 O '64.
- Savitskiy, P. A. - Acute adrenal insufficiency in surgical interventions following treatment with steroid hormones. *Klin. khir.* no. 7:71-73 JI '63.
- Shel'bo, P. G. - Local use of corticosteroids in surgery. *Klin. khir.* no. 7:3-9 JI '63.
- Shel'bo, A. G. - Changes in the secretory functions of the pancreas and liver following adrenocortical administration. *Vrach. delo* no. 1:74-77 Ja '64.
- Sonko, A. M. - Use of corticosteroids and ACTH in the treatment of experimental acute pancreatitis. *Klin. khir.* no. 10:46-48 O '64.
- Sulzer, I. M. - Effect of helminth invasion on the allergic reorganization of the body in children vaccinated against tuberculosis. *Probl. tub.* 43 no. 1:78-80 '63.
- Tarasova, N. R. - Effect of immunization on the occurrence of whooping cough based on materials of the railroad pediatric polyclinic of Riga station. *Sbor. trad. vrach. Prikl. shkol. dor.* no. 4:122-123 '64.
- Teklov, M. F. - Providing the abdominal aorta with prostheses of a vascular autograft reinforced by a sleeve of decalcified bone; experimental research. *Trudy I-go MGII* 30:318-322 '64.
- Timoshukova, M. K., Brofey, V. S., Karginova, M. S. - Possible utilization of attenuated tick-borne encephalitis virus in the production of serum. *Trudy TomNIIVS* 15:333-334 '64.
- Timoshukova, M. K., Tardilskaya, M. G., Brofey, V. S. - Specific activity of γ -globulin obtained from horses immunized with attenuated tick-borne encephalitis virus. *Trudy TomNIIVS* 15:335-336 '64.
- Yagorova, A. I., Khatenova, M. L. - Materials on a comparative study of substrate of BCG. *Probl. tub.* 43 no. 1:61-62 '64.

- Yagorova, A. I. - Some problems in serology of *Mycobacterium tuberculosis*. *Trudy TomNIIVS* 15:334-336 '64.
- Trukhanov, D. G. - Effect of multiple inoculations with compound associated vaccines on the development of immunity to very or newly administered antigen. *Trudy TomNIIVS* 15:337-340 '64.
- Trukhanov, D. G., Kolodinskaya, M. V. - Possibility to test the reactivity of various vaccines according to their cytotoxicogenic effect on tissue cultures. *Trudy TomNIIVS* 15:341-342 '64.
- Vasil'ev, M. V., and others. - Further studies of possible obtainment of dry vaccines against tick-borne encephalitis under industrial conditions. *Trudy TomNIIVS* 15:343-344 '64.

61.4 (Continued)

- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:206-207 '64.
- Dobbin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. *Trudy Alma.-Ata. gos. med. inst.* 23:208-209 '64.
- Mikhalevskiy, T. K. - Phytochemical study of *El* and *Delonix* delonix, growing in Kazakhstan. *Trudy Alma.-Ata. gos. med. inst.* 23:210-211 '64.
- Vallada, G. M. - Comparative study of *El* and *Delonix* delonix. *Trudy Alma.-Ata. gos. med. inst.* 23:212-213 '64.
- 61.4 (Continued) - Kazakh S. S. R.
- Debtin, M. S. - Medicinal plants of

618.7 (Continued)

- Orlov, V. A. - Using lidase in the treatment of herpes and stenosis of the esophagus. *Trudy OMI* no. 50:188-195 '64.
- Orlov, V. A. - Cardiovascular disorders in some viral diseases and their prevention. *Vrach. delo* no. 1: 127-131 Ja '69.
- Orlov, V. A. - Effect of cocaine and cocaine on tissues of the oral cavity in rabbits. *Trudy Alma.-Ata. gos. med. inst.* 23:487-490 '64.
- Orlov, V. A. - Effectiveness of histidine in decomposition defects of the heart. *Trudy Alma.-Ata. gos. med. inst.* 23:52-57 '64.
- Orlov, A. P. - Anaphylactic shock due to administration of streptomycin. *Vrach. delo* no. 1:145-147 Ja '69.
- Orlov, A. P., Lebedeva, M. V., Melnikov, N. M. - From the field of organic insectofungicides. Interaction of α -1 chlorides of α -alkylaminoalkyl- and benzothio-phenylacids with thioesters. *Zhur. ob. khim.* 36 D '63.
- Orlov, V. V., Shubinskaya, L. V. - Chemoprophylaxis of tuberculosis in children coming from bacillary herd and having negative Pirquet reaction. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, G. L. - Closed lesion of the pancreas complicated by duodenal obstruction. *Klin. khir.* no. 15: 71-72 O '63.
- Orlov, M. I. and others. - Field of organic insectofungicides. α -1 chlorides of some α -O-dialkyl-O-acylary-phenylacids and thioesters. *Zhur. ob. khim.* 36 D:1234-1236 O '63.
- Orlov, S. L., Balda, V. D. - Effect of hexamethonium on the function of the adrenal cortex under clinical and experimental conditions. *Klin. khir.* no. 7:9-11 JI '63.
- Orlovskaya, T. A., Gorbatenko, V. D. - Chemotherapy of lymphogranulomatosis. *Klin. onk.* no. 2:221-226 '63.
- Orlov, A. S., Kryzhan, B. T. - Regional chemotherapy in breast cancer. *Trudy Alma.-Ata. gos. med. inst.* 23:395-398 '65.
- Orlovskiy, S. I., Nuriddinov, R. M., Orlovskiy, S. I. - Alkaloids of *Leontodon Albitus*. *Khim. prirod. soed.* 3: 55-56 JI '67.
- Orlovskiy, V. I., Myrdra, L. I., Pavlovskaya, L. G. - Resistance of the virus of canine hepatitis to disinfectants. *Trudy TIRDI* no. 14, pt. 1:26-28 '67.
- Orlov, I. P. - Chemotherapy in compound treatment of malignant tumors of the breast. *Klin. onk.* no. 2:230-232 '63.
- Orlov, G. A. - Treatment of gastroenterocolic diverticula. *Khirurgiya* 41 no. 5:31-34 Ja '65.
- Orlovskiy, N. I. - Treatment of thermal burns with dispersed ointment under anesthetic conditions. *Klin. khir.* no. 7:78-80 JI '63.
- Orlovskiy, N. I. - Action of tuberculin preparations on carbonyl-phosphorus metabolism in the liver and lungs of tuberculous-infected animals. *Vop. med. khim.* 14 no. 6:601-605 N-D '68.
- Orlovskiy, B. A., Tutubashvili, M. M., Malafayev, M. M. - From the field of organic insectofungicides. Thio- α -chlorides of α -O-dialkyl-O-acylary-phenylacids and thioesters. *Zhur. ob. khim.* 36 D:1234-1236 D '63.
- Orlovskiy, I. A. M. - Calcium parathyroids as an antidote to antiparasitic mycotoxicosis. *Klin. khir.* no. 15: 9-11 N '63.
- Orlovskiy, O. K. - Effect of synthetic and synthetic B on the course of experimental generalized osteitis in rabbits. *Trudy GDUV* no. 41:188-189 '64.
- Orlovskiy, O. K. - Effect of radiation sickness and corticosteroids on the course of osteitis. *Trudy GDUV* no. 41:188-189 '64.
- Orlovskiy, M. M. - Effect of antibiotic and disorders of the vitamin and hormone balance on the formation of anticandida immunity. *Trudy GDUV* no. 41:188-189 '64.
- Orlovskiy, Z. V. - Some characteristics of the development of pathogenic mechanisms of cholesterolemia, and the characteristics of neurotropic antibodies. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, L. M., and others. - Lateral neovascular block in Pott's triangle. *Klin. khir.* no. 13:34-37 D '63.
- Orlovskiy, B. A. and others. - Sensitivity of monocytes of an intestine with hypertrophic sympathetic innervation to noradrenaline. *Fiziol. zhur. SSSR* 54 no. 10:1112-1123 O '68.
- Orlovskiy, P. A., Zakharenko, V. I. - Morphological changes of the mucous membrane of the upper respiratory tract and muscular elements of the brain under the effect of griseofulvin. *Trudy OMI* no. 50:145-146 '64.
- Orlov, I. P., Alfimova, L. Kh. - Hypothesis on the possible role of the amygdaloid complex and hypothalamus under the effect of antidepressants. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlov, F. A., Slasheva, V. B. - Distribution of the reinforcing systems of the central brain under the effect of anesthetic and analgesic. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlov, V. - Activity of aminotransferases in the liver, blood plasma, and tissues in rats with sarcoma M-1 under the effect of Thio-TEPA and synovium. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlov, V., Strogala, V., Baza-Shedman, M. V. - Some biological features in sarcoma-bearing rats treated with Thio-TEPA in combination with synovium. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlovskiy, L. G. - Qualitative differences in choline receptors of normal and diseased fibers of rat diaphragms. *Zhur. evul. biochim. i fiziol.* 1 no. 2:441-443 O '64.
- Orlovskiy, L. G., Prokhorova, M. A. - Study of the chemical structure of the antibiotic alibicyclo. Part 15. Direct determination and study of the stability of hydroxamate bond in the alibicyclo molecule. *Zhur. ob. khim.* 36 no. 10:1221-1223 '63.
- Orlov, L. V. - Tachycardia and anatomical basis of a subepicardial neovascular block. *Klin. khir.* no. 11:18 N '63.

- Orlovskiy, L. V. - Fluorographic study of functional changes in the large intestine under the influence of atropine in gastrointestinal cancer. *Azerb. med. zhur.* 45 no. 12: 13-14 D '64.
- Orlovskiy, O. R. - Comparative evaluation of the effect of ionizing irradiation, Thio-TEPA, and their combined administration on some blood indices in rats with sarcoma M-1. *Klin. i lech. slok. novobraz.* no. 11:273-280 '61.
- Orlovskiy, V. M. - Allergic reaction to neovascular. *Vrach. delo* no. 1:145-146 Ja '69.
- Orlovskiy, M. A. - Results of the use of thiophosphoramide in the treatment of gastric cancer. *Klin. onk.* no. 2: 271-280 '63.
- Orlovskiy, V. A., Lashch, V. L., Sigalov, I. U. A. - Spirometric control of the action efficiency of prosthetic as an antidote to muscle relaxants. *Klin. khir.* no. 6: 54-55 S '65.
- Orlov, V. G. - Case of traumatic rupture of the pyloric base with loop prolapse of the small intestine. *Klin. khir.* no. 9:25 O '64.
- Orlovskiy, L. N. - Late results in the treatment of de Quervain's thyroiditis. *Trudy Alma.-Ata. gos. med. inst.* 23:133-134 '65.
- Orlov, I. V. - Neurophysiological mechanism of the effect of neoprene. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, R. I., Krotovskiy, G. M. - Electrophysiological data on the effect of triptamine and sodium hydroxybutyrate on the hippocampus and neocortex. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, M. A. - Effect in the treatment of Mohr's plaques. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, M. A. and others. - Study of the chemical structure of the antibiotic alibicyclo. Part 14. Optical rotatory dispersion of linear and cyclic isomers. *Klin. khir.* no. 13:34-37 D '63.
- Orlovskiy, L. G. - Effect of neurotropic substances on provoked aggressiveness in mice based on notions on the role of the limbic system in the regulation of emotional behavior. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, R. A., Bulgakov, P. P., Korotkova, G. M. - Complications in subarachnoid anesthesia. *Klin. khir.* no. 11:18 N '63.
- Orlov, L., Baza-Shedman, M. V. - Study of the homeostatic effect of synovium according to the data of blood and bone marrow in healthy experimental animals and those with tumors treated with Thio-TEPA. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlovskiy, R. V., Barada, K. V., Kallabek, O. M. - Significance of histamine and its metabolism in the pathogenesis of tuberculosis in young children. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, V. A., and others. - Late results of the use of biotin-1 in the treatment of fresh pyelitis. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, A. A., Krasovskiy, I. U. P., Yostobolskiy, L. A. - Intramuscular administration of various doxins. *Vrach. delo* no. 1:145-146 Ja '69.
- Orlovskiy, V. - Effect of serotonin and tryptophan on the blood picture and blood serum protein tryptophan in leprosy patients with malignant neoplasms. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlov, V. A. - Changes in the resistance of the organism and its tissues to adrenocortical hormones following neoplastic training and clinical effects. *Neuch. dokl. vyz. shkoly biol. i med. i no. 11:34-35 '68.*
- Orlovskiy, R. A. - Experience in the treatment of aortic aneurysms with synovium. *Trudy GDUV* no. 41:140-143 '64.
- Orlovskiy, O. L., Kuznetsov, A. L. - Effect of some derivatives of the piperidine series on the course of the disease. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, M. S. - Reaction to cytochrome in dogs following acute hemorrhage. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, M. M. - Late results in the treatment of tuberculous meningitis without the subarachnoid administration of drugs. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, L. I. - Treatment of neglected forms of cancer of the stomach. *Klin. onk.* no. 2:273-274 '63.
- Orlovskiy, M. M., Dotsenko, V. G. - Radiography in duodenal ulcer following mineral water treatment. *Vrach. delo* no. 1:145-146 Ja '69.
- Orlovskiy, A. M., Shakhmatov, I. T., Tikhonov, S. L. - Triphasic analgesia in minor surgery. *Klin. khir.* no. 11:18 N '63.
- Orlovskiy, O. K., Krupin, M. I. - Treatment of pericarditis with corticosteroids and neovascular blocks of the parietal nerves. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, I. A. - Devitalization of the pulp with paraformaldehyde. *Sov. trud. vrach. Prikl. shkol. dok.* no. 4:288-289 '66.
- Orlov, M. A. - Two cases of the Paget - Schroeder syndrome. *Klin. khir.* no. 12:71-73 '64.
- Orlovskiy, F. I. - Analysis of the function of the liver in thrombocytosis of the extracell. *Trudy I-go MIMI* 30: 247-248 '64.
- Orlovskiy, I. U. K., Baza, B. A., Krasovskiy, G. D. - Use of protective silicon cortex in the treatment of dermatitis. *Vest. dermat. i ven.* 30 no. 12:71-73 '64.
- Orlov, V. B., Levina, F. A. - Effect of analgesic and antispasmodic on behavioral reactions following electrostimulation of some subcortical formations of the brain in rats. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, V. F. - Treatment of hemorrhoids by injections. *Klin. khir.* no. 13:34-37 D '63.
- Orlovskiy, K. V., Lebedeva, V. A. - Resulting factors of the hypochromic and their changes under the effect of some psychotropic substances. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, O. A. - Effect of some biologically active substances on the growth, development, and viability of cells. *Trudy Vsesoyuz. nauch. inst. khim.* no. 7: 330-334 '67.

- Orlovskiy, T. N., and others. - Activity of some structures of the thalamic complex and the mechanism of the effect of nymphae and yohimbin. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, A. I. U. - Treatment of hemangiomas by laser chemical ablation. *Klin. onk.* no. 2:273-274 '63.
- Orlovskiy, L. G. - Changes in the aerodynamic properties following intracranial administration of biotin. *Exptl. med.* 43 no. 1:1-2 '64.
- Orlovskiy, G. A., Lashch, V. L., Sigalov, I. U. - Evaluation of biotin and its influence on the effectiveness of antibiotic treatment of pulmonary tuberculosis. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, V. M. - Rare complications in pericarditis. *Klin. khir.* no. 10:17-18 '64.
- Orlovskiy, K. M. - Inactivation of placental, placental and maternal in the organisms of laboratory animals. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, L. N., Krotovskiy, G. M. - Effect of amphetamine and its derivatives on the reaction of animals and withdrawal in the condition of the model of the hypothalamus in rats. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, G. M. - Side effects of antibiotics. *Trudy Alma.-Ata. gos. med. inst.* 23:133-134 '65.
- Orlov, V. V., and others. - Use of chemotherapy in the method of prolonged intravascular infusion in some localizations of malignant neoplasms. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlovskiy, V. I., and others. - Preliminary data on the effect of new disinfectants from the group of the active salts of quaternary ammonium bases. *Trudy TIRDI* no. 14, pt. 1:26-28 '67.
- Orlovskiy, P. P. - Neurophysiological analysis of the effect of triptamine and hydroxytryptamine on motor and graphic reactions of limbic origin. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlov, A. M., and others. - Mechanism of the effect of heparin in lesions of the deep cerebral structures. *Sovrem. patol. sred.* no. 2:153-157 '67.
- Orlovskiy, A. M., Lashch, V. L., Sigalov, I. U. - Inactivation of hydroxytryptamine and its derivatives in the organisms of patients and resistance of hydroxytryptamine to drugs. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, R. A., and others. - Effect of synthetic and natural analogs of hormones in the treatment of rickets. *Med. rad.* 13 no. 11:64-67 M '68.
- Orlovskiy, M. K. - Effectiveness of furosemide in the treatment of tamibulin in preschool children. *Sov. trud. vrach. Prikl. shkol. dok.* no. 4:288-289 '66.
- Orlovskiy, V. E. - Effect of atropine and morphine on the motor function of the stomach. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, V. E., Grendel, D. M. - Effect of atropine and morphine on the motor-sensory function of the stomach: X-ray and electrogastrographic studies. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, G. K. - Changes in the picture of blood serum proteins in patients with malignant neoplasms during chemotherapy combined with synovium. *Klin. i lech. slok. novobraz.* no. 11:267-272 '61.
- Orlovskiy, L. V. - Case of cocaine intoxication in bronchocopy. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, M. M. - Allergy in drugs. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, M. M., Vopokov, L. M. - Experience in the use of apelin plavon in the treatment of psoriasis. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, L. V. - Effect of cocaine intoxication in bronchocopy. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, M. M. - Allergy in drugs. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, V. A., Vopokov, L. M. - Experience in the use of apelin plavon in the treatment of psoriasis. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.
- Orlovskiy, L. V. - Effect of cocaine intoxication in bronchocopy. *Probl. tub.* 43 no. 5:11-12 '65.
- Orlovskiy, M. M. - Allergy in drugs. *Vest. dermat. i ven.* 30 no. 12:43-44 D '64.

618.7 Physiotherapy and other treatments

- Orlovskiy, T. A. - Treatment of pyroclastic patients with sulfide baths combined with radiotherapy. *Azerb. med. zhur.* 45 no. 12:13-14 D '64.
- Orlovskiy, P. I. - Laser therapy in dermatology. *Probl. protseess.* no. 4:84-88 '63.
- Orlovskiy, M. P., and others. - Late sequelae of the action of the diaphragm in man. *Med. rad.* 13 no. 11:64-67 M '68.
- Orlovskiy, V. A. - Use of ultrasonic in compound treatment of fractures of the long tubular bones. *Trudy I-go MIMI* 30:211-212 '64.
- Orlovskiy, T. S., Shakhmatov, I. T., Shakhmatov, K. V. - Effectiveness of treating pulmonary cancer with ^{60}Co radiation and bromocryptine of 4,5 MeV energy. *Med. rad.* 13 no. 11:64-67 M '68.
- Orlovskiy, A. G. - Changes in the reactivity of the organism in chronic tonsillitis following physiotherapy of the palatine tonsils. *Trudy OMI* no. 50:145-146 '64.
- Orlovskiy, A. G. - Changes in the reactivity of the organism in chronic tonsillitis in connection with X-irradiation of the tonsils. *Trudy OMI* no. 50:145-146 '64.
- Orlovskiy, L. L. - Effect of physical culture on the course of pregnancy and labor. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, A. M. - Kinetic treatment of pulmonary tuberculosis in elderly patients under conditions of alpine climate. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '63.
- Orlovskiy, V. D. - Significance of alcoholism in certain subarachnoid. *Vrach. delo* no. 1:145-146 Ja '69.
- Orlovskiy, G. K., Gerasimov, N. G., Tikhonov, A. V. - Distribution of ^{22}Na in the body following intravenous injection and the morphological changes in the thyroid gland. *Med. rad.* 13 no. 11:64-67 M '68.

61.3 (Continued)

Kislov, M. I., Fridland, I. B. - Content of some amino acids in the erythrocytes and plasma following radiotherapy of lymphogranulomatosis. Med. rad. 13 no. 11: 11-16 N '65.

Lapin, R. - Calculation of absorbed radiation doses in intravenous introduction of colloidal Au¹⁹⁸ solution. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Lavrenko, T. O. - Some criteria of individual planning of radiotherapy of malignant tumors. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mal'nev, T. M., Mironovskaya, G. V., Mel'bard, I. I. - Selection of the conditions of large focus skin diseases chemotherapy of malignant tumors of the palatine tonsilla. Med. rad. 13 no. 11:187-192 '65.

Margolis, G. R. - Comparative evaluation of the effect of feeding irradiation, Thio-TEPA, and their combined administration of some blood indices in rats with sarcoma M-L. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Yilavich, A. L. - Dynamics of electric permeability of the skin (Boaschall's test) in chronic dermatoses under staged treatment. Vest. dermat. i ven. 39 no. 12:10-16 D '65.

Mil'ko, V. L. - Mechanism of the neurohumoral regulation in intracerebral irradiation with relatively small doses of ionizing radiation. Vrach. delo no. 11:2-8 Ja '66.

Orlovskii, A. A., Tatarskiy, I. V. - Prolonged providing of artificial respiration through a tracheostoma in severe cerebral trauma. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Perlov, A. S., Kostromina, R. M., Titova, V. A. - Intracerebral gamma-therapy of tumor of the cervix uteri based on the afterglow principle. Med. rad. 13 no. 11:3-8 N '65.

Pogorelskiy, M. S. - State of bioelectrical activity of the cerebral cortex in patients with non-healing ulcers of traumatic origin. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Rada, I. M., Chernykh, I. A., Kirishchik, V. I. - Determination of ^{32}P in the body by means of preparation of osseous tissue. Med. rad. 13 no. 11:81-85 N '65.

Ramk, G. K. - Experience in the use of oxygen in radiotherapy of pulmonary cancer. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Sukhov, B. A., Krenova, S. A., Ost'yan, M. S. - Secretory activity of the hypothalamus-hypophysis-adrenal system in hypothermia. Biol. eksp. biol. i med. 41 no. 1:15-18 Ja '66.

Sushchik, V. I. - Biological effect of high energy bremsstrahlung in radiotherapy. Med. rad. 13 no. 11:84-88 N '65.

Stipitskiy, I. U. - Effect of compound treatment with electrotherapy and hypnosis in neurodermatitis according to electroencephalographic indicators. Vest. dermat. i ven. 39 no. 12:10-16 D '65.

Maria, L. G. - Large focus skin distance X-ray therapy of hypophyseal adenomas. Med. rad. 13 no. 11:83-84 N '65.

Kryak, B. O. - Training in a discharge-absorbent apparatus following injury of the muscles of the arm and elbow joints due to polyomyelitis. Prot. i prot. prot. no. 6:104-108 '65.

Mishchenko, V. M. - Late radiation injuries following radiotherapy of skin cancer. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mel'nikova, A. A. - Electric shock at the initial stage of radiation sickness. Trudy Alma.-Ata. gos. med. inst. 23:177-181 '66.

Ther, L. L., Starikov, M. S., Chashchikyan, M. N. - Skeletal changes following radiotherapy. Med. rad. 13 no. 11:83-84 N '65.

Polov, F. G., Stankova, A. I. A. - Role of oxygen therapy in preoperative preparation of patients with malignant tumors of the 6th stage. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Polov, F. G. - X-ray, radiation, and surgical method is composed treatment of bronchopulmonary cancer. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Volynskiy, K. I., and others. - Measurement of the dose of neutron radiation during treatment by means of linear accelerator and betatron. Med. rad. 13 no. 11:83-84 N '65.

Volynskiy, K. I. - Treatment of hemotransfusion shock with exchange transfusion: experimental study. Trudy Alma.-Ata. gos. med. inst. 23:187-199 '66.

61.8 (71, 83)—Krasnodar Territory

Dobryshchik, S. L., Lavrov, V. P. - Histocytological studies of some dermatoses in patients under treatment at the Pechel' Health Resort. Vest. dermat. i ven. 39 no. 7:44-52 JI '65.

61.9 Toxicology. Poisons

Artyukov, S. S., Margal, I. A. - Capillary toxicosis in surgical practice (purpura abdominalis). Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Agashev, M. S. - Food poisoning by granosin. Vrach. delo no. 11:2-8 Ja '66.

Bykov, L. A. - Absorption of synthetic fatty acids by skin. Med. rad. 13 no. 11:81-85 N '65.

Dudchenko, L. P. - Clinical aspects and treatment of phthalophen poisoning. Vrach. delo no. 11:2-8 Ja '66.

Dudchenko, T. V. - Experimental data on the toxicity of the herbicide "Talan". Vrach. delo no. 11:119-121 Ja '66.

Gordienko, M. M. - Poisoning by vinegar essence. Vrach. delo no. 11:140-143 Ja '66.

Korotkiy, O. I. - Clinical aspects of capillary toxicosis. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mikh, M. I. - Toxicologic toxicosis. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mikh, A. P. - Acid poisoning by ammoniac water. Vrach. delo no. 11:143-144 Ja '66.

Bergman, A. G., Balashov, S. B. - Effect of the membrane-condensing substances of food venous on the secondary permeability of the vascular barriers and sorption properties of tissues in irradiated animals. Trudy Alma.-Ata. gos. med. inst. 23:207-212 '66.

61.6 Disease. Pathology and medicine

Gervanov, V. B. - Late complications of intracerebral injections in arteritis obliterans. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Trota, V. I., Omdar, L. P. - Diagnostic significance of fluorescent microscopy in the detection of Mycobacterium tuberculosis in pathological material. Probl. lab. 43 no. 10:72-74 '65.

616 (374)—Kazakh S. S. R.

Il'ia, I. V. - Mordbilly in children of Alma-Ata. Trudy Alma.-Ata. gos. med. inst. 23:360-362 '66.

616.08 Mental processes. Lesions

Pril'eva, M. A. - Foreign body left in the frontal sinus during postoperative treatment. Trudy OMI no. 50: 228-234 '64.

Kozlov, M. Kh. - Analyzing the causes of fatality in generalized epilepsy following outpatient abortions. Trudy OMI no. 57:229-232 '64.

Kuznetsov, V. M., Shcheglov, K. L. - Foreign body in the bronchus, complicated by pneumothorax, pulmonary abscess, suppurative tracheobronchitis, and pneumonia. Trudy OMI no. 50:241-243 '64.

Orlik, V. A., Dotashko, M. S. - Sarcoma of both kidneys. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Shcheglov, K. L. - Reaction to cytotoxic drugs following acute hemorrhage. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Volynskiy, M. A. - Treatment of hemotransfusion shock with exchange transfusion: experimental study. Trudy Alma.-Ata. gos. med. inst. 23:187-199 '66.

Zabolotnyy, M. D. - Bronchopneumonia as a supplementary examination of patients with lung cancer under conditions of an oncological dispensary. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Khelozov, K. E., Dushkevich, I. U. M. - Techniques used in the exsorption of hard-to-remove foreign bodies from the bronchi. Trudy OMI no. 50:238-240 '64.

616.001 Traumatic lesions, injuries, burns, etc.

Artemov, A. M. - Symptoms of acute abdomen in closed traumas of the thorax. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mel'nikova, M. A., Mel'nikov, V. P. - Significance of antibiotic therapy in the treatment of traumatic fractures of the mandible. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Chernobrov, N. P. - Spontaneous separation of an intestinal invagination of 5-month duration. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Yal'tova-Kaliko, E. L., Amosova, E. A. - Pseudotumorous syndrome following a so-called "light" closed cranio-cerebral trauma. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Gerasimovskiy, V. G. - Treatment of subcutaneous paronychia rural amblyopia. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Gilferova, A. B. - Course and guidelines of pregnancy and labor following surgery on the hour. Trudy OMI no. 57:229-232 '64.

Gilferova, A. B., Bada, B. L., Denisenko, P. A. - Characteristic-gynecological traumata. Trudy OMI no. 57:229-232 '64.

Gilferova, V. A. - Using kidneys in the treatment of burns and edema of the esophagus. Trudy OMI no. 50:241-243 '64.

Marozovskiy, E. I. - Classification of otitis mediae. Trudy OMI no. 50:241-243 '64.

Isaev, I. G. - Monoclonal plasty in combined gunshot wound of the vessels. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Isaev, I. G. - Study of the microflora of wound exudate in gunshot wounds under experimental conditions. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Kashkov, A. P. - Treatment of traumatic dislocations. Trudy i go MMI 30:294-300 '64.

Kholod, K. M. - Rare observation of a penetrating wound of the cranium. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Kaplan, A. I., and others. - Results of examining the functional state of the external respiration in nonpenetrating wounds of the lungs. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Khrushchov, O. P. - Basic features of microcirculation in traumatic shock based on intravital microscopic data of the mesopodix in rats. Biol. eksp. biol. i med. 47 no. 110:15-18 Ja '66.

Kozina, A. V., Kozina, R. I. - Aortic perforating ulcers of the gastrointestinal tract in burn diseases. Khirurgiya 41 no. 6:58-64 Je '66.

Leichik, M. R. - Experimental plastic surgery for the closure of traumatic defects of the tracheal wall. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Mel'nikova, M. P., Korzh, A. A. - Intracerebral closed fractures. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Orlovskiy, A. A., Tatarskiy, I. V. - Prolonged providing of artificial respiration through a tracheostoma in severe cerebral trauma. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Pokrasnik, M. I. - Traumatism in a rural-type district. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Prokhorov, I. A. - Acute invagination due to a blunt abdominal wound. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Rukh, M. I. - Traumatic toxicosis. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Shcheglov, M. G. - Traumatic ruptures of the bronchus in the genesis of pulmonary abscesses. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Strandberg, V. I., and others. - Foreign bodies in the lungs. Trudy i go MMI 30:277-287 '64.

Sukhoruchenkov, A. A., Omdar, V. A., Karpis, J. - Treatment of cranio-cerebral trauma according to clinical materials. Trudy Alma.-Ata. gos. med. inst. 23:317-319 '66.

Tarakanov, L. D. - Penetrating thoracic and thoracoabdominal wounds. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Tikhonova, G. I. - Effect of femoral arteriotomy about on hemodynamics under conditions of traumatic shock. Trudy Alma.-Ata. gos. med. inst. 23:134-136 '64.

Usacheva, E. M. - Some problems of chemical trauma of the esophagus from ethylmorphine viewpoint. Trudy OMI no. 50:241-243 '64.

Verbenko, B. M. - Traumatic lesions of the gallbladder. Khirurgiya 41 no. 6:128-129 Je '66.

Xisov, P. F. - Isolated closed lesion of the descending. Khirurgiya 41 no. 6:128-129 Je '66.

616.008 Neoplasms. Tumors. Sarcoma. Polyps, etc.

Andreev, O. V. - Echinococcosis of the pancreas. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Agapov, K. M. - Disorders of the basal metabolism in cancer of the lungs. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Artyukov, S. S. - Some controversial problems of the correlation between the organs and tumors. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Artyukov, T. V. - Adenocarcinoma of the erythrocytic stroma in healthy persons and in cancer patients. Trudy TormNIIV 15:160-171 '64.

Balashov, K. P., and others. - Some experimental effects on the growth of malignant tumors. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Balashov, K. P. - Frequency of neoplasms in chronic inflammatory processes of the adenoma uteri. Trudy Alma.-Ata. gos. med. inst. 23:317-319 '66.

Balashov, K. P. - Clinical aspects of a late-period and medical aspects of the capacity for work following resection of the stomach for cancer. Vrach. delo no. 11:2-8 Ja '66.

Balashov, K. P., Mel'nikov, V. S., Mel'nikova, I. M. - Postpartum hemorrhage of the vagina and vulva. Trudy OMI no. 57:229-232 '64.

Bass-Shadkhan, K. F. - Progeria level in the blood serum of rats treated with combination of syngeneic and Thio-TEPA. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Bass-Shadkhan, K. F., Katsenfeld, K. K. - Protein fractions of the blood serum in sarcomatous rats treated with combination of syngeneic and Thio-TEPA. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Bashkova, A. P. - Bilateral obstruction due to cancer of the large intestine. Trudy i go MMI 30:277-287 '64.

Bilskiy, E. - Combined gastrectomy, splenectomy, and resection of the pancreas for gastric lymphogranulomatosis. Khir. i tekhn. kib. novobras. no. 11:187-192 '65.

Bilskiy, E. - Nodular goiter and cancer of the thyroid gland. Khir. i tekhn. kib. novobras. no. 11:187-192 '65.

Bromberg, V. - Atypical symptoms of cells of gastric cancer according to data of exfoliative cytology. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Chukharenko, D. P. - Otolaryngeal epistaxis of the pericardium. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Degor, V., Dorosh, M. - Professor Frits Hiltz Doctor of Medical Sciences; obituary. Med. rad. 13 no. 11:84 N '65.

Detetskiy, I. I., Trugubenko, A. I. - Postoperative thromboembolic complications in cancer patients. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Dudchenko, T. V. - Tumors of the heart. Khir. i tekhn. kib. novobras. no. 11:187-192 '65.

Dolashko, A. P. - Peripheral cancer of the lung. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Isaev, I. G., Vartanov, A., Shcheglov, K. L. - Role of disorders of endocrine balance following detection of cerebral tumors by methylhistone urea. Biol. eksp. biol. i med. 47 no. 110:15-18 Ja '66.

Koshchik, G. G. - Orthopedic treatment in post-traumatic. Prot. i prot. prot. no. 6:104-108 '65.

Koshchik, P. V. - Success of diagnosis and treatment of tumors of the hypophysis. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Kvitshchik, E. P., Fainberg, K. A. - Sarcoma of the stomach. Khirurgiya 41 no. 6:128-129 Je '66.

Deoritskiy, N., Martynov, M. V. - Clinical aspects, diagnosis, and treatment of malignant tumors of the thyroid gland. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Frolov, B. M., Vlodavich, I. V. - X-ray diagnosis of pulmonary cancer; X-ray comparisons. Khir. i tekhn. kib. novobras. no. 11:187-192 '65.

Golov, K. P., and others. - Histopathological study of DNA quantity in epithelial cells of the human mammary gland under preneoplastic and cancerous conditions. Khirurgiya 41 no. 6:128-129 Je '66.

Gumil, V. L., and others. - Some controversial problems in the diagnosis of mediastinal tumors. Vrach. delo no. 11:2-8 Ja '66.

Guravich, K. A. - Experience in the use of gastroscopy in diagnosing tumors of the stomach. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Gil'manov, T. S., Strashchik, A. I., Shvartsberg, M. M. - Effectiveness of treating pulmonary cancer with Co^{60} radiation and bromocriptin of 4,5 Mev energy. Med. rad. 13 no. 11:81-85 N '65.

Gorodkov, G. G., Tereshov, M. T. - Hemarthrosis of the lung. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

Guliyeva, R. A. - Electrophoretic study of water-soluble proteins of cancerous tumors of the breast. Kib. i tekhn. kib. novobras. no. 11:187-192 '65.

- 644,006 (Continued)
- Khramov, A.S., Kryzha, B.T. - Regional chemotherapy in breast cancer. *Trudy Akad. Nauk. Gos. med. inst.* 23:395-399 '64.
- Khramov, A.S., Kryzha, B.T. - Use of some dyes for revealing damaged cells in rat lymphosarcoma. *Tsitologia* 10 no. 8:1015-1021 Ag '65.
- Khramov, A.S. - Chemotherapy in compound treatment of malignant tumors of the breast. *Klin. onk.* no. 2:225-232 '64.
- Jankov, L. - Comparative materials on the activity of gastric proteolytic enzymes in pathological states of the stomach including gastric cancer. *Klin. i lech. stek. novobraz.* no. 11:15-17 '65.
- Kadyrov, F.A. - Use of radiotherapy in the compound treatment of cancer of the breast. *Klin. onk.* no. 2:189-193 '64.
- Kalish, V.D. - Method of arteriography and angiography in the study of the interorganic gastric vascularization in peptic ulcer and cancer of the stomach. *Klin. i lech. stek. novobraz.* no. 11:43-48 '65.
- Kalish, V.D. - Pathohistologic changes of the intra-organic lymphatic system of the stomach in malignant ulcers. *Klin. i lech. stek. novobraz.* no. 11:49-54 '65.
- Kalinovskii, V.P. - Proteins of the gastric juice in patients with cancer and other diseases of the stomach. *Vop. med. khim.* 14 no. 8:573-577 M-D '65.
- Karachevskaya, N.K. - Case of primary multiple tumors with lymphatic lesions. *Trudy ONI* no. 5:155-158 '64.
- Karysheva, L.L. - Uterine sarcoma and full-term pregnancy. *Trudy Akad. Nauk. Gos. med. inst.* 23:343-345 '64.
- Kazanchev, V.P., and others. - Study of stimulated fluorescence of the blood serum in healthy persons and of those with malignant neoplasms. *Trudy TSNIL NIOI* 1:172-184 '64.
- Khrap, F.P. - Radiologic diagnosis of cancer of the breast. *Klin. onk.* no. 2:108-111 '64.
- Kopov, A.S., Kiselev, N.L., Morgunov, G.A. - Adrenalectomy in a disseminated cancer of the breast. *Trudy TSNIL NIOI* 1:181-184 '64.
- Kotchenko, E.V. - Cervicocopy sensitivity of precancerous states of the cervical canal. *Klin. onk.* no. 2:112-120 '64.
- Kozlovskiy, V.P. - X-ray, radiation, and surgery in cancer of the tongue. *Klin. onk.* no. 2:287-292 '64.
- Kovalev, I.U. - Diagnosis of polyps of the cervix uteri. *Klin. onk.* no. 2:127-133 '64.
- Krausharova, N.F. - Cancer of the skin on postoperative scars. *Khirurgiya* 41 no. 8:117-119 Ja '65.
- Kukareva, M.M., Fridland, I.B. - Content of some amino acids in the erythrocytes and plasma following radiotherapy of lymphogranulomatosis. *Med. rad.* 13 no. 11:31-38 N '64.
- Kulikov, V.I. - Using Ultrasonics in the study of immunological processes in oncological diseases. Preliminary report. *Trudy TSNIL NIOI* 1:164-168 '64.
- Kuperman, V.D., Fomina, V.B. - Metastatic polyposis of the small intestine. *Khirurgiya* 41 no. 8:133-134 Ja '65.
- Larionchikov, T.G. - Some criteria of individual planning of radiotherapy of malignant tumors. *Klin. onk.* no. 2:121-127 '64.
- Lebedev, M.L., Khramov, A.S., Sokolov, G. - Some data on lymphogranulomatosis. *Trudy Akad. Nauk. Gos. med. inst.* 23:408-410 '64.
- Lisov, V. - Activity of aspartate aminotransferase in the liver, blood plasma, and tumors in rats with sarcoma M-1 under the effect of Tbio-TKPA and cyclophosphamide. *Klin. i lech. stek. novobraz.* no. 11:297-307 '65.
- Lisov, V., Bityagala, V., Buz-Shelekh, Kh.F. - Some biological features in sarcomatous rats treated with Tbio-TKPA in combination with cyclophosphamide. *Klin. i lech. stek. novobraz.* no. 11:327-347 '65.
- Lugovoy, A.P., Voronov, S.A., Ryzhikh, A.I. - Hyperthyroid cancer of the kidney with a prolonged benign course. *Trudy Akad. Nauk. Gos. med. inst.* 23:403-406 '64.
- Malenkov, A.I., Borjak, S.F. - Comparative data on the study of the protein composition of blood serum in erosions and cancer of the cervix uteri. *Klin. onk.* no. 2:44-46 '64.
- Martchenko, M.S. - Experience in the treatment of cancer of the lip under local conditions. *Klin. onk.* no. 2:184-197 '64.
- Murik, M.V. - Gastrointestinal anastomosis in resection of the stomach for polyposis. *Klin. onk.* no. 2:180-184 '64.
- Muraviev, T.N., Muravskaya, G.V., Mal'tsev, I.I. - Selection of the conditions of large focus skin distance gamma-therapy of malignant tumors of the palatine tonsils. *Med. rad.* 13 no. 11:33-38 N '64.
- Mazarskii, L.S. - Fluorographic study of functional changes in the large intestine under the influence of atropine in gastrointestinal cancer. *Azerb. med. zhur.* 45 no. 12:33-38 D '65.
- Mejpal, V., Karpov, H. - Effect of estrone on cells of vesicular myoma and its surrounding vascular tissue culture. *Tsitologia* 10 no. 8:1048-1047 Ag '65.
- Melamed, E.L. - Antibiotic sensitization and treatment of precancerous diseases of external sex organs in women. *Trudy ONI* no. 5:135-137 '64.
- Mel'nik, A.M. - Problems of cytology and pre-cancer diagnosis. *Klin. onk.* no. 2:155-2 '64.
- Mergel, G.R. - Comparative evaluation of the effect of leading irradiation, Tbio-TKPA, and their combined administration on some blood indices in rats with sarcoma M-1. *Klin. i lech. stek. novobraz.* no. 11:275-284 '65.
- Migdal, M.A. - Results of the use of histophosphamide in the treatment of gastric cancer. *Klin. onk.* no. 2:177-180 '64.
- Mikhailichenko, V.A. - Clinical aspects, diagnosis, and surgical treatment of cancer of the pancreas. *Klin. i lech. stek. novobraz.* no. 11:26-31 Ja '65.
- Mironov, G.S. - Teratogenic diseases in tumor-bearing cells. *Klin. onk.* no. 2:83-84 '64.
- Mogilev, M.K., Khodogorov, A.A. - Blastomastosis of the lung. *Klin. i lech. stek. novobraz.* no. 11:71-73 Ja '64.
- Odila, A. - Case of gastric leiomyosarcoma. *Shor. trudy. Prikl. med. dok.* no. 4:71-73 '64.
- Olina, A. - Excretion of enzymes in patients with breast cancer following hormonal load with ethisteral and cortisone. *Klin. i lech. stek. novobraz.* no. 11:92-104 '65.
- Olina, A. - Excretion of enzymes in patients with breast cancer following hormonal load with testosterone propionate. *Klin. i lech. stek. novobraz.* no. 11:75-82 '65.
- Orlovskiy, F.M. - Late results of surgical treatment of gastric cancer. *Trudy Akad. Nauk. Gos. med. inst.* 23:398-399 '64.
- Pavlov, A.S., Kostromina, K.M., Titova, V.A. - Intracavitary gamma-therapy of cancer of the cervix uteri based on the afterloading principle. *Med. rad.* 13 no. 11:3-8 N '64.
- Pipin, V.I., Imashe, T.V. - Rare localization of hemangioendothelioma of the small intestine. *Khirurgiya* 41 no. 8:123-123 Ja '65.
- Pigara, D. - Sex chromatin in benign tumors of the breast. *Klin. i lech. stek. novobraz.* no. 11:69-73 '65.
- Pigara, D. - Study of sex chromatin in tumors, metastases, and epithelioma of the oral mucosa in patients with malignant tumors of the breast. *Klin. i lech. stek. novobraz.* no. 11:73-77 '65.
- Podolskiy, M.D. - Indices of amino acids in the tissue of cancer of the stomach. *Klin. onk.* no. 2:120-121 '64.
- Prane, L. - Changes in the hemoproteins in cancer following chemotherapy depending on the factor of nutrition (protein and vitamins C and B). *Klin. i lech. stek. novobraz.* no. 11:133-145 '65.
- Prane, L., Buz-Shelekh, Kh.F. - Study of the hemostimulating effect of synovial acid metabolism in the blood and bone marrow in healthy experimental animals and those with tumors treated with Tbio-TKPA. *Klin. i lech. stek. novobraz.* no. 11:140-148 '65.
- Prishchinskii, A.E. - Fluorescent-cytologic method in the compound diagnosis of gastric cancer. *Klin. onk.* no. 2:107-108 '64.
- Prokhorov, M.S., Solov'yev, T.V., Aniskina, R.I. - Characteristics of 7-aminobutyric acid metabolism in cerebral tumors. *Vop. med. khim.* 14 no. 8:618-622 M-D '65.
- Rakov, A.I., Vagner, R.I. - Diseases preceding cancer of the lung. *Klin. onk.* no. 2:77-77 '64.
- Rendik, G.K. - Experience in the use of oxygen in radiotherapy of pulmonary cancer. *Klin. onk.* no. 2:140-143 '65.
- Reinhardt, A.I., and others. - Metastasis as pre-cancer from the histochemical point of view. *Klin. onk.* no. 2:148-151 '64.
- Radtsig, V. - Effect of serotonin and tryptophan on the blood picture and blood serum protein tryptophan in leukopenia in patients with malignant neoplasms. *Klin. i lech. stek. novobraz.* no. 11:117-123 '65.
- Rybnitskiy, K.M., Rybnitskiy, V.F. - Carcinoma precursor diseases of the urinary bladder. *Klin. onk.* no. 2:75-80 '64.
- Rybnitskiy, V.F. - Cancer of the female urethra. *Klin. onk.* no. 2:108-111 '64.
- Savitskiy, M.A. - Glucose angiomas of the stomach. *Khirurgiya* 41 no. 8:84-89 Ja '65.
- Savitskiy, R.A. - Role of thermal factors in the origin of esophageal cancer. *Trudy Akad. Nauk. Gos. med. inst.* 23:383-387 '64.
- Savitskiy, R.A. - State of the oral cavity and the respiratory apparatus in patients with esophageal cancer. *Trudy Akad. Nauk. Gos. med. inst.* 23:388-378 '64.
- Savitskiy, V.F. - Changes in the serum proteins in cancer of the stomach. *Klin. onk.* no. 2:123-127 '64.
- Savitskiy, I.I. - Treatment of neglected forms of cancer of the stomach. *Klin. onk.* no. 2:173-178 '64.
- Shalagin, A.V. - Neoplasms of the nose and its accessory sinuses. *Trudy ONI* no. 5:160-174 '64.
- Shcherbin, M.N. - Case of coelocarcinoma. *Shor. trudy. Prikl. med. dok.* no. 4:67-69 '64.
- Shchepov, D.M. - Morphological and histochemical characteristics of inflammatory processes concomitant to some oncogenic tumors. Preliminary report. *Trudy Akad. Nauk. Gos. med. inst.* 23:407-414 '64.
- Shchepov, V.I. - Diagnosis and treatment of cancer of the breast. *Klin. onk.* no. 2:184-190 '64.
- Shchepov, V.I. - Reoperation of the paraneoplastic of the esophagus in inoperable cancer by the method of resection with a permanent intubation. *Klin. onk.* no. 2:154-160 '64.
- Shchepov, V.S., Voronovskiy, G.I. - Possible transformation of 8-hydroxydeoxyribose into cyclobutane in oncogenic cells. *Vop. med. khim.* 14 no. 8:618-620 M-D '65.
- Shchepov, V.I., Mordukhaiavil, Sh.I. - Problem of cell anastomosis as to sex chromatin in oncology. *Tsitologia* 10 no. 8:1015-1021 Ag '65.
- Shcherbakov, G.T. - Some vascular reactions of the female organism in uterine fibromyoma. Report No. 2: Oncology. *Trudy ONI* no. 5:147-148 '64.
- Shcherbakov, D.L. - Characteristics of metastatic spreading in primary cancer of the lungs. *Trudy I-go NIOI* 30:95-107 '64.
- Shcherbakov, A.S. - Some data on the use of fried foods in the development of cancer. *Klin. onk.* no. 2:186-187 '64.
- Shcherbakov, I.T. - Tumorous and clinically tumor-like diseases of the lymph nodes. *Klin. i lech. stek. novobraz.* no. 11:13-21 Ja '64.
- Shcherbakov, I.T., and others. - Compound diagnosis of esophageal cancer. *Klin. onk.* no. 2:183-183 '64.
- Shcherbakov, I.V. - Effect of single and fractional irradiation on survival and tumor-bearing tissues with similar radioactivity. *Med. rad.* 13 no. 11:48-49 Ja '65.
- Shcherbakov, M.A. - Removal of necrotic plethorae with alcohol-tissue replacement of extensive defect of soft tissues of the head by Filatov's pedicle cutaneous flap. *Klin. i lech. stek. novobraz.* no. 11:77-78 Ja '64.
- Shchep, V.A. - Observation of lobectomy of the posterior mediastinum. *Klin. i lech. stek. novobraz.* no. 11:13-14 Ja '64.
- Shchep, L.V. - Recurrence of cancer of the rectum. *Klin. onk.* no. 2:180-184 '64.
- Shchepolchikov, D.F., Uralova, I.A. - Compound section of cancer of the thyroid gland. *Klin. onk.* no. 2:185-186 '64.
- Shvinn, L.G. - Large focus skin disease X-ray therapy hypophyseal adenomas. *Med. rad.* 13 no. 11:33-34 Ja '64.
- Shchepak, S.M. - Primary multiple tumors of the parathyroid gland and other organs. *Klin. i lech. stek. novobraz.* no. 11:26-31 Ja '65.
- Shchepak, G.A., Semkin, I.I., Shchepak, M.I. - Content of sex chromatin in tumor cells. *Trudy ONI* no. 5:155-158 '64.
- Shchepov, M.M. - Dependence of reactions of the vascular system upon the method of anesthesia in the surgical removal of cancer metastases from the cervical lymph nodes. *Klin. onk.* no. 2:184-188 '64.
- Sokolov, A.I. - Treatment of hemangiomas by laser chemical substances. *Klin. onk.* no. 2:123-127 '64.
- Sokolov, V.I. - Surgical treatment of cancer of the large intestine. *Khirurgiya* 41 no. 8:98-98 Ja '65.
- Sokolov, I.T., Gulyash, A.I., Voronovskiy, V.I. - Combination of brachytherapy and chemotherapy of the lungs. *Klin. onk.* no. 2:188-193 '64.
- Sokolov, V.M. - Late radiation injuries following radiotherapy of skin cancer. *Klin. onk.* no. 2:120-121 '64.
- Turkova, V.N., Kalina, A.P. - X-ray and radiologic diagnosis of tumors of the parathyroid glands. *Med. rad.* 13 no. 11:44-47 M '65.
- Tipina, V. - Metastases of malignant tumors into the heart. *Klin. i lech. stek. novobraz.* no. 11:64-64 '64.
- Titova, M.B. - Adipose tumors of the mediastinum. *Shor. trudy. Prikl. med. dok.* no. 4:68-71 Ja '64.
- Utkin, A.V. - Changes in the potassium and sodium content in blood plasma, erythrocytes, and white pellets with gastric cancer depending on the extent of surgical intervention. *Klin. i lech. stek. novobraz.* no. 11:85-89 '64.
- Utkin, V.V., and others. - Use of chemotherapy in the method of prolonged intratumoral infusion in some lesions of malignant neoplasms. *Klin. i lech. stek. novobraz.* no. 11:153-154 '65.
- Voinov, R.A. - X-ray, radiation, and surgical methods of compound treatment of lymphoproliferative cancer. *Klin. onk.* no. 2:133-138 '64.
- Voinovskiy, M.I., and others. - Measurement of the rate of protein metabolism during treatment by means of the accelerator and isotopes. *Med. rad.* 13 no. 11:48-51 '64.
- Vorobey, V.A. - Clinical aspects and treatment of cancer in elderly patients. *Klin. onk.* no. 2:188-193 '64.
- Zakharov, O.K. - Changes in the picture of blood serum proteins in patients with malignant neoplasms during chemotherapy combined with cyclophosphamide. *Klin. i lech. stek. novobraz.* no. 11:207-212 '64.
- Zatula, D.G. - Preventive irradiation and chemotherapy of fibroids of the uterus and cervical cancer. *Dial. eksp. biol. i med.* 67 no. 1:43-44 Ja '64.
- Zhdanov, V.B. - Pathologic anatomy and some problems of the pathogenesis of primary cancer of the lung. *Trudy I-go NIOI* 30:147-156 '64.
- Zhdanov, T.YU. - Errors in the X-ray diagnosis of tumor-like shadows of the mediastinum in young children. *Klin. onk.* no. 2:104-107 '64.
- Zhdanov, A.S., and others. - Clinical aspects and pathological anatomy of lymphoproliferative cancer of the otolaryngological organs. *Trudy ONI* no. 5:175-184 '64.
- Zolotarev, L.A. - Structural changes in the fibrous connective tissues of the breast in dysplastic hyperplasia and cancer caused by the effect of heat. *Klin. onk.* no. 2:40-50 '64.

610, 004(474, 8) - Laitinen, R. R.

Shchep, V. A. - Study of gastritis, precancer, and cancer of the stomach under biochemical aspects in the Laitinen, R. R. *Klin. i lech. stek. novobraz.* no. 11:2-3 '64.

610, 004(477, 8) - Western Ukraine

Ostapenko, V. F. - Cancer of the lungs according to materials of therapeutic institutions of Ternopol Province. *Klin. onk.* no. 2:134-140 '64.

616,807 Malformations. Deformities. Congenital and developmental abnormalities

Dalakov, P. I. - Exercise therapy in Dabhol. Preliminary report. *no. 5:164-165 '63.*

Goshkov, S. P., Shchep, L. D. - Anatomy and histology of a transverse fistula. *Protokol. protsestr.* no. 2:3-4 '64.

Kotarskaya, A. A. - Anomaly in the development of the esophagus and trachea. *Trudy ONI* no. 5:204-207 '64.

Krasnaya, K., Kigorova, T. A. - Results of the detection of orthopedic developmental defects in newborn infants. *Shor. trudy. Prikl. med. dok.* no. 4:113-117 '64.

Lapshina, N. M. - Prosthetic application in congenital club foot. *Protokol. protsestr.* no. 5:161-165 '64.

Laria, V. V. - Synthesis of prostheses in albinism and defects of soft tissues in hernia. *Klin. i lech. stek. novobraz.* no. 11:28-31 Ja '64.

Yakubov, N. T. - Surgical treatment and application of prostheses in post-concussive. *Protokol. protsestr.* no. 5:160-164 '63.

Ushakov, M. M., Shchep, A. F. - Bony defects in the genital-urinary defects. *Vrach. dets. no. 1:17-18 Ja '64.*

1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736

- 616,000 Surgical, operative techniques

67d.000 (Continued)

- Chernomir, A. A., Talyzina, M. K. - Tonsillectomy and adenoidectomy in an acute rheumatism period in children. *Trudy OMI* no. 80-87-94 '64.
- Chislova, M. A., Alkhalova, Z. D., Platova, N. G. - Preoperative correction of pyloric stenosis, sodium, and chloride in the plasma of patients with pyloric stenosis. *Khirurgiya* 41 no. 8:15-21 Je '65.
- Chuchkov, M. I. - Functional condition of the pancreas following resection of the stomach. *Klin. khir.* no. 11-73 N '65.
- Chudinov, V. A. - Experience in the surgical treatment of heart wounds. *Klin. khir.* no. 8:73-74 N '65.
- Danilov, M. V. - Prevention of suture insufficiency in esophagogastric and esophagojejunal anastomoses. *Klin. khir.* no. 2-5-II F '64.
- Dederer, I. U. M. - Dams of the sigmoid. *Klin. khir.* no. 10-11-35 '64.
- Dederer, I. U. M. - Surgeon's technique in the treatment of acute intestinal obstruction in a state of severe shock. *Khirurgiya* 41 no. 8:15-21 Je '65.
- Deinats, I. A., Tretyachenko, A. I. - Postoperative thromboembolic complications in cancer patients. *Klin. onk.* no. 3:63-65 '65.
- Deinats, I. A. - Change of position, form, and functions of the esophagus following lobectomy. X-ray observations. *Trudy I-go MMI* 30:181-178 '64.
- Deinats, I. A. - X-ray observations of changes in the position and functions of the large intestine following pneumocystectomy and lobectomy. *Trudy I-go MMI* 30:183-180 '64.
- Derdzhan, Y. P. - Blood serum proteins following resection of the stomach, including or including the duodenum. *Trudy Alma.-Alta. gos. med. inst.* 23:66-100 '64.
- Derdzhan, Y. P. - State of erythrocytes, the content of iron, copper and vitamin B₁₂ in the blood serum following partial resection of the stomach, including or including the duodenum. *Trudy Alma.-Alta. gos. med. inst.* 23:66-67 '64.
- Derzhits, V. L., and others. - Rubber articles for esophagectomy. *Klin. khir.* no. 8:60-66 Ag '64.
- Derzhits, V. L., Kotikova, E. V., Lias, P. M. - Apparatus for the localization of neoplasms of the brain by means of P³² during operations. *Med. rad.* 13 no. 11:4-44 M '64.
- Dolgin, M. I., Kama, R. I. - Subacute suppurative endocarditis in burned patients. *Klin. khir.* no. 7:80-81 JI '63.
- Dolgin, O. A., Shchegolev, K. Sh. - Anesthesia in acute pancreatitis. *Trudy I-go MMI* 30:264-268 '64.
- Dolzhitski, O. V., Pavlovskiy, V. A. - Pterygoid coil and the technique of plastic surgery on it. *Klin. khir.* no. 2:70-71 F '64.
- Dostol, A. G. - Cause of cysts of the retroperitoneal cavity. *Khirurgiya* 41 no. 8:134-135 Je '65.
- Dostolov, R. M. - Effect of surgery on the biliary ducts on the K and Na electrolyte metabolism. *Klin. khir.* no. 14:71-74 O '65.
- Dubak, L. P. - Surgical treatment of thrombophlebitis of the subcutaneous veins of the lower extremities. *Klin. khir.* no. 10:113-115 '64.
- Durda, I. L. - Pancreaticobronchial fistula, a complication of acute pancreatitis. *Klin. khir.* no. 18:76-77 O '65.
- Elsner, I. U. I., Usov, O. V. - Analysis of errors in the treatment of surgical diseases of the organs of the abdominal cavity in district hospitals. *Klin. khir.* no. 10:84-89 '64.
- Elkin, M. A. - Latency in vulvitis and ways of reducing it. *Klin. khir.* no. 8:44-48 S '64.
- Emmett, M. M. - A case of penetrating wound of the knee and necessary measures of the knee by metallic bones. *Klin. khir.* no. 8:61 Ag '64.
- Fedorov, B. F. - Planning safe operations for chronic suppuration of the lungs. *Trudy I-go MMI* 30:134-143 '64.
- Fedorov, B. F., Vasil'ev, A. M. - Some problems of acute appendicitis. *Trudy I-go MMI* 30:203-213 '64.
- Fedorov, B. F. - Retrograde investigation of the small intestine in gastrointestinal anastomoses. *Klin. khir.* no. 10:84 '64.
- Filler, I. M. - Morphology of antral tissues following implantation of esopro and lavas. *Sber. tral. vrach. Prikl. khir. dor.* no. 1:137-143 '64.
- Fisher, E. F., Pokrovskiy, B. M., Tikhonova, L. M. - Lobectomy in the acute phase of tuberculous pneumonia complicated by profuse pulmonary hemorrhage. *Klin. khir.* no. 7:74-75 JI '64.
- Fridman, M. A. - Foreign body left in the frontal sinus during postoperative treatment. *Trudy OMI* no. 84:228-234 '64.
- Gartovskiy, V. L., Zhitovskiy, A. V. - Combination of diverticulitis of the small intestine and esophagus with scleronecrosis of the liver. *Klin. khir.* no. 3:48-51 F '64.
- Gilbert, A. B. - From the practice of surgical gynecology: some surgical techniques. *Trudy OMI* no. 17:289-304 '64.
- Gilka, A. E. - Functional state of the adrenal cortex in nodular goiter before and after surgery. *Klin. khir.* no. 11:134-136 D '65.
- Ginsburg, A. G. - Hemorrhages following tonsillectomy. *Trudy OMI* no. 80:118-123 '64.
- Golovinski, I. F. - Operation on a heart wound in a patient in the condition of clinical death. *Klin. khir.* no. 7:73 JI '64.
- Gorbunov, A. I. - Surgical treatment of pheochromocytoma. *Klin. khir.* no. 7:73-77 JI '63.
- Graev, E. - Changes in the indices of oxygenation and acid-base equilibrium in the blood of an isolated extremity during regional perfusion. *Klin. i lezh. shok. svoshesha.* no. 11:68-69 '64.
- Grodzkiy, A. P., Shchegolev, K. A. - Hemorrhage of the head of the pancreas stimulating the cancerous lesion. *Klin. khir.* no. 10:81 O '64.
- Grigoriev, A. V. - Indications and contraindications to radical surgical treatment of primary cancer of the lungs. *Trudy I-go MMI* 30:40-44 '64.
- Grigoriev, A. V., Balashov, V. A. - Two cases of recovery from the Hamburg-Marie disease following removal of a tumor of the lung. *Trudy I-go MMI* 30:108-112 '64.
- Grigoriev, A. V., Denkhovskiy, L. T. - Preparation of patients for radical surgery for primary cancer of the lungs. *Trudy I-go MMI* 30:48-57 '64.
- Iaroslavskiy, V. L. - Heart surgery due to injury of the left ventricle. *Klin. khir.* no. 11:73 N '65.
- Iakov, N. V., Lian, I. A. K. - Internal abdominal hernias. *Klin. khir.* no. 8:75-77 S '65.
- Kozel, G. I. A., Kozelchik, I. I. - Early repeated laparotomies. *Klin. khir.* no. 10:89-91 '64.
- Kozelchik, I. I. - Hemostatic therapy in combined gunshot wound of the vessels. *Trudy Alma.-Alta. gos. med. inst.* 23:236-238 '64.
- Kukin, I. A. B. - Surgical treatment of tuberculosis of the upper extremity joints. *Klin. khir.* no. 7:83-86 JI '63.
- Kukin, I. A. B., Andreev, V. A. - Change in the blood coagulation system in the surgical treatment of cardiac aneurysm: angiographic data. *Klin. khir.* no. 9:22-26 S '65.
- Ivanov, V. D. - Successful embolization in the aortic bifurcation area following aortic aneurysmectomy. *Klin. khir.* no. 11:63 M '65.
- Kiriy, V. F. - Modified probe for the extraction of the gastric juices in a resected stomach. *Klin. khir.* no. 10:85 '64.
- Kuznetsov, G. A. - Late results of B. V. Petrovskiy's plastic surgery for traumatic aneurysm of the heart. *Klin. khir.* no. 11:63-66 M '65.
- Kuznetsov, A. P. - Treatment of traumatic dislocations. *Trudy I-go MMI* 30:201-200 '64.
- Kuznetsov, A. P., Latshevich, E. V. - Lesions of the spleen in a closed abdominal wound. *Trudy I-go MMI* 30:270-286 '64.
- Kuznetsov, A. P., Rubina, M. P. - Results of primary suture of the tendons of the wrist and fingers. *Trudy I-go MMI* 30:293-310 '64.
- Kid'yor, F. A. - Use of radiotherapy in the compound treatment of cancer of the breast. *Klin. onk.* no. 2:180-183 '64.
- Kolchakov, I. I. - Esophagectomy in cardiopneum. *Klin. khir.* no. 8:48-50 S '64.
- Kolchakov, I. I. - Rare form of a tumor of the peripheral nerve in adolescents (osteochondroma nervi ulnaris). *Klin. khir.* no. 11:43-46 M '65.
- Kolchakov, I. I., Neokhorstov, F. P. - Gastroscopy and resection of the cardia in cancer, in the light of late results. *Klin. khir.* no. 8:43-51 S '65.
- Kononov, I. D. - Technique of intraoperative cholangiography. *Trudy I-go MMI* 30:241-246 '64.
- Kononov, I. D. - Surgical treatment of first degree short esophagus: preliminary report. *Klin. khir.* no. 8:13-15 F '64.
- Kaplov, L. P. - Anesthesia in bronchoscopy in children and adolescents with pulmonary tuberculosis. *Probl. tub.* 43 no. 10:30-33 '65.
- Karavayev, O. G., Shchegolev, K. Sh. - Surgical treatment of infants with congenital pyloric stenosis. *Klin. khir.* no. 10:88-90 '64.
- Kasimov, M. K. - Skin auto- and homoplasty in deep burns. *Klin. khir.* no. 8:52-56 S '64.
- Kasimov, V. P., and others. - Possibility of detecting antibodies in heterotransplantations with the aid of thermometers. *Trudy TIRIL MGMI* 1:129-133 '65.
- Kasimov, V. P. - Rare case of association of three acute surgical diseases of abdominal organs. *Klin. khir.* no. 11:6 M '65.
- Kartanov, V. I. - Surgical technique in tumors of the adrenal cortex manifested by the Raynaud-Cushing syndrome. *Klin. khir.* no. 1:13-16 D '65.
- Kharashev, K. I. - Case of extensive resection of the small intestine in volvulus. *Klin. khir.* no. 10:78 '64.
- Kharinov, U. U. - Data of the duodenal contents and general state of patients before and following repeated (reconstructive) gastric surgery including Petrovskiy's method of duodenal resection. *Khirurgiya* 41 no. 6:84-88 J '65.
- Khalilov, M. R. - Indices of blood coagulation in some operations on the cardiovascular system. *Klin. khir.* no. 7:123-124 JI '64.
- Kharitov, L. G., Bogdanov, A. V. - Use of constant catheter in radical operations on the cardia and esophagus. *Klin. khir.* no. 3:48-51 F '64.
- Khamalovskiy, V. M. - Treatment of recurring skin cancer. *Klin. khir.* no. 11:47-50 M '65.
- Khamatovskiy, I. A. M. - Calcium parathyroids as an antidote to nondepolarizing myorelaxants. *Klin. khir.* no. 11:6-11 M '65.
- Khomutov, A. G., Chasov, O. I. - Latest drug resistance of Mycobacterium tuberculosis following lung resection. *Probl. tub.* 43 no. 10:34-36 '65.
- Khechov, A. P. - Diagnosis and treatment of acute pancreatitis. *Klin. khir.* no. 10:43-48 O '65.
- Kirillovskiy, A. I. - Effect of new locally anesthetizing preparations on the metabolism of the conjunctival cavity. *Trudy Alma.-Alta. gos. med. inst.* 23:463-464 '64.
- Kirichik, M. F. - Functional state of the liver before and following operation in patients with nodular form of goiter and thyrotoxicosis. *Klin. khir.* no. 7:83-88 '64.
- Kislatin, E. E. - Diagnostic significance of ureopapain determination following surgery on the stomach. *Khirurgiya* 41 no. 8:47-51 Je '65.
- Klokov, G. S., Shchegolev, V. P. - Chronic fibrous encapsulated peritonitis. *Khirurgiya* 41 no. 8:79-78 Je '65.
- Kogin, A. E., Iudin, M. I., Morgunov, G. A. - Adrenalectomy in a disseminated cancer of the breast. *Trudy TIRIL MGMI* 1:111-114 '64.
- Kol'shen, K. M., Blizdor, M. A., Lashchenko, M. K. - Indices of gastric secretion following resection of the stomach for ulcer. *Vrach. delo.* no. 11:133-134 Je '65.
- Kol'shen, K. M. - Case of a giant fibroma of the lower esophagus. *Khirurgiya* 41 no. 8:138-139 Je '65.
- Kolokolovskiy, M. I. - Experience in creating a permanent artificial esophagus from the large intestine. *Klin. khir.* no. 12:3-7 D '65.
- Kolokolovskiy, M. I. - Some problems of acute intestinal obstruction: clinical material. *Klin. khir.* no. 1-1-1 S '65.
- Komardov, L. M. - Multistage surgery for the reconstruction of the terminal portion of the large intestine. *Khirurgiya* 41 no. 8:131-133 Je '65.
- Kononovskiy, V. P. - X-ray, radiology, and surgery: cancer of the tongue. *Klin. onk.* no. 1:137-141 '64.
- Korotkiy, D. L. - Changes in elastic structures in experimental autografting of the skin. *Trudy Alma.-Alta. gos. med. inst.* 23:437-438 '64.
- Korotkiy, D. L., Priluchinskiy, L. S. - Radiological data in experimental autografting of the skin. *Trudy Alma.-Alta. gos. med. inst.* 23:434-435 '64.
- Kozelchik, I. I., Balashov, M. V. - Gastroscopy in some diseases of the stomach. *Klin. khir.* no. 10:85-86 '64.
- Korotkiy, V. A. - Radical excision of a large post-traumatic cyst from the posterior. *Klin. khir.* no. 2:77-78 O '65.
- Kozhevnikov, A. I., Kononov, A. A., Shchegolev, A. I. - Diagnosis and surgical treatment of gastropyloric and duodenocolic fistulas in ulcer and cancer of the stomach. *Khirurgiya* 41 no. 8:13-18 Je '65.
- Krasovskiy, M. I., Kozlovskiy, V. I., Orlovskiy, R. M. - Some problems of reconstructive surgery in arteries of the extremities. *Klin. khir.* no. 8:24-28 S '65.
- Krylov, V. S., and others. - Late results of shunting in major arteries with decortication. *Klin. khir.* no. 10:60-71 '64.
- Kryukovskiy, M. A. - Effect of oxyperfluorin on deep motor function of the small intestine in acute peritonitis. *Klin. khir.* no. 8:63 Ag '64.
- Kuznetsov, V. A. - Removal of blood clots from the arteries of the extremities. *Klin. khir.* no. 10:63 F '65.
- Kuznetsov, V. A. - Hypotension during shunt. *Tral. vrach. Prikl. khir. dor.* no. 4:38-43 '64.
- Londak, I. A., Pionov, A. G. - Indications for plasmocort. *Tral. vrach. Prikl. khir. dor.* no. 4:47-50 '64.
- Londak, I. A. - (Rare) large aneurysmal cyst of the liver. *Klin. khir.* no. 10:68-71 '65.
- Loponogov, O. A., Mikhaylovskiy, V. A. - Treatment of severe trigeminal neuralgia by stereotaxic operations. *Klin. khir.* no. 8:71-72 Ag '64.
- Larin, V. V. - Synthetic plastic in skin surgery as a basis of soft tissues in hernias. *Klin. khir.* no. 7:84-85 J '64.
- Lobachev, A. P. - Jejunogastric invagination. *Klin. khir.* no. 8:68-70 S '65.
- Lobachev, A. P. - Multiple and complex intestinal hernias. *Klin. khir.* no. 11:70 M '65.
- Lokshin, M. S. - Experimental plastic surgery for the closure of traumatic defects of the tracheal wall. *Klin. khir.* no. 8:65-68 Ag '64.
- Lomka, B. M. - Late results of alloplasty for postoperative ventral hernias in X-ray examination. *Probl. tub.* 43 no. 1:13-16 D '65.
- Lovitskiy, M. A. - Secretory and excretory function of the stomach following its resection with the use of small intestine in plastic surgery: experimental and clinical data. *Klin. khir.* no. 7:79 JI '64.
- Lavrovskiy, M. M. - Effect of different methods of preoperative preparation and anesthesia on the neuromuscular regulation of some functions in patients with thyrotoxic goiter. *Klin. khir.* no. 8:11-16 Ag '64.
- Livshits, V. L., Chalka, M. P. - Determination of the viability of preserved human skin in vitro. *Klin. khir.* no. 7:87-94 JI '63.
- Livov, O. B. - Complications following splenectomy in portal hypertension. *Klin. khir.* no. 7:34-36 JI '63.
- Makarevich, A. T. - Lesions of the large intestine by compressed air. *Klin. khir.* no. 12:40-41 D '65.
- Marshev, L. V. - Technique and anatomical basis of a subperitoneal novocaine block. *Klin. khir.* no. 8:34 M '65.
- Mart'enko, F. S. - Extensive resection of the small intestine in intestinal obstruction. *Klin. khir.* no. 8:75-76 '64.
- Miruk, M. V. - Gastrointestinal anastomoses in resection of the stomach for polyps. *Klin. onk.* no. 1:89-91 '65.
- Misurik, M. P. - Late results of the treatment of ulcer following amputation of an extremely long esophagus. *Klin. khir.* no. 11:82-85 M '65.
- Miyaki, M. A. - Gastroscopy in cancer of the stomach. *Klin. khir.* no. 11:78-79 M '65.
- Mikhailovskiy, V. A. - Clinical aspects, diagnosis, and surgical treatment of cancer of the pancreas. *Klin. khir.* no. 9:58-63 JI '64.
- Mikhailovskiy, V. A. - Diagnosis and treatment of pancreatic cancer. *Klin. khir.* no. 10:64-66 O '64.
- Milovov, O. B., Bolshakov, I. A. - Biological prepared as a method of treating pulsating hemangiomas and aneurysms of the vertebral artery. *Klin. khir.* no. 10:22 M '65.
- Mirman, A. P. - Repeated surgery for gastroduodenal anastomoses. *Khirurgiya* 41 no. 8:13-18 Je '65.
- Mishchuk, A. D. - Observation of an extensive resection of the small and large intestines in volvulus due to Meckel's diverticulum. *Klin. khir.* no. 10:88-91 '64.
- Moros, I. M., Milash, A. A. - Use of lavage before the fixation of prolapsed rectum. *Klin. khir.* no. 1:34-35 F '64.
- Moros, M. A. - Injury of the ureter in appendectomy. *Klin. khir.* no. 8:54-57 F '64.

1257

618,640 (Continued)

- Zubovskii, V.N., Egizarian, V.F., Benesova, K.M. - Correlation of the thoracic and abdominal portions of the aorta. *Klin.khir.* no.11:88-91 N '68.
- Kuznetsov, F.N. - Surgical diseases in diabetes mellitus. *Vrach.delo.* no.1:186-189 Ja '69.
- Ivagin, I.M., Iserson, X.M., Vlasovskii, A.N. - Experience in the treatment of acute intestinal obstruction. *Klin.khir.* no.8:8-10 N '68.
- Kyba, M.A. - Plasmocytic cancer in the retroperitoneal space. *Klin.khir.* no.7:89-90 JI '63.

618,688(871.13)—Omniscip Province
Karpova, K.V. - Cancer section according to materials of Malarinitskaya No.3 of the City of Omsk. *Trudy OMI* no.87:126-127 '64.

618,688(71)—Canada
The new kinds: *Notulae. Bot. obozr.* 44 no.2:44-48 Ja '69

618.61 Circulatory, cardiovascular and blood diseases

- Abdrazhizova, G.A. - State of some components of the coagulation and anticoagulation systems of the blood in silicosis and silicobronchitis. *Trudy Alma.-Ata. gos.med. inst.* 23:123-128 '68.
- Abdrazhizova, G.A., and others. - Dissemination of atherosclerosis and hypertension among workers of petroleum refining industry. *Azerb.med.shar.* 45 no.2:3-7 D '68.
- Agladze, R.I. - Further observations on the treatment of recurrent rheumatism based on materials of the rheumatological office of Riga railroad hospital. *Shor.trad.vrach.Prilozh.shel.dor.* no.4:111-113 '68.
- Aleksandrovich, V.V., Vlasovskii, A.N. - Fractional significance of collateral blood circulation in the nutrition of mesenteric vessels in dogs. *Trudy Alma.-Ata. gos.med. inst.* 23:471-473 '68.
- Alidzova, G.L. - Case of acute hemolytic anemia developed following the intake of streptococci. *Trudy OMI* no.60:126-128 '64.
- Akhmedov, K.V. - Changes in the blood coagulation system in hypertension with thromboembolic complications. *Vrach.delo.* no.1:126-128 Ja '69.
- Aronin, A.K. - Case of thrombosis of the mesenteric vessels. *Klin.khir.* no.8:86-87 '68.
- Bakharov, P.M. - Changes in the content of cholesterol, phospholipids, triglycerides, and ketone bodies in the blood under the effect of physical exercise in patients with atherosclerosis. *Vop.med.khim.* 14 no.6:664-667 N-D '68.
- Baidinov, A.A. - Characteristics of changes in some indices of peripheral blood in workers of synthetic rubber industry. *Azerb.med.shar.* 45 no.2:36-40 D '68.
- Baidinov, A.A. - Clinical aspects, diagnosis, and treatment of ovarian hemorrhages. *Trudy OMI* no.87:227-228 '64.
- Baidinov, A.A., Kozlov, M.M., Bakharov, P.M. - Content of ascorbic acid and copper in the blood serum in coronary atherosclerosis and hypertension. *Trudy Alma.-Ata. gos.med. inst.* 23:127-128 '68.
- Bass-Shechtman, Kh.Y. - Properdin level in the blood serum of rats treated with combination of synovium and Thio-TPKA. *Klin. i lech. stok. novoborn.* no.11:217-224 '68.
- Bass-Shechtman, Kh.Y., Kalashnikov, G.K. - Protein fractions of the blood serum in synovial rats treated with combination of synovium and Thio-TPKA. *Klin. i lech. stok. novoborn.* no.11:215-218 '68.
- Bellin, K.IU., Shvachkov, I.U. - Case of polymorphism of the clinical picture of hemorrhagic capillary toxicosis in a 4-year-old girl. *Shor.trad.vrach.Prilozh.shel.dor.* no.4:111-112 '68.
- Belitskii, I.A., and others. - Significance of contrast methods of study in the diagnosis of "pulmonary disease" (Takayama's syndrome). *Klin.khir.* no.8:22-24 N '68.
- Berezova, M.A., Galperin, N.I. - Hemostatic changes in the blood serum under conditions of artificial hypotension. *Khirurgiya* 41 no.8:86-88 Ja '68.
- Bezdachnyi, D.V. - Study of some indices of regional metabolism in patients with varicose veins. *Klin.khir.* no.10:24-27 '64.
- Birbaev, M.L., Shalysov, L.N. - Dynamics of protein fractions of the blood serum in syphilitic patients under treatment. *Vest.derm.i ven.* 36 no.7:64-65 JI '68.
- Bogdanov, M.K. - Disaccharidase activity in patients with diabetes mellitus. *Vrach.delo.* no.1:111-117 Ja '69.
- Bogdanov, M.K. - Treatment of thrombophlebitis of the lower extremities by intravenous administration of novocaine, sedatives, and heparin. *Klin.khir.* no.10:28-31 '64.
- Bolshakov, V.K., and others. - Intravenous administration of blood and serum fluids in the prophylaxis and treatment of arterial hypertension in surgical interventions on the heart. *Klin.khir.* no.8:28-31 N '68.
- Borshcheva, V.M. - Changes in the peripheral blood in workers of the Dnieper hydroelectric plant. *Trudy Alma.-Ata. gos.med. inst.* 23:124-125 '68.
- Bril', M.L., Rodin, I.U. - Hematological and histological studies of some forms of generalized exfoliative erythroderma. *Vest.derm.i ven.* 36 no.7:24-30 JI '68.
- Brodnaya, M.K. - Bacteriemia obliterans and disseminated intravascular coagulation. *Klin.khir.* no.7:17-20 JI '63.
- Chamakov, A.A. - A picture of leukocytes in chronic non-specific tonsillitis. *Trudy OMI* no.60:73-78 '64.
- Chamakov, A.A., Talyshova, M.K. - Tonsillitis and adenotomies in an acute rheumatic period in children. *Trudy OMI* no.80:97-104 '64.
- Chudakov, V.E. - Experience in the surgical treatment of heart vessels. *Klin.khir.* no.8:73-74 N '68.

- Chudakov, V.E. - Conduction of the pericardium. *Klin.khir.* no.7:69-71 JI '64.
- Dalitskii, G.A., Khramovskii, M.A. - Thromboembolic complications and prethrombotic states diabetes mellitus. *Vrach.delo.* no.1:126-128 Ja '69.
- Deleto, I.A., Tregubenko, A.I. - Postoperative thromboembolic complications in cancer patients. *Klin. onk.* no.2:126-128 '68.
- Deslages, T.P. - Blood serum proteins following resection of the stomach, including or including the duodenum. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Deslages, T.P. - State of erythrocytes, the content of iron, copper and vitamin B12 in the blood serum following partial resection of the stomach, including or including the duodenum. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Dzhikova, G.B. - Tumors of the heart. *Shor.trad.vrach.Prilozh.shel.dor.* no.4:109-108 '68.
- Dolgin, M.I., Kozlov, M.I. - Subacute septic endocarditis in horses. *Klin.khir.* no.7:88-89 JI '68.
- Drozdova, M.K. - Treatment of thromboembolic obstructions with intravenous novocaine injections. *Klin.khir.* no.10:28-30 '64.
- Dzhenek, L.P. - Surgical treatment of thrombophlebitis of the mesenteric vessels of the lower extremities. *Klin.khir.* no.10:28-30 '64.
- Krasovskii, I.M., and others. - Use of cellulosic preparations for blood stabilization. *Vest.derm.i ven.* 36 no.4:117-120 '68.
- Yelgin, I.G. - Interrelations between glomerular filtration and effective renal plasma flow in nephroses. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Yelgin, I.G. - Separate concentration index of creatinine in nephroses complicated with hypertension. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Gerasimov, V.B. - Late complications of intracardiac injections in aortic valve obstructions. *Klin.khir.* no.10:28-30 '64.
- Gilenskiy, A.R. - Course and guidance of pregnancy and labor following surgery on the heart. *Trudy OMI* no.87:126-128 '64.
- Gilenskiy, A.R., and others. - Conduction of patients following myocardial infarction. *Vrach.delo.* no.1:126-128 Ja '69.
- Gilenskiy, A.R. - Hemorrhages following tonsillitis. *Trudy OMI* no.80:118-122 '64.
- Golovinskiy, I.F. - Operation on a heart wound in a patient in the condition of clinical death. *Klin.khir.* no.7:73 JI '64.
- Golovinskiy, I.F. - Cardiovascular disorders in some viral diseases and their prevention. *Vrach.delo.* no.1:126-128 Ja '69.
- Golovinskiy, I.F. - Effectiveness of heparin in decompensation of the heart. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Gravits, M. - Changes in the indices of oxygenation and acid-base equilibrium in the blood of an isolated extremity during regional perfusion. *Klin. i lech. stok. novoborn.* no.11:215-218 '68.
- Gusev, V.F., Khramovskii, V.G., Lomskii, M.M. - Thrombosis of the renal subcapsular (Paget-Schroetter syndrome). *Klin.khir.* no.10:28-30 '64.
- Gusev, M.A. - State of the acid buffer systems, and active blood reaction in pyrocytosis. *Vrach.delo.* no.1:126-128 Ja '69.
- Kalashnikov, G.K., and others. - Microthermoregulation method in the study of complement properties of dog sera in acute experimental hemorrhages. *Trudy TSNII. NIMM* 11:126-128 '68.
- Kalashnikov, G.K. - Heart surgery due to injury of the left ventricle. *Klin.khir.* no.11:78 N '68.
- Kalashnikov, G.K. - Hemostatic plasticity in combined gunshot wound of the vessels. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Kashkova, D.R. - Electrocardiographic studies of intestinal disorders in infants in connection with use of polystyrene pyrolysis. *Azerb.med.shar.* 45 no.2:114-117 D '68.
- Kurik, S.M., Kurik, V.A. - Changes in the blood coagulation system in the surgical treatment of cardiac aneurysms: angiographic data. *Klin.khir.* no.9:23-28 N '68.
- Kurova, G.G., and others. - Copper, iron and cobalt content in the plasma of children suffering from renal diseases at the subacute stage. *Mikroscop.* 7 no.6:110-111 '68.
- Kurova, G.G. - Success of embolization in the aortic bifurcation area following aortic aneurysmectomy. *Klin.khir.* no.11:21 N '68.
- Kuznetsov, G.A. - Late results of B.V. Petrovskii's plastic surgery for traumatic aneurysm of the heart. *Klin.khir.* no.11:21-22 N '68.
- Kozlov, A.P., Latsvetov, K.V. - Some causes of abdominal hemorrhages. *Trudy 1-go MIM* 30:248-250 '64.
- Kozlov, M.P., Matkov, A.S., Khramovskii, V.B. - Treatment of wounds, thrombophlebitis, and lymphostases with trypan blue. *Klin.khir.* no.11:21-22 N '68.
- Kozlovskii, M.K. - Effect of preliminary overheating of the organism on the blood coagulation system under conditions of acute hemorrhages. *Vrach.delo.* no.1:126-128 Ja '69.
- Kozlovskii, M.K. - Indices of blood coagulation in some operations on the cardiovascular system. *Klin.khir.* no.7:23-26 JI '64.
- Kozlovskii, V.D. - Significance of electrocardiogram in cerebral atherosclerosis. *Vrach.delo.* no.1:126-128 Ja '69.
- Kozlovskii, O.P. - Basic features of microcirculation in traumatic shock based on intravital microscopical data of the mesenteric vessels. *Biol. eksp. biol. i med.* 87 no.1:116-118 Ja '69.

- Klimovskii, B.R. - Protein content of the blood serum in rats during inflammation at late periods following irradiation. *Biol. eksp. biol. i med.* 87 no.2:28-31 Ja '68.
- Kon, M.V. - Changes in arterial pressure and cardiac output following occlusion of the abdominal aorta. *Biol. eksp. biol. i med.* 87 no.1:13-14 Ja '68.
- Kononovskii, V.A., Chernomir, M.K. - Hypertension and heredity in the light of modern studies on cellular metabolism. *Vop.med.khim.* 14 no.6:664-667 N-D '68.
- Kotlovskii, M.A., Adams'ev, M.A. - Method of suturing the coronary blood circulation with the use of electrostatic anastomosis. *Klin.khir.* no.8:27-28 Ag '62.
- Kovalenko, G.I. - Clinical aspects of capillary lesions. *Klin.khir.* no.10:23-24 '64.
- Krasovskii, M.I., Kozlovskii, V.I., Orlovskii, R.M. - Some problems of reconstructive surgery in arteries of the extremities. *Klin.khir.* no.11:21-22 N '68.
- Krylov, V.S., and others. - Late results of suture of major arteries with dacron prostheses. *Klin.khir.* no.10:23-24 '64.
- Kuznetsov, I.I. - Rheoencephalography in the diagnosis and medical prognosis of the capacity for work in cerebral forms of hypertension. *Vrach.delo.* no.1:126-128 Ja '69.
- Kuznetsov, V.A. - Removal of blood clots from the arteries of the extremities. *Klin.khir.* no.11:21 N '68.
- Kuznetsov, T.S., Kuznetsov, A.G. - Change in the electrocardiogram at an acute stage of left-heart aneurysm. *Trudy TSNII. NIMM* 11:126-128 '68.
- Lashkov, M.A., Ponomarev, V.N., Kozlovskii, R.I. - Functional state of the liver in rheumatism. *Vrach.delo.* no.1:126-128 Ja '69.
- Laptev, V.I.A. - Portal hypertension in subjects of the liver and post-traumatic disorders of the cellular structure of the abdominal cavity. *Klin.khir.* no.10:23-24 '64.
- Lisov, G.S. - Complications following splenectomy in portal hypertension. *Klin.khir.* no.7:24-26 JI '61.
- Maklov, G.A., Alekseeva, I.M. - Contractile and myoplasmic proteins of the myocardium in rabbits in experimental cardiac trauma, and the effect of natural compounds on them. *Vop.med.khim.* 14 no.6:664-667 N-D '68.
- Martynov, K.D. - Microscopic and pathologic correlation between epidermophytosis and some lesions of the large blood vessels of the legs. *Trudy OMI* no.6:134-135 '64.
- Maslov, M.F. - Late results of the treatment of patients following amputation of an extremity for aortic aneurysm. *Klin.khir.* no.11:21-22 N '68.
- Maslov, M.F. - Some problems of surgical treatment of aortic aneurysm. *Klin.khir.* no.10:23-24 '64.
- Mikhlin, R.I. - Aortic aneurysm of the abdominal aorta. *Vrach.delo.* no.1:126-128 Ja '69.
- Mironov, O.N., Belitskii, I.A. - Histological changes as a method of treating pulsating hematomas and aneurysms of the vertebral artery. *Klin.khir.* no.11:21-22 N '68.
- Moroz, D.D., Tashchinskii, M.M. - Changes in the kidney capacity of the corticosteroid-binding blood plasma globulin in acute radiation sickness. *Biol. eksp. biol. i med.* 87 no.1:126-128 Ja '69.
- Nemiro, D.A. - Effects of prolonged anesthesia of aortic fluid in decompensated forms of portal hypertension. *Klin.khir.* no.10:23-24 '64.
- Nemirovskii, M.V. - Cryoprotection of plasma in splenectomy, Werthoff's disease, and acute leukemia before and after surgical and conservative treatment. *Klin.khir.* no.11:21-22 N '68.
- Nikolov, V.M., Nemirovskii, M.M. - Direct and indirect methods of measuring arterial blood pressure. *Klin.khir.* no.7:24-26 JI '61.
- Nikolovskii, N.O. - Content of ascorbic acid in the blood serum and adipose tissue in rats in shock. *Biol. eksp. biol. i med.* 87 no.1:126-128 Ja '69.
- Nediga, I.U. - Penetrating wound of the heart. *Klin.khir.* no.9:23 N '64.
- Oldakov, M.M. - Lesions of the pericardium in acute septic endocarditis. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Oldakov, M.M. - Myocardial lesions and electrocardiographic examinations in chronic septic endocarditis. *Trudy Alma.-Ata. gos.med. inst.* 23:126-128 '68.
- Ostrovskii, V.P. - Disorders of oxygen supply of the organism in patients with gitter and thyrotoxicosis before and following surgical treatment, according to the data of blood gases. *Klin.khir.* no.8:27-28 Ag '64.
- Ostrovskii, B.I., Pashchinskii, V.I. - State of the blood coagulation system in chronic nonspecific pneumonia. *Vrach.delo.* no.1:126-128 Ja '69.
- Parola, D.I., Mikhailov, G.I. - Mechanism of hypercoagulability in response to temporary occlusion of blood flow in cerebral vessels. *Biolog. zhurn.* 54 no.11:1189-1192 O '68.
- Pavlovskii, L.P. - Change in the functional state of the blood coagulation and anticoagulation system during and following surgery on abdominal organs. *Khirurgiya* 41 no.8:84-85 Ja '68.
- Petrov, M.M. - Carotid sphygmograms and its changes following surgery for aortic defects. *Klin.khir.* no.11:21-22 N '68.
- Petrovskii, B.V., and others. - Use of citrate blood in operations on the open heart under conditions of artificial blood circulation: an experimental study. *Klin.khir.* no.7:23-26 JI '64.
- Pishchinskii, L.K. - Effect of tonalactone on the course of rheumatism in patients of the Irtysh basin water transport according to materials of the VSO Hospital for 1964-1965. *Trudy OMI* no.60:123-123 '64.

64.1 (Continued)

- Piskunov, A. L., Demiduk, P. F. - Longitudinal stenosis in compressing pericarditis. *Klin. khir.* no. 8: 15-19 '65.
- Portnoi, M. B. - Acute compression of the subclavian vessels. *Klin. khir.* no. 8:40-43 '65.
- Preger, O. M., Prager, S. M. - Bilirubin level in the blood serum of horses following their immunization with soluble antigens and during hemorrhages. *Trudy Tomskogo univ.* 15:281-285 '64.
- Preger, O. M., Polkova, I. A. - Calcium and magnesium levels in blood sera of horses following hyperimmunization with tetanus antitoxin and during hemorrhages. *Trudy Tomskogo univ.* 15:307-308 '64.
- Prezheva, R. M. - Effect of acute X irradiation on the adaptation reaction in animals vaccinated against streptococci. *Trudy Alma.-Ata. gos. med. inst.* 23:304-308 '64.
- Prigodskii, V. V. - Vetal hemoglobin content in acute hemolytic syndromes. *Vrach. delo* no. 1:31-32 '64.
- Prokofiev, D. I. - Vitamin A and carotene in the blood serum in pulmonary tuberculosis. *Probl. tub.* 43 no. 8:44-48 '65.
- Prusa, G. M., Moritzkii, N. S., Samakov, I. U. G. - Protein and nucleic acid synthesis in the myocardium of the mouse in experimental infarction of the myocardium. *Khark. dokl. vuz. shkoly; Biol. nauk* II no. 11:39-43 '66.
- Rabotnikov, V. S., Kogon, B. M. - State of the collateral blood circulation in occlusion of major vessels, according to data of volumetric spirometry. *Klin. khir.* no. 10:37-41 '65.
- Rachinskii, A. V., Sereda, K. V., Kufshak, O. M. - Significance of histamine and its bioactive in the pathogenesis of tuberculosis in young children. *Probl. tub.* 43 no. 8:66-71 '65.
- Rozhnokov, V. K. - Effect of preoperative preparation on the blood protein formula in primary cancer of the lungs. *Trudy 1-go MMI* 30:68-64 '64.
- Rov, R. - Rheumatism and the function of the thyroid gland. *Sov. trud. vrach. Prikl. shkol. dor.* no. 4:107-110 '64.
- Rudina, V. - Effect of acetylcholine and tryptophan on the blood picture and blood serum protein tryptophan in leprosy in patients with malignant neoplasms. *Klin. i lech. sluk. novobraz.* no. 11:117-123 '65.
- Sail, A. P. - Acute poisoning by ammonia water. *Vrach. delo* no. 1:143-144 '64.
- Sapozhnikova, R. A., Abdrazitova, G. A., Artykova, R. I. - State of the coagulation and anticoagulation systems of the blood in silicosis and silicobronchitis. *Trudy Alma.-Ata. gos. med. inst.* 23:150-161 '65.
- Sapozhnikova, R. A., Oksa, D. M., Valman, B. A. - Some data on vascular crises in middle-age and elderly persons with atherosclerosis. *Trudy Alma.-Ata. gos. med. inst.* 23:159-164 '65.
- Savitsky, V. S., Zlatavskii, I. I., Malyshev, D. T. - Methodology of surgical treatment of acute occlusions of aortic bifurcation and major vessels of the extremities. *Klin. khir.* no. 11:23-28 '65.
- Sergeev, A. V. - Comparative study of the properties and activity of tetrahydrofolate hydrogens of the liver and spleen in leukemias of viral etiology. *Vop. med. khim.* M no. 6:400-421 '64.
- Servits, S. E., Tselis, L. A., Bolko, S. S. - Content of histamine and the activity of histaminohydrolyase-occluding enzymes in adrenalin myocarditis. *Vop. med. khim.* M no. 6:423-427 '64.
- Shchegolev, G. M., Vavry, R. W., Chibrikov, A. D. - Amount of transamine in the blood serum of patients with some dermatoses. *Vest. dermat. i ven.* 32 no. 7:14-20 '64.
- Shchukov, I. U. G. - Synthesis of proteins, RNA, and phospholipids in the myocardium in compensatory cardiac hyperfunction following preliminary occlusion. *Biol. zhup. khim. i med.* 67 no. 1:23-24 '64.
- Shor, M. A. - Two cases of the Paget-Schroetter syndrome. *Klin. khir.* no. 10:71-73 '64.
- Shchuk, I. P. - Portal hypertension or disorder of the blood circulation in the portal vein. *Klin. khir.* no. 10: 39-40 '65.
- Shchuk, F. I. - Antitoxic function of the liver in thrombophlebitis of the extremities. *Trudy 1-go MMI* 30:1 347-355 '64.
- Shchuk, M. M. - Dependence of reactions of the cardiovascular system upon the method of anesthesia in the surgical removal of cancer metastases from the cervical lymph nodes. *Klin. khir.* no. 11:204-208 '65.
- Shchukovskii, A. I. - Changes in the protein content of the blood serum under the influence of anesthesia in experimental clinical conditions. *Klin. khir.* no. 8:85-87 '64.
- Shchukov, V. A. - Single-stage ligation of the vena cava inferior and both vena ilioa. *Klin. khir.* no. 9:70-71 '64.
- Shchukov, V. L., Baidynov, V. M. - Some characteristics of the treatment of major vessels and bronchus in pneumothorax, using the posterolateral approach. *Trudy 1-go MMI* 30:70-72 '64.
- Shchukov, A. I. - Characteristics of arterial blood supply of the liver. *Klin. khir.* no. 7:47-52 '64.
- Shchukov, M. F. - Providing the abdominal aorta with prostheses of a venous anastomosis reinforced by a sleeve of desiccated bone; experimental research. *Trudy 1-go MMI* 30:116-123 '64.
- Tikhon, K. K., Talyk, R. M. - Determination of indications to reconstructive surgery by measuring the arterial pressure and registration of pulse waves in children with atherosclerosis. *Klin. khir.* no. 11:28-31 '65.
- Tikhonov, G. I. - Effect of femoral arteriovenous anastomosis on hemodynamics under conditions of traumatic shock. *Trudy Alma.-Ata. gos. med. inst.* 23:288-290 '65.
- Tipton, V. - Metastases of malignant tumors into the heart. *Klin. i lech. sluk. novobraz.* no. 11:61-64 '65.
- Toskin, K. D. - Hemorrhagic pancreatitis syndrome as a result of Schistosoma-Haemoch disease. *Klin. khir.* no. 11: 68-67 '65.
- Tumashova, M. I. - Blood serum autoantibodies in leprosy. *Vest. dermat. i ven.* 32 no. 7:83-84 '64.
- Tsistishcheva, G. M. - Protein composition of the blood serum in cirrhosis of the liver. *Trudy Alma.-Ata. gos. med. inst.* 23:188-189 '65.
- Ushakov, M. N., Shchuk, A. V. - Bivalvular aortic is aortic valvular defects. *Vrach. delo* no. 1:17-22 '64.
- Ushakov, F. G., Shchukova, A. I. A. - Role of oxygen therapy in preoperative preparation of patients with mitral stenosis of the 3rd stage. *Klin. khir.* no. 11:16-19 '64.
- Vasovskaya, A. P. - Course of the placental and early postpartum periods in women with organic lesions of the heart. *Trudy Alma.-Ata. gos. med. inst.* 23: 332-337 '65.
- Varkhivskii, S. A., Losin, A. I. - Stimulation of the testicular function by the increase of directed blood circulation. *Klin. khir.* no. 10:44-48 '65.
- Vaslov, M. D. - Wound of the heart. *Klin. khir.* no. 7: 77 '64.
- Vinogradov, A. G. - Characteristics of the blood supply of the stomach, transposed into the pleural cavity in esophagectomy. *Klin. khir.* no. 11:80-83 '65.
- Vinogradov, I. E. - Reinberg's operation, abdominalization of the heart. *Klin. khir.* no. 12:85 '64.
- Vityay, B. A., Ivanov, P. A. - Hemophilia. *Klin. khir.* no. 10:72-73 '65.
- Zakharov, G. K. - Changes in the picture of blood serum proteins in patients with malignant neoplasms during chemotherapy combined with x-ray. *Klin. i lech. sluk. novobraz.* no. 11:307-313 '65.
- Zakharov, M. I. - Approaches to the external carotid artery. *Klin. khir.* no. 9:75-78 '65.
- Zakharov, R. P. - Results of comparisons of the DeBakey-Peetee test indices with phlebographic data following thrombosis of the deep veins of the lower extremities. *Klin. khir.* no. 10:11-19 '64.
- Zakharov, V. - Surgical treatment of constrictive pericarditis. *Sov. trud. vrach. Prikl. shkol. dor.* no. 4:33-31 '65.
- Zilber, I., Kuznetsov, I., Brinkberg, V. - Effect of sympsectomy on the picture of peripheral blood clinical observations. *Klin. i lech. sluk. novobraz.* no. 11:113-118 '65.
- Zakharovskii, V. M., Kuznetsov, V. F., Semenov, S. M. - Contraction of the thoracic and abdominal portions of the aorta. *Klin. khir.* no. 11:80-81 '64.

616, 1(477)—Ukrainian S. S. R.

Belitskii, V. P. - Treatment of hemorrhoids at the Khmelnyk Health Resort. *Vrach. delo* no. 1:26-28 '64.

616.2 Respiratory diseases

- Abdrashitova, G. A. - State of some component of the coagulation and anticoagulation systems of the blood in silicosis and silicobronchitis. *Trudy Alma.-Ata. gos. med. inst.* 23:152-153 '65.
- Aleksandrova, L. L., Kolotav, A. E. - Clinical aspects of the Plekshidina syndrome. *Vrach. delo* no. 1:137-139 '64.
- Arakchov, M. R. - Role of the bacteriostatic phthalate in the treatment of tuberculosis in children. *Probl. tub.* 43 no. 8:23-24 '64.
- Antonova, R. A. - Primary malignant pleural tumors. *Klin. khir.* no. 12:68-69 '64.
- Apelova, M. M. - Disorders of the basal metabolism in cancer of the lungs. *Klin. onk.* no. 3:23-29 '65.
- Apelovskii, D. M. - Results of the treatment of the cancer of the lung. *Probl. tub.* 43 no. 8:44-45 '64.
- Bakht, I. A., Cherenko, M. P. - Pneumothorax at surgery in the diagnosis of cancer tumors and tumorlike formations of the mediastinal organs. *Klin. khir.* no. 11: 40-43 '65.
- Bakhtov, A. I. - Anesthesia and early postoperative period in limited and disseminated forms of pulmonary tuberculosis. *Probl. tub.* 43 no. 8:33-34 '65.
- Bakhtov, M. E. - Pericardial cyst with caprot tissue in dilated pneumothorax. *Klin. khir.* no. 7:70-71 '64.
- Bilyk, B. T. - Primary cancer of the duodenum. *Klin. khir.* no. 3:38-41 '64.
- Bilodnyanskii, M., and others. - Control study of chronic pulmonary tuberculosis treated with tuberculin preparations of the second series. *Probl. tub.* 43 no. 8:20-25 '64.
- Brink, I. L. - Thoracotomy management of patients following surgery on the nasal region. *Trudy OMI* no. 50: 183-183 '64.
- Brodskaya, A. V., Chernikov, V. A. - Clinicomorphological characteristics of diseases of the upper respiratory tract in miners. *Trudy Alma.-Ata. gos. med. inst.* 23:474-484 '65.
- Dobson, A. P. - Pericardial cancer of the lung. *Klin. khir.* no. 7:51-54 '64.
- Dobson, R. O., Marova, M. E. - Antigenic characterization and nature of atypical acid-resistant Mycobacteria isolated in tuberculosis. *Probl. tub.* 43 no. 10:63-68 '65.
- Dorda, I. L. - Pneumothorax of the lungs, a complication of acute pancreatitis. *Klin. khir.* no. 10:73-77 '64.
- Dzhalilov, Z. A. - Use of concentrated tuberculin solutions in the tuberculin-antibacterial therapy in destructive forms of pulmonary tuberculosis. *Probl. tub.* 43 no. 10:63-68 '65.
- Elvich, G. I. - Use of intravital diagnosis of multiple alveolar pulmonary embolism. *Probl. tub.* 43 no. 10:73-80 '65.
- Fedorov, B. F. - Planning safe operations for chronic expansion of the lungs. *Trudy 1-go MMI* 30:134-143 '64.
- Fisher, E. F., Pokrovskii, B. M., Tikhonova, L. M. - Infecology in the acute phase of tuberculous pneumonia complicated by profuse pulmonary hemorrhage. *Klin. khir.* no. 7:74-78 '64.
- Friedman, B. N., Vigdorov, I. V. - X-ray diagnosis of pulmonary carcinoma; X-ray comparison. *Sov. trud. vrach. Prikl. shkol. dor.* no. 4:171-178 '64.
- Fridman, N. A. - Foreign body left in the frontal sinus during postoperative treatment. *Trudy OMI* no. 50: 221-224 '64.
- Fridman, N. A., and others. - Thermostoinometry in the study of the state of postvaccination allergies in rabbits vaccinated with BCG. *Trudy Tbil. NGMI* 1:69-72 '64.
- Gaidarov, N., Tsakova, B., Tsakova, P. - BCG test in the detection of tubercular allergy. *Probl. tub.* 43 no. 8:12-13 '65.
- Ganul, V. L., and others. - Some controversial problems in the diagnosis of mediastinal tumors. *Vrach. delo* no. 1:63-65 '64.
- Gladkova, T. S., Strashin, A. I., Shvaritsberg, E. M. - Effectiveness of treating pulmonary cancer with Co⁶⁰ radiation and bromocriptine of 4.5 Mev energy. *Med. rad.* 13 no. 118-121 '64.
- Gorovskii, G. G., Tarasov, M. T. - Hamartochondromas of the lung. *Klin. khir.* no. 7:30-30 '64.
- Grigoriya, A. V. - Indications and contraindications to radical surgical treatment of primary cancer of the lungs. *Trudy 1-go MMI* 30:40-48 '64.
- Grigoriya, A. V., Balashov, V. A. - Two cases of recovery from the Bannberg-Marie disease following removal of a tumor of the lung. *Trudy 1-go MMI* 30:118-121 '64.
- Grigoriya, A. V., Denishchev, L. T. - Preparation of patients for radical surgery for primary cancer of the lungs. *Trudy 1-go MMI* 30:40-48 '64.
- Grigoriya, A. V., Vol' - Kuznetsov, G. I., Kabanov, V. A. - Clinical and X-ray pictures of cancer of the lungs. *Trudy 1-go MMI* 30:47-50 '64.
- Grigoriya, V. V., Shchukovskii, L. V. - Chemoprophylaxis of tuberculosis in children coming from bacillary foci and having negative Pirquet reaction. *Probl. tub.* 43 no. 8:9-11 '65.
- Iaroslavskii, E. I. - Causality of otolaryngological traumatology. *Trudy OMI* no. 50:226-230 '64.
- In memory of Prof. A. A. Kachin. *Probl. tub.* 43 no. 8: 64 '65.
- Ismagilova, A. Sh., Kabanov, E. M. - Clinical characteristics of atypical bacterial pneumonia in children at an early age. *Trudy Alma.-Ata. gos. med. inst.* 23: 340-343 '65.
- Kalashnikov, V. V. - Respiratory disorders due to insufficiency of the renal functions; renal dyspnea. *Trudy OMI* no. 50:219-224 '64.
- Kabanov, V. M., Stanin, I. U. A. - Methodology of insubbing the nerve fibers of the mucous membrane of the general nasal cavity in paraffin sections following decalculation. *Trudy OMI* no. 50:243-244 '64.
- Kabanov, V. M., Shchuk, E. I. - Foreign body in the bronchus, complicated by pneumothorax, pulmonary atelectasis, suppurative tracheobronchitis, and pneumonia. *Trudy OMI* no. 50:243-243 '64.
- Kapkov, L. P. - Anesthesia in bronchoscopy in children and adolescents with pulmonary tuberculosis. *Probl. tub.* 43 no. 10:23-24 '65.
- Kapkov, A. I., and others. - Results of examining the functional state of the external respiration in nonpenetrating wounds of the lungs. *Trudy Alma.-Ata. gos. med. inst.* 23:388-394 '65.
- Karashnikov, M. K. - Case of primary multiple tumors with laryngeal lesions. *Trudy OMI* no. 50:188-188 '64.
- Kavak, T. I., Vinner, M. G. - Retention cysts complicated by endobronchial tuberculosis. *Probl. tub.* 43 no. 10: 43-47 '65.
- Kuznetsov, V. P., and others. - Study of the complement properties of the blood serum in relation to tubercula using the TC method in tuberculosis. *Trudy Tbil. NGMI* 1:29-44 '65.
- Kuznetsov, V. P., and others. - Use of microchemo-resistance in the detection of antibodies to streptococci in tuberculosis. *Trudy Tbil. NGMI* 1:63-68 '64.
- Kuznetsov, A. M. - X-ray treatment of pulmonary tuberculosis in elderly patients under conditions of alpine climate. *Trudy Alma.-Ata. gos. med. inst.* 23: 173-178 '65.
- Khorasani, A. G., Chashk, O. I. - Latent drug resistance of Mycobacterium tuberculosis following lung resection. *Probl. tub.* 43 no. 10:24-25 '64.
- Khrush, E. E. - Determination of the term of operative intervention in the compound treatment of pulmonary tuberculosis. *Klin. khir.* no. 7:38-39 '64.
- Kondilanko, A. G., Kotodskovskii, M. V. - Use of prototypic enzymes in the treatment of nonspecific pulmonary diseases. *Vrach. delo* no. 1:63-65 '64.
- Kotodskovskii, A. A. - Anomaly in the development of the esophagus and trachea. *Trudy OMI* no. 50:243-247 '64.
- Kotodskov, P. E., Fadeeva, E. M., Karpenko, G. I. - Incidence of tonsillitis and measures to reduce it in enterprises of the machine building industry. *Trudy OMI* no. 50:189-193 '64.
- Kurlovskii, M. A. - Organization of dispensary services to patients with fibrocavernous tuberculosis in rural areas. *Vrach. delo* no. 1:123-128 '64.
- Kuznetsov, P. A., Kabanovskii, V. I. - Morphological changes of the mucous membrane of the upper respiratory tract and larynx elements of the brain under the effect of granules. *Trudy OMI* no. 50:149-154 '64.
- Lelchik, M. E. - Experimental plastic surgery for the closure of tracheal defects of the tracheal wall. *Klin. khir.* no. 8:28-29 '64.
- Lepavskii, A. G., Trakht, E. I., Larionov, V. I. - Case of a hepaticobronchial fistula. *Klin. khir.* no. 10:48-50 '65.

612.3 (Continued)

1. Iechin, F. L. - Vladimir Antonovich Ravich-Scherbovskiy 75th birthday. Probl. tub. 43 no. 5:53-54 '65.
2. Lintanaki, M. E. - Experience in the study of morbidity with temporary disability in connection with tuberculosis of the respiratory organs in workers of the Kiev Artificial Filter Plant. Probl. tub. 43 no. 10:11-13 '65.
3. Iekhts, I. E., Tikhon, T. M. - Determination of sputum acid in pulmonary tuberculosis. Probl. tub. 43 no. 8:54-55 '65.
4. Lisovskaya, M. P. - Variants in the clinical course of polyposis of the nose and accessory sinuses. Trudy OMI no. 54:183-184 '64.
5. Lisovskaya, M. P., Kosheleva, V. G. - Infectious laryngotracheitis. Trudy OMI no. 50:200-207 '64.
6. Mokharov, R. A. - Chylithorax and spontaneous pneumothorax. Klin. khir. no. 6:59-60 Ag '64.
7. Mirzoev, E. Z. - Allergic characteristics in secondary pulmonary tuberculosis. Probl. tub. 43 no. 18:47-51 '65.
8. Mukha, V. G. - Adenomas of the parotid salivary gland. Khir. khir. no. 2:69-70 F '64.
9. Mukha, V. G. - Position of the lungs in elderly and senile patients following intra-abdominal operations. Klin. khir. no. 6:53-55 Ag '64.
10. Nidgerler, M. K., Kochegurov, A. A. - Hematomas of the lung. Klin. khir. no. 7:71-73 Ji '64.
11. Novodolodskii, L. P. - Case of a cholesterolemic fistula. Klin. khir. no. 10:44-45 O '65.
12. Orlov, A. - Case of gastric leiomyosarcoma. Shor. trud. vrach. Pribl. shch. dor. no. 4:71-73 '64.
13. Orlovskii, A. A., Gurevich, M. M. - Successful treatment of an esophageal diverticulobronchial fistula. Klin. khir. no. 7:54-57 Ji '65.
14. Ostrovskaya, R. U., Ostrovskii, V. U., Gusevich, E. L. - Effect of sodium hydroxybutyrate on the content of lactic and pyruvic acids in hypoxia. Biol. eksp. Med. no. 1:34-35 Ja '65.
15. Oshchinskii, B. I., Pashchinskii, V. I. - State of the blood coagulation system in chronic ascaridosis pneumonia. Vrach. delo. no. 1:73-81 Ja '64.
16. Pashchinskii, B. I. - Chaglikovskiy of the mediastinum. Klin. khir. no. 7:57-58 Ji '65.
17. Pichko, A. P. - Increasing the operational quality of the KES-4 electrocardiograph. Pribl. shch. dor. no. 9:41-43 '67.
18. Polakovich, B. A., Balgurov, P. P., Korotkova, O. M. - Complications in esophageal anastomosis. Klin. khir. no. 6:54-57 Ji '65.
19. Prokofiev, D. L. - Vitamin A and carotene in the blood serum in pulmonary tuberculosis. Probl. tub. 43 no. 8:45-47 '65.
20. Protchuk, R. G. - Significance of bronchography and pleurography in the diagnosis of residual pleural cavity. Vrach. delo. no. 1:85-88 Ja '64.
21. Protchuk, R. G. - Intracavitary and late results of surgical treatment of cancer of the lung. Trudy I-go MIM 30:20-24 '64.
22. Rachinskii, S. V., Sereda, E. V., Kozlovskii, O. M. - Significance of histamine and its metabolism in the pathogenesis of tuberculosis in young children. Probl. tub. 43 no. 8:68-71 '65.
23. Rabin, A. I., Vagner, R. I. - Diseases preceding cancer of the lung. Klin. khir. no. 2:72-77 '64.
24. Resolutions of the Seventh All-Union Congress of Pulmonologists, adopted November 27, 1964. Probl. tub. 43 no. 8:1-8 '65.
25. Reznik, G. R. - Experience in the use of oxygen in radiotherapy of pulmonary cancer. Klin. khir. no. 2:146-148 '64.
26. Riktor, A. I., Kryazova, E. B., Vasil'ev, V. A. - Surgical tactics in the presence of foreign bodies of gunshot origin in the lungs at late periods after the wounding. Klin. khir. no. 6:50-52 Ag '64.
27. Rodionova, E. M., and others. - Method of detecting C-reactive protein. Trudy TSNL MIM 1:73-74 '66.
28. Rodionova, V. E. - Effect of preoperative preparation on the blood protein fraction in primary cancer of the lung. Trudy I-go MIM 30:54-56 '64.
29. Rodionov, V. A. - Late results of surgical treatment of chronic squamous cell cancer of the lung. Trudy I-go MIM 30:144-152 '64.
30. Shipilova, R. A., Abdrashitova, G. A. - State of the respiratory function in silectosis and silectobronchitis based on materials from Luchoporsk and Tselinok. Trudy Alma-Ala. gos. med. inst. 33:144-149 '65.
31. Shipilova, R. A., Abdrashitova, G. A., Artykhova, E. L. - State of the coagulation and anticoagulation systems of the blood in silectosis and silectobronchitis. Trudy Alma-Ala. gos. med. inst. 33:150-156 '65.
32. Shkiba, T. V. - Motor function of the small intestine in pathological conditions of the respiratory system. Trudy Vostochno-sibirskoi med. shk. no. 7:261-265 '67.
33. Shkiba, A. V. - Neuroticism of the nose and its accessory cavities. Trudy OMI no. 54:183-184 '64.
34. Shkiba, M. G. - Traumatic rupture of the bronchus in the presence of pulmonary atelectasis. Klin. khir. no. 8:87-90 Ag '64.
35. Shkiba, P. I. - Characteristics of metastatic spreading in primary cancer of the lung. Trudy I-go MIM 30:10-17 '64.
36. Shch, V. A. - Observation of tuberculosis of the posterior mediastinum. Klin. khir. no. 7:73-74 Ji '64.
37. Shchegoleva, E. K., Belogorova, V. P., Shchegoleva, A. L. - Effectiveness of surgical treatment of pulmonary tuberculosis caused by drug-resistant Mycobacterium tuberculosis. Probl. tub. 43 no. 10:50-52 '65.
38. Shchegoleva, E. K., Belogorova, V. P., Logovinskii, O. G. - Surgical treatment of children and adolescents with pulmonary tuberculosis. Probl. tub. 43 no. 18:58-64 '65.
39. Shchegoleva, E. K. - Use of slow rotational electrical action in straightening the lung following partial resection in patients with tuberculosis. Klin. khir. no. 7:53-55 Ji '64.

40. Smolchinskii, T. M. - Possibility to study some clinical practice tactics on models of experimental pulmonary tuberculosis cavities. Probl. tub. 43 no. 8:75-78 '65.
41. Solov'ev, F. A. - Bronchial pneumonia of suckling pigs and its prophylaxis on the farms of the Byelorussian Trudy Vostochno-sibirskoi med. shk. no. 7:265-273 '67.
42. Solov'ev, V. I., Volkov, N. N., Kikashov, M. M. - Complete analysis of the main bronchi. Klin. khir. no. 9:75-78 Ji '64.
43. Solov'ev, V. M., Sokolova, E. M., Chernobayko, B. V. - Effect of kanamycin and isoniazid on the sensitivity of Mycobacterium tuberculosis to the protective factors of the macrophage. Probl. tub. 43 no. 16:58-72 '65.
44. Strockov, V. I. - Surgical treatment of chronic suppuration of the lungs. Trudy I-go MIM 30:123-126 '64.
45. Strockov, V. I. - Urgent problems of cancer of the lung. Trudy I-go MIM 30:9-13 '64.
46. Strockov, V. I. and others. - Foreign bodies in the lungs. Trudy I-go MIM 30:177-187 '64.
47. Strockov, V. I., Guryanov, V. M. - Some characteristics of the treatment of major vessels and bronchi in pulmonary cancer, using the posterolateral approach. Trudy I-go MIM 30:160-171 '64.
48. Sukhikh, I. T., Gusevich, A. I., Vdovichenko, P. I. - Combination of bronchogenic cancer and tuberculosis of the lung. Klin. khir. no. 8:68-73 '64.
49. Sushakov, G. A., Ioffe, R. A., Podskova, A. G. - Isolation of isoniazid and its influence on the effectiveness of mediastinal treatment of pulmonary tuberculosis. Probl. tub. 43 no. 8:23-28 '65.
50. Tikhon, E. A. - Analysis of some clinical-statistical and autopsy data on pulmonary tuberculosis for the last 25 years. Probl. tub. 43 no. 10:10-15 '65.
51. Tikhon, E. A. - Local anesthesia using a 0.5% novocaine solution in bronchography of chronic suppurative pneumonia of the lung. Trudy I-go MIM 30:130-133 '64.
52. Tikhon, E. A. - Effect of isoniazid on the coagulability of whole blood based on materials of the railroad pediatric polyclinic of Riga station. Shor. trud. vrach. Pribl. shch. dor. no. 4:113-121 '64.
53. Tikhon, M. V. - Management of the pleural cavity following pulmonary cancer. Trudy I-go MIM 30:73-78 '64.
54. Tikhon, K. M. - Isolation of phorbol, tubulin, and metacide in the organism of tubercular patients. Probl. tub. 43 no. 8:23-28 '65.
55. Tikhon, M. V. - Adipose tumors of the mediastinum. Shor. trud. vrach. Pribl. shch. dor. no. 4:145-152 '65.
56. Vidari, M. M. - X-ray picture of atelectasis. Azerb. med. zhur. 48 no. 12:7-11 D '65.
57. Vikarev, E. - Determining the tubercular process phase in cancerous necrosis foci by measuring the intensity of secondary fluorescence glow. Probl. tub. 43 no. 10:73-78 '65.
58. Vidyashina, A. M., Fina, E. B., Kuznetsova, Z. A. - Identification of hydrolytic acid in the organisms of patients and resistance of Mycobacterium tuberculosis to drugs. Probl. tub. 43 no. 8:73-78 '65.
59. Volnov, E. A. - X-ray, radiologic, and surgical method in compound treatment of bronchopulmonary cancer. Klin. khir. no. 2:123-124 '66.
60. Zabolotnyi, M. D. - Bronchopneumonia as a supplementary examination of patients with lung cancer under conditions of an oncological dispensary. Klin. khir. no. 2:127-130 F '64.
61. Zabolotnyi, M. D. - Cause of acute intoxication in bronchopneumonia. Probl. tub. 43 no. 10:80-81 '65.
62. Zabolotnyi, M. D., Zabolotny, D. R. - Isolated embolism of the diaphragm. Klin. khir. no. 2:144-147 '64.
63. Zabolotny, V. E. - Pathologic anatomy and acute problems of the pathology of primary cancer of the lung. Trudy I-go MIM 30:97-98 '64.
64. Zabolotny, V. E., Zabolotny, D. R. - Technique used in the operation of hard-to-reach foreign bodies from the bronchus. Trudy OMI no. 50:230-240 '64.
65. Zabolotny, T. M. - Errors in the X-ray diagnosis of bronchial shadows of the mediastinum in young children. Klin. khir. no. 2:104-107 '66.
66. Zabolotny, A. B., and others. - Clinical aspects and pathologic anatomy of lymphoproliferative tumors of the otolaryngological organs. Trudy OMI no. 50:176-184 '64.

612.4(471.5)—Ural regions

1. Gorbunovskii, E. M. - Mortality due to tuberculosis among the Ural urban population. Probl. tub. 43 no. 10:14-16 '65.

612.4(471.5)—Western Ukraine

1. Ostrochuk, V. F. - Cancer of the lungs according to materials of therapeutic institutions of Ternopol' Province. Klin. khir. no. 2:153-156 '65.

612.4(471.5)—Czech Province

1. Khamov, V. M. - Effect of tonsillectomies on the state of the upper respiratory tract in workers of the Czech Petroleum Refining Plant. Trudy OMI no. 50:145-149 '64.

612.3 Digestive system. Gastroenterology. Duodenal diseases

1. Adil'gireva, I. Kh. - Esophageal leiomyosarcoma. Trudy Alma-Ala. gos. med. inst. 33:178-181 '65.
2. Akhmedov, A. A., Khatayeva, E. L. - Benign tumors and differentiae between site and position of the separate teeth in different pairs of twins. Azerb. med. zhur. 48 no. 12:7-11 D '65.
3. Akhmedovskii, G. L. - Extensive resection of the duodenum. Klin. khir. no. 8:113-115 Ag '64.
4. Akhmedovskii, V. M. - Separate nature of the vascular areas of the liver. Klin. khir. no. 11:10-15 F '65.
5. Andreev, O. V. - Bile ductocystitis of the pancreas. Klin. khir. no. 7:43-44 Ji '64.

6. Andreev, P. I. - Artificial esophagus from the fat of the large intestine with isoperistaltic motion of its transplants. Klin. khir. no. 2:13-14 F '64.
7. Apkarants, P. B., Ogoledova, M. P. - Primary lymphatic sarcoma of the stomach. Klin. khir. no. 12:83-84 '64.

8. Arsen'ev, A. M. - Symptoms of acute leukemia in chest trauma of the thorax. Klin. khir. no. 8:81-82 Ag '64.

9. Arvidov, S. B. - Use of buried sclere in surgical treatment of chronic paraproctitis. Klin. khir. no. 2:14-15 F '64.

10. Arvidov, S. B., Mikhlin, I. A. - Chylidary leukemia: a surgical practice (purpura abdominalis). Klin. khir. no. 10:43-47 '64.

11. Babitskii, M. L. - Treatment of acute and chronic gastric and duodenal ulcers. Vrach. delo. no. 1:144-145 Ja '64.

12. Baranovskaya, M. L., Tashirova, M. M., Shlyk, G. K. - Methodology of the determination of leucocyte counts in industrial poison and intestinal diseases. Vrach. delo. no. 1:144-145 Ja '64.

13. Baskin, A. P. - Clinical aspects of a late partial medical operation of the capacity for work following resection of the stomach for cancer. Vrach. delo. no. 1:144-145 Ja '64.

14. Baskin, S. L., Shcherbakov, G. T. - Spontaneous rupture of the liver in labor. Trudy OMI no. 51:288-289 '64.

15. Baskin, A. P. - Intestinal obstruction due to cancer of the large intestine. Trudy I-go MIM 30:173-177 '64.

16. Belanin, P. I. - Four-year experience in the surgical treatment of acute cholecystitis. Klin. khir. no. 12:83-84 O '65.

17. Belits, M. N. - Isolated rupture of the pancreas in a closed abdominal wound. Klin. khir. no. 10:36-37 O '65.

18. Borisenko, K. A., Oshchinskii, M. L. - Examination of the duodenum under conditions of artificial hypotension. Khirurgiya 41 no. 6:88-89 Jo '64.

19. Borisenko, K. A., Oshchinskii, M. L., Borisenko, A. I. - Use of thermistors in the monitoring of duodenal dysmotility. Trudy TSNL MIM 1:123-124 '66.

20. Borisenko, A. M. - Clinical significance of various of ulcer resection in perforation. Khirurgiya 41 no. 6:89-90 Jo '65.

21. Brikman, P. - Combined gastrectomy, splenectomy, and resection of the pancreas for gastric lymphogranulomatosis. Shor. trud. vrach. Pribl. shch. dor. no. 4:113-121 '64.

22. Brikman, A. A. - Surgical treatment of chronic pancreatitis in combination with prolonged external drainage of the radial sphincter. Khirurgiya 41 no. 6:89-90 Jo '65.

23. Brikman, M. L., Zakharova, G. A. - Acute pancreatitis in postoperative period. Klin. khir. no. 10:36-37 O '65.

24. Brikman, G. K. - Indications to cholecystectomy. Klin. khir. no. 10:36-37 O '65.

25. Brikman, A. A. - Role of duodenal surgery and temporary disability in peptic ulcer. Shor. trud. vrach. Pribl. shch. dor. no. 4:113-121 '64.

26. Brikman, V. - Atypical symptoms of cells of gastric cancer according to data of histological cytology. Khir. i zh. zh. khir. no. 11:17-21 '64.

27. Bratslavskii, I. P., Golov, D. M. - Pathogenesis of appendicular origin. Klin. khir. no. 1:144-145 Ja '64.

28. Brice, F., Kravtsov, R., Brikman, V. - Combined functionally-morphological and allometric analysis of the stomach. Klin. i zh. zh. khir. no. 11:10-15 '65.

29. Brikman, A. V., Ushakov, M. M. - Effect of acid and of the Karezda basin on the function of esophageal sphincter of the esophagus in frogs. Trudy Alma-Ala. gos. med. inst. 33:182-189 '64.

30. Chernobayko, M. P. - Spontaneous appearance of an intestinal invagination of 5-month duration. Klin. khir. no. 10:36-37 O '65.

31. Chernobayko, A. A. - A picture of leukocytes in duodenal nonspecific tonsillitis. Trudy OMI no. 50:73-74 '64.

32. Chernobayko, A. A. - Chronic nonspecific tonsillitis and complications following it in children. Trudy OMI no. 50:73-74 '64.

33. Chernobayko, A. A., Tikhonov, M. K. - Tonsillitis and adenotomies in an acute rhinopharyngitis period in children. Trudy OMI no. 50:73-74 '64.

34. Chislova, M. A., Laktionov, N. D., Tikhonov, M. K. - Preoperative secretion of potassium, sodium, and chloride in the plasma of patients with peptic ulcer. Khirurgiya 41 no. 6:89-90 Jo '65.

35. Chislov, L. M. - Primary round-cell sarcoma of the iliocecal region with chronic invagination. Klin. khir. no. 2:144-147 '64.

36. Chislov, M. L. - Functional condition of the pancreas following resection of the stomach. Klin. khir. no. 10:36-37 O '65.

37. Chislov, M. V. - Prevention of acute hemorrhage in esophagogastric and esophagoenteral anastomosis. Klin. khir. no. 2:14-15 F '64.

38. Chislovskii, G. A., Khachatryan, E. A. - The anastomotic complications and prethrombotic states after gastrectomy. Vrach. delo. no. 1:144-145 Ja '65.

39. Dederev, I. M. - Issues of the sigmoid. Klin. khir. no. 10:36-37 O '65.

40. Dederev, I. M. - Surgical techniques in the treatment of acute intestinal obstruction in a state of severe shock. Khirurgiya 41 no. 6:89-90 Jo '65.

41. Denisov, P. M. - Changes of position, form, and functions of the esophagus following lobectomy: X-ray observations. Trudy I-go MIM 30:173-177 '64.

42. Denisov, T. P. - Blood serum proteins following resection of the stomach, excluding or including the duodenum. Trudy Alma-Ala. gos. med. inst. 33:182-189 '64.

43. Denisov, T. P. - State of erythrocytes, the content of iron, copper and vitamin B12 in the blood serum following partial resection of the stomach, excluding or including the duodenum. Trudy Alma-Ala. gos. med. inst. 33:182-189 '64.

44. Denisov, A. G. - Case of cysts of the retroperitoneal cavity. Khirurgiya 41 no. 6:118-120 Jo '65.

24.3 (Continued)

Dudakov, B. M. - Effect of surgery on the biliary ducts on the K and Na electrolyte metabolism. *Klin. khir.*, no. 1:31-34 O '85

Orlovskii, G. I. - Changes in the intestinal neural apparatus in a mechanical intestinal obstruction in elderly persons. *Klin. khir.*, no. 10:75-78 '64

Darda, L. I. - Carcinoid of the vermiform process in a 14-year-old child. *Klin. khir.*, no. 3:64 F '64

Daria, L. I. - Pseudotuberculosis of the stomach, a complication of acute pancreatitis. *Klin. khir.*, no. 10:78-79 O '64

Klavay, M. Y., Usov, D. V. - Analysis of errors in the treatment of surgical diseases of the organs of the abdominal cavity in district hospitals. *Klin. khir.*, no. 10:84-86 '64

Klits, M. A. - Lethality in volvulus and ways of reducing it. *Klin. khir.*, no. 9:64-68 '64

Erzhanova, S. L. - Comparative morphology of experimental brucellosis in guinea pigs under conditions of normal vitamin regimen and in C-hypovitaminosis. *Trudy Alma.-Ata gos. med. inst.*, 33:458-463 '64

Kryukov, K. P., Fainberg, K. A. - Sarcoma of the stomach. *Khirurgiya* 41 no. 8:83-84 Ja '65

Fedchenko, M. M. - Thrombotic in anastomosis and slightly ischemic forms of infectious hepatitis. *Vrach. delo.*, no. 1:124-125 Ja '66

Fedorov, B. P., Vasiliev, A. M. - Some problems of acute appendicitis. *Trudy I-go MIMI* 34:203-211 '64

Fedorov, I. B. - Retrograde investigation of the small intestine in gastrointestinal anastomosis. *Klin. khir.*, no. 10:84 '64

Fofanova, E. I., Khabra, R. I. - Purpura abdominalis and acute abdomen. *Klin. khir.*, no. 10:87-90 '64

Fylovich, A. S. - Adrenal hemorrhages simulating "acute abdomen." *Klin. khir.*, no. 7:72-73 JI '63

Furukawa, E. S., Shukla, B. M. - Radical operations in cancer of Vater's papilla. *Klin. khir.*, no. 2:88 F '64

Gurkina, K. A. - Experience in the use of gastroscopy in diagnosing tumors of the stomach. *Klin. onk.*, no. 3:123-124 '65

Gafman, A. E., and others. - Study of autoimmunological processes in gastric ulcer using the thermoresistance method. Preliminary report. *Trudy TSNIL MGMI* 1180-1183 '64

Gurushvili, A. A. - Topographic anatomy basis on transesophageal biopsy and liver cholangiography. *Klin. khir.*, no. 10:77-78 O '65

Gertschik, V. L., Zhivovskii, A. V. - Combination of directional of the small intestine and esophagus with sclerotherapy of the liver. *Klin. khir.*, no. 3:46-51 F '64

Golev, V. A. - Using lithics in the treatment of burrs and abscesses of the esophagus. *Trudy OMI* no. 60:166-168 '64

Goshchichko, A. G. - Change in the reactivity of the organism in chronic tonsillitis following galvanocautery of the palatine tonsils. *Trudy OMI* no. 60:82-81 '64

Goshchichko, A. G. - Change in the reactivity of the organism in chronic tonsillitis in connection with X-irradiation of the tonsils. *Trudy OMI* no. 60:81-82 '64

Goshchichko, A. G. - Hemorrhages following tonsillectomy. *Trudy OMI* no. 60:118-123 '64

Goshchichko, K. R. - Effect of cocaine and novocaine on tissues of the oral cavity in rabbits. *Trudy Alma.-Ata gos. med. inst.*, 33:467-470 '64

Gorgiev, T. B., Antonov, V. V., Filipova, M. T. - Some data on strychnine toxicity. *Vrach. delo.*, no. 1:131-133 Ja '66

Gordchev, A. F., Shidlovskii, M. A. - Bacteriococcosis of the head of the pancreas stimulating its oncogenic lesion. *Klin. khir.*, no. 10:82 O '65

Gordchevskii, G. L. - Closed lesion of the pancreas complicated by duodenal obstruction. *Klin. khir.*, no. 10:79-80 O '64

Gosnova, F. B. - Atherosclerosis in cirrhosis of the liver. *Azerb. med. shir.*, 46 no. 1:111-114 D '65

Gikashvili, G. E. - A so-called histological focus. *Klin. khir.*, no. 10:84-85 '64

Gikashvili, S. L. - Effect of ACTH and cortisone on the course of pancreonecrosis under experimental conditions. *Klin. khir.*, no. 10:82-84 O '65

Gikashvili, V. I., Kolesnikov, L. S. - Errors in the diagnosis of inflammatory tumors of the small intestine. *Klin. khir.*, no. 7:83-84 '65

Gikashvili, E. L. - Atypical forms of chronic nonspecific tonsillitis in the practice of public health dispensaries. *Trudy OMI* no. 60:107-114 '64

Gikashvili, E. L. - Clinical significance of some symptoms in chronic tonsillitis. *Trudy OMI* no. 60:101-105 '64

Gikashvili, E. L. - More on the classification of chronic nonspecific palatine tonsillitis. *Trudy OMI* no. 60:82-83 '64

Radov, I. I. - Tumors of the vermiform process. *Klin. khir.*, no. 1:83 F '64

Izhev, M. V., Lazare, I. A. - Internal abdominal hernias. *Klin. khir.*, no. 9:76-77 '65

Izhev, G. I., Koshchikov, I. Y. - Early repeated laparotomies. *Klin. khir.*, no. 10:89-93 '64

Izraelova, D. R. - Electrocardiographic studies of intestinal ischemies in infants in connection with use of polyvinyl pyrrolidone. *Azerb. med. shir.*, 46 no. 1:114-117 D '65

Ipatov, S. L. - Motor functions of the extrahepatic and intrahepatic biliary ducts. *Klin. khir.*, no. 9:16-20 O '65

Izraelov, G. A. - Treatment of gastroenterocholeperic lesion. *Khirurgiya* 41 no. 6:111-113 Ja '65

Izraelov, L. - Comparative materials on the activity of gastric proteolytic enzymes in pathologic states of the stomach including gastric cancer. *Klin. i lech. shch. novobraz.*, no. 1:116-117 '65

Kachkov, I. A. - Some data on intrarectal pressure. *Klin. khir.*, no. 10:82-83 '64

Kachkov, A. P., Laishevich, E. V. - Lesions of the spleen in a closed abdominal wound. *Trudy I-go MIMI* 30:273-286 '64

Kachkov, A. P., Laishevich, E. V. - Some cases of abdominal hemorrhages. *Trudy I-go MIMI* 30:286-290 '64

Kachkovskii, B. V., Mikhlin, V. G. - Foreign bodies in the rectum. *Klin. khir.*, no. 9:83-84 F '64

Kalchakov, I. I. - Esophagoplasty in cardiospasm. *Klin. khir.*, no. 9:49-53 '64

Kalchakov, I. I., Neobitovskii, F. P. - Ostrectomy and resection of the cardia in cancer. In the light of late results. *Klin. khir.*, no. 9:43-51 '65

Kalitska, V. D. - Method of arteriophleboscintigraphy in the study of the interorganismal gastric vascularization in peptic ulcer and cancer of the stomach. *Klin. i lech. shch. novobraz.*, no. 11:43-48 '65

Kalitska, V. D. - Pathohistologic changes of the intra-organismal lymphatic system of the stomach in malignant ulcers. *Klin. i lech. shch. novobraz.*, no. 11:40-44 '65

Kalitskii, V. P. - Proteins of the gastric juice in patients with cancer and other diseases of the stomach. *Vop. med. khim.*, 14 no. 8:872-877 N-D '65

Kanorski, I. D. - Acute appendicitis and acute cholecystitis in elderly and senile persons. *Trudy I-go MIMI* 30:234-238 '64

Kanorski, I. D. - Techniques of laparoscopic cholangiography. *Trudy I-go MIMI* 30:241-246 '64

Kashin, M. M. - Surgical treatment of first degree short esophagus: preliminary report. *Klin. khir.*, no. 3:12-15 F '64

Karaman, M. V. - Primary malignant tumors of the gall bladder. *Klin. khir.*, no. 10:82-83 O '65

Karavayev, G. G., Shidlovskii, I. U. - Surgical treatment of infants with congenital pylorostenosis. *Klin. khir.*, no. 10:86-90 '64

Kendzhev, B. I. - Rare cases of association of three acute surgical diseases of abdominal organs. *Klin. khir.*, no. 11:111 N '65

Khabraman, K. I. - Cause of extensive resection of the small intestine in volvulus. *Klin. khir.*, no. 10:76 '64

Khatunov, I. U. - Data of the duodenal contents and general state of patients before and following repeated (reconstructive) gastro surgery including Pyloromyotomy method of duodenal reflux. *Khirurgiya* 41 no. 8:14-16 Ja '65

Kharitonov, L. G., Bogdanov, A. V. - Use of constant catheter in radical operations on the cardia and esophagus. *Klin. khir.*, no. 3:18-19 F '64

Khomichov, I. S., Vlasova, T. P. - Sarcoma of the duodenum. *Klin. khir.*, no. 2:84-89 F '64

Klavay, A. P. - Diagnosis and treatment of acute pancreatitis. *Klin. khir.*, no. 10:43-48 O '65

Klavay, A. V. - Experimental and clinical substantiation of the use of phlegmas drainage irrigators in the treatment of diffuse suppurative peritonitis. *Klin. khir.*, no. 10:42-43 '64

Klavay, A. V. - Functional state of the liver before and following operation in patients with nodular forms of goiter and thyrotoxicosis. *Klin. khir.*, no. 7:52-56 '64

Kletskii, E. E. - Diagnostic significance of uropeptin determination following surgery on the stomach. *Khirurgiya* 41 no. 6:47-53 Ja '65

Klevchenko, G. L. - Treatment of hemorrhoids with Pulexaria dyanthera decoction. *Klin. khir.*, no. 10:83 D '65

Kolodny, G. S., Strel'tsov, V. P. - Chronic fibrous encapsulated peritonitis. *Khirurgiya* 41 no. 6:76-78 Ja '65

Kolodny, K. M., Blinder, M. A., Lebedev, M. M. - Indices of gastric secretion following resection of the stomach for ulcer. *Vrach. delo.*, no. 1:113-114 Ja '66

Koltsheva, S. S. - Case of giant fibroma of the lesser omentum. *Khirurgiya* 41 no. 6:121-123 Ja '65

Koltsheva, S. S. - Case of intestinal obstruction due to ascaridiasis. *Klin. khir.*, no. 10:80 '65

Koltsheva, M. I. - Experience in creating a retrosternal artificial esophagus from the large intestine. *Klin. khir.*, no. 12:2-7 D '65

Koltsheva, M. I. - Some problems of acute intestinal obstruction; clinical material. *Klin. khir.*, no. 9:3-8 '64

Koltsheva, M. I., Kravtsov, G. V. - Our experience in the treatment of cardiospasm. *Klin. khir.*, no. 9:40-43 '64

Konardov, L. M. - Multistage surgery for the reconstruction of the terminal portion of the large intestine. *Khirurgiya* 41 no. 6:121-123 Ja '65

Korotkov, I. A. - Acute intestinal obstruction associated with spontaneous gastrorrhagia. *Klin. khir.*, no. 8:78 '65

Kozlovskii, V. P. - X-ray, radiation, and surgery in cancer of the tongue. *Klin. onk.*, no. 2:187-203 '65

Korotkii, B. G. - Reconstructive operation on the stomach. *Klin. khir.*, no. 3:84-85 F '64

Koshchikov, I. Y., Radov, M. V. - Gastroscopy in some diseases of the stomach. *Klin. khir.*, no. 10:85-90 '64

Kostomarov, V. A. - Radical excision of a large post-traumatic cyst from the pancreas. *Klin. khir.*, no. 10:77-78 O '65

Kotel'skii, A. A. - Anomaly in the development of the esophagus and trachea. *Trudy OMI* no. 60:345-347 '64

Kotova, E. M., Mogilnikov, V. G. - Diagnostic significance of direct hemagglutination reaction in Botkin's disease. *Trudy TSNIL MGMI* 1248-1250 '64

Koval'skii, I. M. - Peritoneoscopy, a supplementary method of diagnosing some diseases of the organs of the abdominal cavity. *Klin. onk.*, no. 3:111-115 '65

Koval'skii, I. V., Khokhlova, V. P. - Case of a complete isolated rupture of the pancreas. *Klin. khir.*, no. 10:87 O '65

Koshchikov, P. M. - Lesions of the pharynx in brucellosis. *Trudy OMI* no. 60:83-88 '64

Koshchikov, P. M. - Toxicogenic intrahepatic complications. *Trudy OMI* no. 60:81-86 '64

Koshchikov, A. I., Komarov, A. S., Sidorov, A. I. - Diagnosis and surgical treatment of gastrojejunocolic and duodocolic fistulas in ulcer and cancer of the stomach. *Khirurgiya* 41 no. 6:3-8 Ja '65

Kosina, A. V., Kozlov, B. I. - Acute perforating ulcers of the gastrointestinal tract in burn diseases. *Khirurgiya* 41 no. 6:50-54 Ja '65

Kryzhanovskii, N. A. - Effect of oxyperthoson on changes of motor function of the small intestine in acute peritonitis. *Klin. khir.*, no. 8:83 Ag '64

Kuperman, V. D., Fomin, V. B. - Isolated polyposis of the small intestine. *Khirurgiya* 41 no. 6:113-114 Ja '65

Kuznetsov, L. N., and others. - Lumbar novocaine block in Pott's triangle. *Klin. khir.*, no. 12:34-37 D '65

Kuznetsov, M. A. and others. - Sensitivity of muscles of an intestine with hypertrophic sympathetic innervation to noradrenaline. *Fiziol. khim. i biokh.*, no. 10:1218-1222 O '65

Landa, B. A. - Hepatogastroscopy. *Sbor. trud. vrach. Pribalt. shkol. dor.*, no. 4:39-43 '64

Landa, B. A. - Some gastrointestinal hemorrhages of non-ulcerous origin. *Sbor. trud. vrach. Pribalt. shkol. dor.*, no. 4:17-21 '65

Landa, I. E. - Giant true nonparasitic cyst of the liver. *Klin. khir.*, no. 10:88 O '65

Lashchikov, V. M. - Protein fractions and C-reactive blood serum protein in acute pancreatitis. *Klin. khir.*, no. 11:77 N '65

Lavrov, I. F. - Case of an intestinal obstruction resulting from strangulation of an internal supravascular hernia. *Klin. khir.*, no. 9:80 S '65

Lobodov, A. P. - Jejunogastric invagination. *Klin. khir.*, no. 8:68-70 S '65

Lobodov, A. P. - Multiple and complex intestinal invaginations. *Klin. khir.*, no. 11:79 N '65

Lebedev, V. A. - Deficit of pantothenic acid in children of an early age during intestinal infections. *Trudy Alma.-Ata gos. med. inst.*, 33:354-357 '65

Lobanov, S. S., Modisova, M. S. - Use of thermistors in the differential diagnosis of aminic hepatitis and Botkin's epidemic hepatitis. *Trudy TSNIL MGMI* 1108-111 '65

Loftov, A. V. - Accessory detached pancreas gland in the wall of the jejunum. *Klin. khir.*, no. 10:86-87 O '65

Lamko, I. N. - Late results of alloplasties for postoperative ventral hernias in X-ray examination. Preliminary report. *Sbor. trud. vrach. Pribalt. shkol. dor.*, no. 4:151-170 '65

Lapavskiy, A. G., Ivakhin, E. I., Larionov, V. I. - Case of a hepatocolic fistula. *Klin. khir.*, no. 10:84-85 O '65

Loporechich, I. U. - Perforation of jejunum by a bone. *Klin. khir.*, no. 3:43 F '64

Lerner, L. P., Babrik, M. V. - Case of early metastasis of gastric cancer into the adrenal glands. *Klin. khir.*, no. 11:80-79 N '65

Levitskii, M. A. - Secretory and excretory function of the stomach following its resection with the use of small intestine in plastic surgery: experimental studies. *Klin. khir.*, no. 7:79 JI '64

Lisachko, M. A., Ponomarev, V. N., Rebgardt, B. K. - Functional state of the liver in rheumatism. *Vrach. delo.*, no. 1:71-73 Ja '66

Lipets, V. I. A. - Portal hypertension in adiposis of the liver and post-traumatic sclerosis of the cellular tissue of the abdominal cavity. *Klin. khir.*, no. 10:73-78 O '65

Lipovskii, V. F. - Acute pancreatitis caused by epidemic parotitis virus. *Klin. khir.*, no. 10:58-61 O '65

Makarovich, A. T. - Lesions of the large intestine by compressed air. *Klin. khir.*, no. 10:40-41 D '65

Makarov, M. R. - Pathomorphological changes in the liver in experimental leptospirosis in white mice. *Trudy GDUV*, no. 4:181-186 '64

Makolova, N. S., Isak, A. P. - Preoperative diagnosis of spontaneous internal biliary fistulas. *Klin. khir.*, no. 10:24-28 O '65

Makolova, N. S. - Experience in the treatment of cancer of the lip under local conditions. *Klin. onk.*, no. 2:184-197 '65

Makolova, N. S. - Extensive resection of the small intestine in intestinal obstruction. *Klin. khir.*, no. 10:78-79 '64

Makolova, M. V. - Gastrointestinal anastomosis in resection of the stomach for polyposis. *Klin. onk.*, no. 2:190-194 '65

Makolova, I. Z. - Fibrographic study of functional changes in the large intestine under the influence of atropine in gastrointestinal cancer. *Azerb. med. shir.*, 46 no. 1:123-128 D '65

Makolova, A. M. - Multiple perforations of the small intestine and the sigmoid, caused by Ascaris. *Klin. khir.*, no. 10:89 '64

Mingidi, M. A. - Ostrectomy in cancer of the stomach. *Klin. khir.*, no. 11:73-78 N '65

Mingidi, M. A. - Results of the use of thiophosphamide in the treatment of gastric cancer. *Klin. onk.*, no. 2:177-180 '65

Mikhailichenko, V. A. - Clinical aspects, diagnosis, and surgical treatment of cancer of the pancreas. *Klin. khir.*, no. 7:128-131 JI '64

Mikhailichenko, A. A. - Diagnosis and treatment of pancreonecrosis. *Klin. khir.*, no. 10:84-88 O '65

Mirzayev, A. P. - Repeated surgery for gastroenterocholeperic lesions. *Khirurgiya* 41 no. 6:103-104 Ja '65

Mikhalev, A. D. - Observation of an extensive resection of the small and large intestine in volvulus due to Meckel's diverticulum. *Klin. khir.*, no. 10:86-87 '64

Moroz, I. M., Mikhlin, A. A. - Use of lavage fabric for the fixation of prolapsed rectum. *Klin. khir.*, no. 3:144-149 F '64

Mikhlin, V. G. - Case of traumatic rupture of the pelvic base with loop prolapse of the small intestine. *Klin. khir.*, no. 9:83 S '65

Muraviev, T. V. - Techniques in peritoneoscopy. *Khirurgiya* 41 no. 6:104-107 Ja '65

61.4 (Continued)

- Kashkin, P. V. - Success of diagnosis and treatment of tumors of the hypophysis. *Klin. khir.*, no. 8:35-36 Ag '64.
- Karavay, K., Martynova, M. V. - Clinical aspects, diagnosis, and treatment of malignant tumors of the thyroid gland. *Klin. i lech. slok. novobraz.*, no. 11:603-113 '63.
- Pylovich, A. S. - Adrenal hemorrhages simulating acute leukemia. *Klin. khir.*, no. 7:73-75 JI '63.
- Orlov, A. S. - Functional state of the adrenal cortex in children before and after surgery. *Klin. khir.*, no. 12:58-59 D '63.
- Gorbatenko, A. L. - Surgical treatment of pheochromocytoma. *Klin. khir.*, no. 7:75-77 JI '63.
- Alkova, S. L., Balde, V. D. - Effect of hexamethonium on the function of the adrenal cortex under clinical and experimental conditions. *Klin. khir.*, no. 7:9-11 JI '63.
- Galkovskiy, T. S., Gorbatenko, V. D. - Chemotherapy of lymphogranulomatosis. *Klin. onk.*, no. 3:121-124 '64.
- Kochov, A. P., Intersvich, M. V. - Lesions of the spleen in a closed abdominal wound. *Trudy I-go MIU* 30: 77-80 '64.
- Kalish, V. D. - Pathohistologic changes of the intra-arterial lymphatic system of the stomach in malignant disease. *Klin. i lech. slok. novobraz.*, no. 11:40-54 '63.
- Konov, M. V., Malukiv, A. S., Alkova, V. S. - Treatment of wounds, thromboembolism, and lymphostases with hypoxis electrophoresis. *Klin. khir.*, no. 11:32-35 '63.
- Kerzman, V. I. - Surgical technique in tumors of the adrenal cortex manifested by the Kessel-Cooking syndrome. *Klin. khir.*, no. 12:12-15 D '63.
- Khoruz, N. P. - Functional state of the liver before and following operation in patients with nodular form of gall and thyrotoxicosis. *Klin. khir.*, no. 7:53-55 '64.
- Kishchenko, V. R., Smolov, L. D., Shapiro, G. A. - Disorders of corticoid metabolism in primary myxedema. *Vop. med. khim.*, 14 no. 8:777-780 M-D '63.
- Kapla, A. S., Kiselev, I. U., Morgunov, G. A. - Adrenalectomy in a disseminated cancer of the breast. *Trudy TBMIL MGMI* 11:21-24 '63.
- Karavay, G. K., Serbriakov, N. G., Tashchev, A. V. - Dissection of the body following intratracheal intubation, and the morphological changes in the thyroid gland. *Med. rad.*, 15 no. 11:50-54 M '63.
- Karava, A. M., Grishpan, A. S. - Pheochromocytoma. *Klin. khir.*, no. 7:73-75 JI '63.
- Kash, R. A., Pines, A. G. - Indications for splenectomy. *Sber. trad. vrash. Prikl. shkol. dor.*, no. 4:87-90 '63.
- Lubov, M. L., Krikov, A. S., Shilov, Sh. - Some data on lymphogranulomatosis. *Trudy Alma.-Ata. gos. med. inst.*, 23:400-403 '63.
- Lamer, I. P., Babrik, M. V. - Case of early metastasis of gastric cancer into the adrenal glands. *Klin. khir.*, no. 11:58-70 M '63.
- Lukhovich, M. M. - Effect of different methods of preparative preparation and anesthesia on the neurohumoral regulation of some functions in patients with thyrotoxicosis. *Klin. khir.*, no. 8:11-15 Ag '64.
- L'vov, G. S. - Complications following splenectomy in portal hypertension. *Klin. khir.*, no. 7:34-35 JI '63.
- Kronak, T. K. - Preoperative preparation and postoperative management of elderly and senile patients with gall. *Klin. khir.*, no. 8:26-27 P '64.
- Khorozskiy, L. M. - Late results in the treatment of de Quervain's thyroiditis. *Trudy Alma.-Ata. gos. med. inst.*, 23:184-184 '63.
- Malaya, V. T. - Parathyroid lymphadenitis. *Klin. khir.*, no. 10:38-39 O '63.
- Muravio, A. A. - Melanocytosis of the accessory spleen. *Klin. khir.*, no. 12:58 D '63.
- Menshchik, M. V. - Cryoprotection of the spleen - surgically, Warthin's disease, and acute leukemia before and after surgical and conservative treatment. *Klin. khir.*, no. 12:32-39 D '63.
- Chin, A. - Excretion of enzymes in patients with breast cancer following hormonal load with diethylstilbestrol and estrone. *Klin. i lech. slok. novobraz.*, no. 11:63-164 '63.
- Chin, A. - Excretion of enzymes in patients with breast cancer following hormonal load with testosterone propionate. *Klin. i lech. slok. novobraz.*, no. 11:75-80 '63.
- Ostrovskiy, V. P. - Disorders of oxygen supply of the organs in patients with gall and thyrotoxicosis before and following surgical treatment, according to the data of blood gases. *Klin. khir.*, no. 8:16-19 Ag '64.
- Polak, S. A. - Effect of cardiac surgery on the system hypophysis - adrenal cortex. *Klin. khir.*, no. 7:12-14 JI '63.
- Pogore, D. - Sex chromatin in benign tumors of the breast. *Klin. i lech. slok. novobraz.*, no. 11:60-72 '63.
- Pogore, D. - Study of sex chromatin in tumors, metastases, and epithelium of the oral mucosa in patients with malignant tumors of the breast. *Klin. i lech. slok. novobraz.*, no. 11:73-77 '63.
- Popelova, M. A., Shklyutskiy, M. R. - Diagnosis of rupture of the ovary. *Klin. khir.*, no. 7:68-70 JI '63.
- Popovskiy, M. V., Potanov, A. L. - Histopathology of neurosecretory elements of neurohypophysis and adrenocorticotrophic function with pathologic "reflex" epilepsy. *Vrach. delo.*, no. 1:63-67 Ja '63.
- Prize, L. - Changes in the hemopoiesis in cancer following chemotherapy depending on the factor of nutrition (protein and vitamins C and B). *Klin. i lech. slok. novobraz.*, no. 11:115-145 '63.
- Prize, L., Baze-Shadkova, Kh. F. - Study of the hematostatic effect of synovium according to the data of blood and bone marrow in healthy experimental animals and those with tumors treated with Thio-TEPA. *Klin. i lech. slok. novobraz.*, no. 11:240-245 '63.
- Pechkarev, M. I. - Surgical treatment of endemic goiter in a rural district hospital. *Klin. khir.*, no. 3:98-99 '64.

- Rosk, A. - Rheumatism and the function of the thyroid gland. *Sber. trad. vrash. Prikl. shkol. dor.*, no. 4:167-170 '63.
- Rosenblat, V. P. - Prognosis in breast cancer depending on the topography of the tumor. *Klin. i lech. slok. novobraz.*, no. 11:54-58 '63.
- Shabunin, P. A. - Acute adrenal insufficiency in surgical interventions following treatment with steroid hormones. *Klin. khir.*, no. 7:71-73 JI '63.
- Sedukova, L. D. - Pheochromocytoma. *Klin. khir.*, no. 7:77-78 JI '63.
- Sergeev, A. V. - Comparative study of the properties and activity of tetrahydrobiopterin hydrogens of the liver and spleen in lentiviruses of viral etiology. *Vop. med. khim.*, 14 no. 8:698-691 M-D '63.
- Shenikova, L. S. - Acute nonspecific mesenteric lymphadenitis in the practice of emergency surgery. *Klin. khir.*, no. 8:10-13 S '63.
- Shevchenko, L. T. - Tumors and clinically tumorlike diseases of the lymph nodes. *Klin. khir.*, no. 7:12-11 JI '64.
- Skripchenko, D. F., Uralin, I. A. - Compound treatment of cancer of the thyroid gland. *Klin. onk.*, no. 2:143-149 '63.
- Slavits, L. G. - Large focus skin disease X-ray therapy of hypophyseal adenomas. *Med. rad.*, 13 no. 11:32-35 M '63.
- Stravov, M. M. - Dependence of reactions of the cardiovascular system upon the method of anesthesia in the surgical removal of cancer metastases from the cervical lymph nodes. *Klin. onk.*, no. 2:204-208 '63.
- Sverdlov, I. U., Savitskiy, K. K., Oblavatskiy, M. G. - Case of maculodermatitis in a child. *Sber. trad. vrash. Prikl. shkol. dor.*, no. 4:123-124 '64.
- Stelzer, A. I., Kolesnikov, R. M. - Supportive overactive lymphohemopoiesis of the marrow of the small intestine. *Klin. khir.*, no. 8:84 S '63.
- Sviridov, M. V., and others. - Use of direct heat therapy in the diagnosis of tuberculous of the peripheral lymph nodes. *Trudy TBMIL MGMI* 11:48-49 '63.
- Tarkhanov, V. M., Kalish, A. P. - X-ray and radiological diagnosis of tumors of the parathyroid glands. *Med. rad.*, 14 no. 11:44-47 M '63.
- Tikhonov, K. S. - Case of traumatic rupture of the spleen and pancreas. *Klin. khir.*, no. 11:50 M '63.
- Khara, L., Kuznetsov, I., Brambberg, V. - Effect of synovium on the picture of peripheral blood clinical observations. *Klin. i lech. slok. novobraz.*, no. 11:13-15 '63.

61.6 Dermatology

- Abakshin, M. G. - Universal favus. *Trudy GIDUV* no. 4: 143-145 '64.
- Alborov, V. K. - Treatment of warts with liquid nitrogen. *Vest. derm. i ven.*, 39 no. 7:79-83 JI '63.
- Antoshev, A. A., Dolgov, A. P., Babov, A. E. - Classification of chemical compounds according to their effect on the skin. *Vest. derm. i ven.*, 39 no. 12:35-38 D '63.
- Aravitskiy, A. M., Chalikova, R. A. - Etiology, pathogenesis, and principles of the treatment of cyclosporinosis. *Trudy GIDUV* no. 4:107-115 '64.
- Baksh, B. P. - Role of the Demodex folliculorum mite in the pathology of the human skin. *Vest. derm. i ven.*, 39 no. 7:32-35 JI '63.
- Baksh, A. P. - Clinical data on mycosis caused by Trichophyton rubrum. *Trudy GIDUV* no. 4:116-119 '64.
- Bellay, M. V. - Clinical aspects and treatment of dermal neoplasms following vaccination against smallpox. *Vest. derm. i ven.*, 39 no. 12:1-24 D '63.
- Bellay, M. V. - Treatment of some diseases with r-globulin. *Trudy TBMIL MGMI* 11:383-388 '64.
- Bislin, Kh. A. - Dermatitis as a result of contact with figs. *Vest. derm. i ven.*, 39 no. 7:79 JI '63.
- Dragan, L. M. - Some cases of pityriasis versicolor. *Vest. derm. i ven.*, 39 no. 12:44-48 D '63.
- Bratov, V. D. - Skin homoplasty in the treatment of deep burns. *Klin. khir.*, no. 7:16-18 JI '63.
- Brdi, M. L., Roda, M. A. - Histological and histological studies of some forms of generalized exfoliative erythroderma. *Vest. derm. i ven.*, 39 no. 7:32-35 JI '63.
- Bukharovich, A. M. - Dermovascular reaction to mite-injection in psoriasis. *Vrach. delo.*, no. 1:144-148 Ja '63.
- Bulvinkov, L. A. - Characteristics of vascular disorders in mycosis of the feet in children. *Trudy GIDUV* no. 4: 119-125 '64.
- Demenkova, M. V. - Histomorphology of vasculitis of dermal and hypodermal localization. *Vest. derm. i ven.*, 39 no. 12:14-11 D '63.
- Demin, A. A., and others. - Some immunological indices in systemic lupus erythematosus. *Trudy TBMIL MGMI* 11:48-154 '63.
- Doroshenko, S. I., Lavrov, V. P. - Histohistochemical studies of some dermatoses in patients under treatment at the Sochi Health Resort. *Vest. derm. i ven.*, 39 no. 7:48-53 JI '63.
- Dobsonogova, U. I. - Carbohydrate metabolism in epidermophytosis complicated by candidiasis. *Trudy Alma.-Ata. gos. med. inst.*, 23:423-423 '63.
- Dobsonogova, U. I. - Characteristics of clinical manifestations of epidermophytosis complicated by candidiasis. *Trudy Alma.-Ata. gos. med. inst.*, 23:423-423 '63.
- Edgard, E. M. - Use of adhesive plaster in the treatment of skin diseases. *Vest. derm. i ven.*, 39 no. 7:73-75 JI '63.
- Fandeev, L. I. - International questionnaire on fives and Russian dermatologists. *Vest. derm. i ven.*, 39 no. 12: 32-34 D '63.
- Galkovskiy, P., Legoslavskiy, J. - Clinical aspects, classification, treatment, and prevention of lupus erythematosus. *Vest. derm. i ven.*, 39 no. 12:31-35 D '63.
- Grashov, V. K. - Comparative study of some physiological symptoms of oralerms dermatophytes. *Trudy GIDUV* no. 4:17-22 '64.

- Grashov, V. K., Stetik, V. N. - Using the Gurepik-Dox culture medium in the characterization of some dermatophytes. *Trudy GIDUV* no. 4: 32-37 '64.
- Gurina, I. G. - Results of compound study of some functions of the skin in elderly and senile persons. *Trudy Alma.-Ata. gos. med. inst.*, 23:423-423 '63.
- Kashkin, P. N. - Ways of further studies in the field of dermatomycosis. *Trudy GIDUV* no. 4:17-22 '64.
- Kasimov, Kh. G. - Plate-like form of parapsoriasis with papules. *Asiatsk. med. shkol.*, 48 no. 12:47-49 D '63.
- Khaimovskiy, G. D. - Acne conglobata; on the history of Russian dermatology. *Vest. derm. i ven.*, 39 no. 12: 58-57 D '63.
- Khramovskiy, V. N. - Treatment of recurring skin cancer. *Klin. khir.*, no. 11:47-50 M '63.
- Khramovskiy, R. Kh. - Methods of dispensary services in dermatological diseases. *Vest. derm. i ven.*, 39 no. 12: 42-45 D '63.
- Konov, A. G. - Organization of the control of fungal diseases in rural areas. *Vest. derm. i ven.*, 39 no. 12: 45-47 D '63.
- Korogod, M. I., Vasil'eva, R. A. - Nodular trichoporosis. *Vest. derm. i ven.*, 39 no. 7:75-78 JI '63.
- Koryun, D. L. - Changes in elastic structures in experimental autografting of the skin. *Trudy Alma.-Ata. gos. med. inst.*, 23:427-428 '63.
- Koryun, D. L., Prichod'ko, L. S. - Radiological studies in experimental autografting of the skin. *Trudy Alma.-Ata. gos. med. inst.*, 23:424-425 '63.
- Krasnoshchikov, N. P. - Cancer of the skin on postoperative scars. *Khirurgiya* 41 no. 6:117-119 Ja '63.
- Krasov, B. I., Gurevich, I. U., Krasnoshchikov, I. S. - Sjogren - Larsson syndrome. *Vest. derm. i ven.*, 39 no. 7:45-70 JI '63.
- Lavshin, V. L., Chalik, M. F. - Determination of the viability of preserved human skin in vitro. *Klin. khir.*, no. 7:37-34 JI '63.
- L'vov, L. A. - Control of Microsporum in the Taimyr A. S. S. R. *Vest. derm. i ven.*, 39 no. 7:85-87 JI '63.
- Milavskiy, A. I. - Dynamics of electric permeability of the skin (Rosenblat's test) in chronic dermatitis under staged treatment. *Vest. derm. i ven.*, 39 no. 12:10-16 D '63.
- Muravio, D. I. - Effect of long-wave X rays on the permeability of the horny layer of the skin in chronic eczema and limited neurodermatitis. *Vrach. delo.*, no. 1: 154-155 Ja '63.
- Muravio, V. A. - Radiography. *Vest. derm. i ven.*, 39 no. 12:73-78 D '63.
- Morikhov, G. M. - Theory of autoantigens and autoantibodies applied to dermatology: a review of the literature. *Vest. derm. i ven.*, 39 no. 7:44-47 JI '63.
- Murman, L. P. - Secretory function of the stomach in chronic dermatoses. *Vest. derm. i ven.*, 39 no. 7:34-39 JI '63.
- Pylovskiy, M. A. - Rivanol in the treatment of lichen planus. *Vest. derm. i ven.*, 39 no. 12:43-44 D '63.
- Potolskiy, I. I. - Clinical aspects and prevention of "milk-maid's nodules" on cattle breeding farms. *Vest. derm. i ven.*, 39 no. 12:18-21 D '63.
- Prekova, M. I. - Allergy tests in candidiasis of the mucous membrane. *Vest. derm. i ven.*, 39 no. 7:34-48 JI '63.
- Proskovskiy, K. S. - Foot mycoses in schoolchildren of rural areas. *Vest. derm. i ven.*, 39 no. 12:42-49 D '63.
- Stetik, V. N. - Cultural and morphological characteristics of dermatophytes of the genus Microsporum. *Trudy GIDUV* no. 4:140-148 '64.
- Stetik, V. N. - Uptake of carbon and nitrogen nutrition of different sources by dermatophytes of the genus Microsporum. *Trudy GIDUV* no. 4:150-153 '64.
- Minkov, G. M., Vever, R. W., Chalikov, A. D. - Amount of transaminase in the blood serum of patients with some dermatoses. *Vest. derm. i ven.*, 39 no. 7: 14-19 JI '63.
- Shishko, M. V. - Skin autografts in trophic ulcers. *Klin. khir.*, no. 11:35-37 M '63.
- Skripkin, I. U. K. - Effect of compound treatment with electrocoagulation and hypodermic neurodermatitis according to electrocoagulation-hypodermic method. *Vest. derm. i ven.*, 39 no. 12:10-10 D '63.
- Skripkin, I. U. K., Konov, B. A., Khaimovskiy, G. D. - Use of protective silicon cream in the treatment of dermatitis. *Vest. derm. i ven.*, 39 no. 7:72-74 JI '63.
- Sonov, B., Khaimovskiy, G. - Dermatitis: how to get protected against it. *Other. trad. vrash. shkol. dor.*, 11 no. 12: 20-21 D '63.
- Stetik, V. N. - Late radiation injuries following radiotherapy of skin cancer. *Klin. onk.*, no. 2:217-220 '63.
- Timokhovskiy, I. U. A. - Mycological diagnosis of chronic mycosis. *Trudy GIDUV* no. 4:159-161 '64.
- Trushchikova, M. K., Erofeev, V. S., Zagorova, M. S. - Possible utilization of attenuated tick-borne encephalitis virus in the production of serum. *Trudy TBMIL MGMI* 11: 230-244 '64.
- Timashova, M. I. - Blood serum autoantibodies in leprosy. *Vest. derm. i ven.*, 39 no. 7:13-20 JI '63.
- Veloshechenko, A. E. - Experience in the treatment of and dispensary services to patients with eczematoid and localized eczema. *Vest. derm. i ven.*, 39 no. 7:53-55 JI '63.
- Zalozny, I. U. G. - Full-thickness free skin grafts in plastic surgery on extensive scalp wounds. *Klin. khir.*, no. 7: 84-88 JI '63.
- Zharkov, M. M., Vinnikov, I. M. - Mycoses in the use of apita plaster in the treatment of neurodermatitis. *Vest. derm. i ven.*, 39 no. 12:46-48 D '63.

61.6 (Continued)

- Kalinichenko, M. I. - Treatment of thermal burns with spermoel ointment under anoxic conditions. *Klin. khir.*, no. 7:78-80 JI '63.
- Koshevnikov, P. V. - Bulgarian National Conference on Dispensary Services for Dermatological and Venereal Diseases. *Vest. derm. i ven.*, 39 no. 7:44-48 JI '63.

616.8(431)—German Democratic Republic
Rakhmanov, V.A., Antonov, A.A., Shcheklov, N.D. - First Congress of Dermatologists of the German Democratic Republic. Vest. derm. i ven. 39 no. 7:86-89 JI '63

616.8(487.2)—Bulgaria
Nortsov, P., Spilov, G. - Dispensary services in dermatological and venereal diseases in Bulgaria. Vest. derm. i ven. 30 no. 12:58-61 D '64

616.8 Urology

- Abramov, I.U. - Use of polymyxin M in urology. Klin. khir. no. 3:41-43 F '64.
Bialik, V.L., Karamanov, Y.M. - Morphological and some histochemical renal changes following postabortal acute renal insufficiency. Vrach. delo. no. 1:55-59 Ja '64.
Belyanin, Y.L. - Distribution of acid nucleopolysaccharides in the medulla layer of white rats under conditions of dry feeding and overfeeding. Biol. eksp. biol. i med. 67 no. 1:51-54 Ja '64.
Erandil, N.B., and others. - Experience in the clinical use of hemodialysis in the treatment of acute renal insufficiency. Khirurgia 41 no. 6:98-103 Ja '63.
Fagin, I.G. - Interrelation between glomerular filtration and effective renal plasma flow in nephroses with glomerular hypertension. Trudy Akad. - Atin. gos. med. inst. 23:146-148 '64.
Fagin, I.G. - Separable concentration index of creatinine in uridifluorescence with hypertension. Trudy Akad. - Atin. gos. med. inst. 23:180-182 '64.
Gagarinov, V.S. - Studies of tension of the aortic cord and trachea. Klin. khir. no. 12:63-64 D '64.
Gordunova, L.G. - Diabetes insipidus in pregnancy. Trudy OMI no. 67:173-175 '64.
Gulov, M.A. - State of the renal buffer systems, and active blood reaction in pyelonephritis. Vrach. delo. no. 1:51-55 Ja '64.
Iakimovskii, O.K. - A so-called hysterical Bess. Klin. khir. no. 10:84-85 '64.
Kinde, I.F. - Chemotherapy in compound treatment of malignant tumors of the testis. Klin. onk. no. 2:234-235 '64.
Kikuleva, V.V. - Respiratory disorders due to insufficiency of the renal function; renal dyspnea. Trudy OMI no. 67:173-175 '64.
Kisileva, S.Z. - Diagnostic significance of ureopain determination following surgery on the stomach. Khirurgia 41 no. 6:147-151 Ja '63.
Korshak, M.L. - Surgical treatment of varicose veins of the spermatic cord. Klin. khir. no. 2:87-88 F '64.
Kotlyarov, E.V. and others. - Quantitative evaluation of functioning parenchyma of the kidneys by means of radioactivity of the entire body. Med. rad. 13 no. 11:61-63 N '64.
Layrov, I.F. - Case of an intestinal obstruction resulting from strangulation of an internal inguinal hernia. Klin. khir. no. 8:88-89 '64.
Logov, A.P., Voronov, G.A., Muzarika, A.L. - Hypernephroid cancer of the kidney with a prolonged benign course. Trudy Akad. - Atin. gos. med. inst. 23:453-456 '64.
Moroz, M.A. - Injury of the ureter in appendectomy. Klin. khir. no. 2:44-47 F '64.
Mukhinov, T. - Benignoma of the testis in an infant. Klin. khir. no. 3:67 F '64.
Mukhinov, O.P. - Formation of renal calculi in bera disease. Klin. khir. no. 7:82-83 JI '63.
Mukhinov, M.G. - Content of nonatherosclerotic fatty acids in the blood serum and adipose tissue in obstructed renal artery electrication. Biol. eksp. biol. i med. 67 no. 1:49-51 Ja '64.
Orlov, V.A., Dotsenko, N.S. - Necrosis of both kidneys. Klin. khir. no. 11:70-71 M '63.
Pashinski, V.G. - Materials on arrested urination. Vrach. delo. 64 no. 10:104-107 Q '64.
Pashinski, D.E. - Blood supply of the kidneys during operative interventions under different types of anesthesia. Klin. khir. no. 8:39-41 Ag '64.
Polistakov, M.P. - Case of a solitary multilocular cyst of the left kidney. Klin. khir. no. 2:58-59 F '64.
Prokhorov, O.V., and others. - Functional capacity of the kidneys in hydronephrosis. Vrach. delo no. 1:47-51 Ja '64.
Rybnitskii, I.M., Rybnitskii, V.F. - Certain precancer diseases of the urinary bladder. Klin. onk. no. 2:178-20 '64.
Rybnitskii, V.F. - Cancer of the female urethra. Klin. onk. no. 2:205-211 '64.
Shtaler, I.U. - Synthesis of proteins, RNA, and phospholipids in the myocardium in compensatory cardiac hypertrophy following preliminary constriction. Biol. eksp. biol. i med. 67 no. 1:23-24 Ja '64.
Shtaler, I.U., and others. - Clinical and histopathological parallels in chronic glomerular and pyelonephritis. Vrach. delo. no. 1:44-47 Ja '64.
Shklov, G.K. - Postoperative changes in the biological function of the liver in rats. Biol. eksp. biol. i med. 67 no. 1:33-34 Ja '64.
Shtrov, V.K. - Control of X-ray diagnosis of urinary fistulas. Trudy OMI no. 67:173-175 '64.
Vashkov, V.I., Vashkov, K.V., Bul'varova, K.I. - A trip to Berlin to the Second Symposium on the Problems of Sterilization. Trudy TSMU no. 18, pt. 1:148-144 '67.
Verkhovskii, A.A., Lusia, A.I. - Stimulation of the testicular function by the increase of directed blood circulation. Klin. khir. no. 10:48-49 O '64.

616.88 Sex life and sterility

Karataeva, V.P. - Case of testicular feminization in male pseudohermaphroditism with the testis in the inguinal canal. Trudy Akad. - Atin. gos. med. inst. 23:274-277 '64.

616.7 Diseases of the locomotor (skeletal) system

- Alkhanov, K.A. - State of industrial microtraumatism and degenerative diseases of the hand and fingers at the Karaima Mining and Ore Dressing Combine. Report No. 2. Trudy Akad. - Atin. gos. med. inst. 23:274-277 '64.
Astrukhovich, I.U. - Alloplasty in defects of the cranial dura mater in open and gunshot fractures of the cranium. Klin. khir. no. 8:58-59 Ag '64.
Beliavskii-Shterns, V.P. - Significance of antitoxic therapy in the treatment of traumatic fractures of the mandible. Klin. khir. no. 7:87-88 JI '64.
Belousov, P.L. - Enzyme therapy in fistulas. Protok. i protok. no. 6:44-45 '63.
Botarskii, V.P. - Diseases of the stump of the hip following use of common or vacuum prostheses. Protok. i protok. no. 6:44-45 '63.
Brachman, V.M., Chernikov, K.O., Kalkman, V.K. - Some changes in the osseous system in workers of the Dzhambul Superphosphate Plant. Trudy Akad. - Atin. gos. med. inst. 23:270-273 '64.
Brotskii, M.K. - Microscopic interpretation of the role of degenerative changes in cervical intervertebral discs in pathological processes of other etiology. Vrach. delo. no. 1:108-113 Ja '64.
Bucichko, O.Sh. - Tietze's disease. Klin. khir. no. 7:80-81 JI '63.
Chernov, K.F., Lavrenko, A.K. - Diagnosis and treatment of radicular cysts of the mandible. Trudy Akad. - Atin. gos. med. inst. 23:301-306 '64.
Dobitskii, O.V., Pavlovskii, V.A. - Myringotomy and the technique of plastic surgery on it. Klin. khir. no. 3:78-79 F '64.
Dorogin, D.A., Shchiba, L.K. - Cystitis transference of the colon. Klin. khir. no. 10:84-85 '64.
Epstein, G.G. - Orthopedic footwear in pes excavatus. Protok. i protok. no. 6:44-45 '63.
Filippov, D.L. - Two cases of osteiditis in bone tuberculosis. Probl. tub. 43 no. 8:40-43 '63.
Gofman, S.F., Shvach, L.D. - Anatomy and biomechanics of a transverse fistula. Protok. i protok. no. 6:44-45 '63.
Gordin-Lavrovich, N.V., Markina, T.V. - Burns with injury to the cranial vault. Klin. khir. no. 7:80-81 JI '63.
Iudina, I.A. - Surgical treatment of tuberculosis of the upper extremity joints. Klin. khir. no. 7:82-83 JI '63.
Kachkov, A.P. - Treatment of traumatic dislocations. Trudy 1-go MIM 30:301-302 '64.
Kishakov, A.P., Rubins, M.P. - Results of primary suture of the wounds of the wrist and fingers. Trudy 1-go MIM 30:301-302 '64.
Kisilev, K.K. - Rare observation of a penetrating wound of the cranium. Klin. khir. no. 8:70-71 Ag '64.
Karataeva, A.D. - Medical expertise of the capacity for work in patients with paronychia. Klin. khir. no. 8:118-119 '64.
Kisilevskii, M.Z. - Skin auto- and homoplasty in deep burns. Klin. khir. no. 8:53-54 '64.
Krylov, I.T. - Some remarks on the treatment of traumatic lesions of articular orbit region. Klin. khir. no. 3:43-47 F '64.
Kovalev, B.L. - Comparative evaluation of the methods of tenotomy for Achilles tendon. Protok. i protok. no. 6:44-45 '63.
Kisilevskii, B.E. - New prospects in the surgical treatment of osteoarthral tuberculosis. Klin. khir. no. 9:30-33 '64.
Kisilevskii, V.M. - Aspiration of a bone heterotransplant under the skin of local X-irradiation. Trudy Akad. - Atin. gos. med. inst. 23:301-302 '64.
Lashkov, N.A., Ponomarev, V.M., Raigorodskii, B.K. - Functional state of the liver in rheumatism. Vrach. delo. no. 1:71-73 Ja '64.
Mikhalev, V.A., Lukich, V.L., Spilov, I.U. - Spirometric control of the action efficiency of procaine as an antidote to muscle relaxants. Klin. khir. no. 9:34-38 '64.
Mukhin, V.G. - Case of traumatic rupture of the pelvic base with loop prolapses of the small intestine. Klin. khir. no. 8:45 '64.
Mukhinov, M.G. - Prosthetic application in paralysis of the stump of the hip and deformation of the other lower extremity. Protok. i protok. no. 6:44-45 '63.
Novichenko, N.P., Korsh, A.A. - Intracranial closed fractures. Klin. khir. no. 8:118-119 '64.
Ogorin, M.A. - M.V. Mikolovskii's priority in the introduction of osteosynthesis with a metal bolt. Klin. khir. no. 3:78-79 F '64.
Opasov, A.S., Bystritskii, M.I. - Prevention of locomotor tuberculosis's contracture in suprapubicoid fractures of the arm. Klin. khir. no. 9:171-73 '64.
Pell's, B.A., Brodskii, M.S. - Surgical treatment of craniosynostosis. Klin. khir. no. 8:48-49 Ag '64.
Popov, V.A. - Decompressive craniotomies in deep burns. Klin. khir. no. 8:47-48 '64.
Potitskova, G.G. - Prosthetic application in combined forms of fistula. Protok. i protok. no. 6:44-45 '63.
Rakhmanov, K.B. - Rare case of curing brachial pseudoarthrosis without autotransplant following multiple ineffective operations. Klin. khir. no. 9:72-74 '64.

- Shchiba, A.L. - Amputation intertrochanteric for osteomyelitis of the hip and pelvis. Khirurgia 41 no. 6:123-123 Ja '63.
Shtal, V.O. - Prosthetic application in paralysis of the lower extremities following injury of the spinal cord. Protok. i protok. no. 6:44-45 '63.
Shchiba, M.M. - Case of osseous radiolucency. Khir. tr. v. 1964, Pribalt. shch. khir. no. 4:47-48 '64.
Shchiba, I.A. - Orthopedic footwear for children with pes valgus in polyarthritis. Protok. i protok. no. 6:44-45 '63.
Shchiba, I.P. - Classification and anatomical-functional substantiation of arthrodosis of the hand joints. Protok. i protok. no. 6:44-45 '63.
Shchiba, K.M. - New method of alleplasty of the hip joint in spondylarthritis ankylosans. Khirurgia 41 no. 6:113-117 Ja '63.
Shchiba, I.A., Shchiba, A.A., Shchiba, V.K. - Some physiological materials and perspectives for development of bloodless prostheses of the hip. Protok. i protok. no. 6:44-45 '63.
Shchiba, M.A. - Rare form of hernia. Klin. khir. no. 8:77-78 H '63.
Spilov, N.G. - Prosthetic application in arthrodosis of the lower extremities. Protok. i protok. no. 6:44-45 '63.
Spilov, N.G. - Training in a discharge-stance apparatus following injury of the muscles of the arm and elbow joints due to poliomyelitis. Protok. i protok. no. 6:44-45 '63.
Shtal, M.V., and others. - Use of thermometers in the study of specific serologic reactions in osteoarthral tuberculosis. Trudy TSMU 1:104-111 '64.
Tager, I.L., Karataeva, A.D., Shchiba, M.M. - Radiological changes following radiotherapy. Med. rad. 13 no. 11:61-63 N '64.
Toskin, K.D. - Hemorrhagic pancreatitis syndrome as a result of osteoarthral tuberculosis. Klin. khir. no. 8:87-88 H '63.
Tshibaev, N.T. - Surgical treatment and application of prostheses in pes excavatus. Protok. i protok. no. 6:44-45 '63.
Tshibaev, I.A. - Transverse osteotomy in lumbar plexus. Klin. khir. no. 9:78-80 H '64.
Verkhovskii, A.A. - So-called spontaneous resorption of the bone. Klin. khir. no. 8:33-34 '64.
Volkov, A.M. - Anomalous in operations on the testis. Klin. khir. no. 9:78 H '64.
Volkov, A.M. - Electromyographic studies of the muscles of the leg and foot under different anesthetic conditions. Protok. i protok. no. 6:44-45 '63.
Zorina, Z.A., Zorina, D.A. - Pathological changes of myoelectric spectrum in rats. Biol. eksp. biol. i med. 67 no. 1:48-50 Ja '64.

616.7(477)—Urology and Gynecology

Nashchukin, I.I., and others. - Results of histological examination of osteoarthral tuberculosis in the District. Probl. tub. 43 no. 8:118-119 '63.

616.8 Neurology. Neuro- and psychopathology

- Dolgov, M.T. - Significance of examination of the transaminase activity in the diagnosis of acute cranioencephalic traumas. Klin. khir. no. 7:77-78 JI '64.
Dorosh, M.R. - Role of the hypothalamus in the mechanism of the action of psychotropic substances in the light of studying psychopathology of the hypothalamic syndrome. Sovrem. psichiatr. i med. no. 1:64-73 '64.
Dorosh, M.R., and others. - Metabolism of hypothalamic amines, and its changes in hypothalamic lesions during the course of psychotropic substances under the effect of psychotropic substances. Sovrem. psichiatr. i med. no. 1:64-73 '64.
Dorosh, M.R., Shchiba, M.L. - Cholinergic activity and the content of acetylcholine in the blood of patients with psychopathological disorders in the hypothalamic syndrome (before and during treatment with psychotropic substances). Sovrem. psichiatr. i med. no. 1:64-73 '64.
Dorosh, M.R. - Consequences of apoplexy, stroke, and stroke-borne encephalitis. Trudy TSMU 1:104-111 '64.
Dorosh, M.R. - Relation between the locomotor period and the total result in stroke-borne encephalitis. Trudy TSMU 1:104-111 '64.
Dorosh, M.R. - Endarteritis obliterans and dissection of lumbar radiculitis. Klin. khir. no. 7:77-78 JI '64.
Dorosh, M.R., Vashkov, I.U. - Study of the psychopathology in gel reaction in stroke-borne encephalitis. Trudy TSMU 1:104-111 '64.
Dorosh, M.R., Lashkov, N.A. - Representation of ordinary regularities in electroencephalographic picture of insulin comas in man. Khir. evol. khir. i med. 3 no. 4:350-353 JI-Ag '64.
Dorosh, M.R., Kishakov, A.P., Lashkov, N.A. - Apparatus for the localization of neoplasms of the testis by means of P-32 during operations. Med. rad. 13 no. 11:61-63 N '64.
Dorosh, M.R., and others. - Late sequelae of the birth of the stroke-borne encephalitis in man. Med. rad. 13 no. 11:61-63 N '64.
Dorosh, M.R. - Changes in the histological picture of a mechanical intestinal obstruction in elderly persons. Klin. khir. no. 3:78-79 F '64.
Kisilev, A.B. - Course of prolonged outages at a early age under the effect of hemostatics on the mechanism of neurohumoral regulation. Biol. eksp. biol. i med. 67 no. 1:20-23 Ja '64.
Kisilev, A.A., Vashkov, K.V., Shchiba, D. - State of disorders of endocrine balance following invasion of cerebral tumors by medullary astrocytoma. Biol. eksp. biol. i med. 67 no. 1:24-25 Ja '64.
Kisilev, A.A., Lashkov, N.A., Shchiba, D. - Postoperative syndrome following a so-called "tight" closed cranioencephalic traumas. Trudy Akad. - Atin. gos. med. inst. 23:318-319 '64.

• (Continued)

617.3 (Continued)

- Rakshova, E.M., Kuznetsova, V.V. - Materials on the study of transposition immunity using the micro-thermoresistance method. *Trudy Tsent. Nauch. Inst. 143-148 '66.*
- Rashkova, G.I., Korotkaya, V.I., Cherepan, M.P. - Methods of studying the pressure of the foot on the foot. *Prost. i protese. no. 6:134-136 '63.*
- Rashkova, G.I. - Experience in changing from artificial to prosthetic appliances. *Prost. i protese. no. 6:169-171 '63.*
- Rashkova, G.I., Cherepan, V.I., Rasvatskaya, T.P. - Orthopedic footwear following amputation of the foot and ankle parts of the foot. *Prost. i protese. no. 6:138-140 '63.*
- Shala, V.G. - Complex prosthetic application in traumatic injuries of the spinal cord. *Prost. i protese. no. 6:140-144 '63.*
- Shala, V.G. - Prosthetic application in paralysis of the lower extremities following injury of the spinal cord. *Prost. i protese. no. 6:144-148 '63.*
- Sapozhnikov, M.I.A. - Prosthetics of the hip with a quadruple knee hinge and a double-base talocrural hinge. *Prost. i protese. no. 6:144-148 '63.*
- Sapozhnikov, M.I.A. - Prosthetics of a bent knee with an active flexure in the knee hinge. *Prost. i protese. no. 6:148-150 '63.*
- Serachova, M.G. - Our experience in the use of free skin grafting with a flap in situ on the stump of the lower extremities. *Prost. i protese. no. 6:154-156 '63.*
- Shchegolev, I.A.D. - Orthopedic footwear for children with pes valgus in polyomyelitis. *Prost. i protese. no. 6:157-159 '63.*
- Shchegolev, I.A.D., Borodina, A.A., Belen'kiy, V.K. - Some physiological materials and prerequisites for the development of bioelectric prosthetics of the hip. *Prost. i protese. no. 6:16-18 '63.*
- Shchegolev, I.A.D. - Prosthetic application following bilateral Sherrill paralysis of the lower extremities. *Prost. i protese. no. 6:158-161 '63.*
- Shchegolev, I.A.D., and others. - Technology of the assembly of wooden prosthetics of the hip. *Prost. i protese. no. 6:161-166 '63.*
- Shchegolev, I.A.D. - Surgical treatment and application of prosthetics in pes excavatus. *Prost. i protese. no. 6:166-170 '63.*
- Vasil'chuk, K.L. - New construction for a well as compensation for a short leg. *Prost. i protese. no. 6:170-173 '63.*
- Vasil'chuk, K.L. - Production of cases from cloth and polyvinyl resin for prosthetic orthopedic appliances. *Prost. i protese. no. 6:173-176 '63.*
- Viktorov, A.M., and others. - Antropometric characteristics of the lower extremities in children regarding the application of prosthetics. *Prost. i protese. no. 6:176-180 '63.*
- Zukh, V.I. - Dimension of allowance in the shaping of the receiving cavity of the prosthetic of the hip. *Prost. i protese. no. 6:180-184 '63.*

617.7 Ophthalmology. Eye diseases

- Abdullayev, M.R. - Characteristics of afferent ganglion. *Azerb. med. zhurn. 48 no. 12:17-22 D '66.*
- Kirillov, A.L. - Effect of new locally anesthetizing preparations on the microcirculation of the conjunctival cavity. *Trudy Akad. Nauk. Azerb. SSR. 23:483-485 '66.*
- Lapina, I.A. - Lacrimal reflexes in ophthalmology of dogs with intact and separated cortex. *Zhurn. evol. biokhim. i fiziol. 4 no. 3:164-164 My-Je '66.*
- Rashkova, G.I., Kirillov, A.L. - Effect of some derivatives of the piperidine series on the cornea in rabbits. *Trudy Akad. Nauk. Azerb. SSR. 23:485-487 '66.*

617.7(74)—Kazakh S.S.R.

- Kashkova, A.R. - State of school furniture, and myopia in schoolchildren of Petropavlovsk. *Trudy Akad. Nauk. Azerb. SSR. 23:488-490 '66.*

617.7(93)—West and North Central Africa

- Ushakov, G.A. - Some characteristics of ophthalmopathology in countries of West Africa. *Trudy Akad. Nauk. Azerb. SSR. 23:494-496 '66.*

618 Gynecology. Obstetrics

- Alkhasova, M.I. - Morphology of the placenta at its presentation and premature detachment. *Trudy OMI no. 57:73-81 '64.*
- Bakshova, K. - Diagnosing the loss of the amniotic fluids with the aid of the crystallization test. *Trudy OMI no. 57:100-108 '64.*
- Balshay, R.L. - Frequency of septicemia in chronic inflammatory processes of the adnexa uteri. *Trudy Akad. Nauk. Azerb. SSR. 23:338-341 '66.*
- Balshay, R.L. - Clinical aspects, diagnosis, and treatment of ovarian hemorrhages. *Trudy OMI no. 57:137-144 '64.*
- Bashy, B.L., Bekdashova, M.D. - Cause of a full-term cervical pregnancy. *Trudy OMI no. 57:127-130 '64.*
- Bashy, B.L., Modatlov, V.S., Bekdashova, L.M. - Postpartum hematomas of the vagina and vulva. *Trudy OMI no. 57:130-134 '64.*
- Bashy, B.L., Bekdashova, G.T. - Spontaneous rupture of the liver in labor. *Trudy OMI no. 57:136-140 '64.*
- Bashy, B.L. - Treatment of gynecological patients with multiple trauma combined with microcirculators. *Azerb. med. zhurn. 48 no. 12:17-22 D '66.*

- Blalik, V.L., Karamanov, V.M. - Morphological and some histochemical renal changes following postabortal some renal insufficiency. *Vrach. zhurn. no. 1:54-59 Ja '66.*
- Chernyshev, G.P. - Effect of intravenous administration of mannitol on a constructive uterine activity following premature loss of the amniotic fluids. *Trudy OMI no. 57:130-135 '64.*
- Devizova, A.S. - Morphology of the placenta in a prolonged pregnancy. *Trudy OMI no. 57:137-141 '64.*
- Drozd, I.U.V., Korotkaya, V.F. - Experience in the treatment of chronic inflammatory diseases of female genital organs with subcutaneous introduction of native plasma. *Trudy Akad. Nauk. Azerb. SSR. 23:338-341 '66.*
- Krasovskiy-Osadaeva, V.S. - Significance of the abortion placenta in an early diagnosis of pregnancy. *Trudy OMI no. 57:147-151 '64.*
- Gillerson, A.B. - Course and guidance of pregnancy and labor following surgery on the heart. *Trudy OMI no. 57:151-157 '64.*
- Gillerson, A.B. - Diagnosis of some gynecological diseases. *Trudy OMI no. 57:158-163 '64.*
- Gillerson, A.B. - From the practice of surgical gynecology: some surgical techniques. *Trudy OMI no. 57:163-164 '64.*
- Gillerson, A.B. - Study of the anatomy, physiology, and pathology of the placenta. *Trudy OMI no. 57:165-171 '64.*
- Gillerson, A.B., and others. - Lethality in gynecological diseases, and ways to reduce it. *Trudy OMI no. 57:171-176 '64.*
- Gillerson, A.B., Balshay, R.L., Dzhuravskaya, P.A. - Obstetric-gynecological traumatism. *Trudy OMI no. 57:177-181 '64.*
- Gorbunova, L.G. - Diabetes mellitus in pregnancy. *Trudy OMI no. 57:182-185 '64.*
- Gorbunova, L.G. - Electrophoretic study of water-soluble proteins of cancerous tumors of the breast. *Klin. onk. no. 3:18-22 '66.*
- Ishov, I.A.A. - Two cases of dermoid cysts of the ovary unobserved before operation. *Klin. zhurn. no. 3:27 '64.*
- Kirillov, A.L., Kryzha, B.T. - Regional chemotherapy in breast cancer. *Trudy Akad. Nauk. Azerb. SSR. 23:342-346 '66.*
- Kosko, M.M. - Analyzing the causes of lethality in generalized sepsis following outpatient abortions. *Trudy OMI no. 57:186-188 '64.*
- Kryzha, B.T. - Use of radiotherapy in the compound treatment of cancer of the breast. *Klin. onk. no. 3:23-25 '66.*
- Kryzha, B.T. - Changes in the genital organs of women working on a superphosphate plant. *Trudy Akad. Nauk. Azerb. SSR. 23:347-351 '66.*
- Kryzha, B.T. - Effect of physical culture on the course of pregnancy and labor. *Trudy Akad. Nauk. Azerb. SSR. 23:352-354 '66.*
- Kryzha, B.T. - Uterine cancer and full-term pregnancy. *Trudy Akad. Nauk. Azerb. SSR. 23:355-357 '66.*
- Kryzha, B.T. - Radiological diagnosis of cancer of the breast. *Klin. onk. no. 3:26-28 '66.*
- Kryzha, B.T. - Cervicovaginal ectropies of premenstrual states of the cervical canal. *Klin. onk. no. 3:29-31 '66.*
- Kryzha, B.T. - Late results of the use of vacuum extractors based on materials of the maternity ward of the hospital of Yibula railroad station during 1959-1963. *Med. zhurn. vresh. Prikl. med. dok. no. 4:178-180 '66.*
- Kryzha, B.T. - Postpartum septic diseases as the cause of mortality in mothers. *Trudy Akad. Nauk. Azerb. SSR. 23:358-361 '66.*
- Kryzha, B.T. - Diagnosis of polyps of the cervix uteri. *Klin. onk. no. 3:31-33 '66.*
- Kryzha, B.T., Balshay, R.L. - Comparative data on the study of the protein composition of blood serum in chronic and cancer of the cervix uteri. *Klin. onk. no. 3:34-36 '66.*
- Melamed, E.L. - Ambulatory examination and treatment of precancerous diseases of external sex organs in women. *Trudy OMI no. 57:189-197 '64.*
- Melamed, E.L. - Effectiveness of some methods of treating keratosis and leukoplakia vulvae. *Trudy OMI no. 57:198-199 '64.*
- Melamed, E.L. - Method and technique of paravaginal diathermal desiccation. *Trudy OMI no. 57:199-201 '64.*
- Melamed, E.L. - Phenomenon of the stable depression of the sexual reflex in paravaginal desiccation. *Trudy OMI no. 57:202-206 '64.*
- Melamed, E.L. - Detection of leukoplakia in the epithelial cells of tumors of the breast: fluorescence analysis. *Klin. onk. no. 3:37-39 '66.*
- Pavlov, A.R., Kostromova, K.M., Titova, V.A. - Intravaginal gamma-irradiation of cancer of the cervix uteri based on the afterloading principle. *Med. rad. 13 no. 11:4-8 '66.*
- Pavlov, A.R. - Sex chromatin in benign tumors of the breast. *Klin. i lech. zhurn. dok. no. 11:50-53 '66.*
- Pavlov, A.R., Kostromova, K.M., Titova, V.A. - Diagnosis of rupture of the ovary. *Klin. zhurn. no. 7:44-46 '66.*
- Protol, M.I. - Intestinal obstruction caused by strangulation of the loop of the small intestine at the aperture of the ligamentous fusion uteri. *Klin. zhurn. no. 10:80 '64.*
- Rosenshteyn, V.P. - Prognosis in breast cancer depending on the topography of the tumor. *Klin. i lech. zhurn. dok. no. 11:54-56 '66.*
- Rosenshteyn, V.P., and others. - Mastopathy as precursor from the histochemical point of view. *Klin. onk. no. 3:40-42 '66.*
- Rybnik, V.Y. - Cancer of the female urethra. *Klin. onk. no. 3:43-45 '66.*

- Sapozhnikov, A.A. - State of the cervix uteri following supravaginal amputation of the myomatous uterus. *Trudy OMI no. 57:206-208 '64.*
- Shchegolev, V.I. - Diagnosis and treatment of cancer of the breast. *Klin. onk. no. 3:46-48 '66.*
- Shchegolev, V.I., Kravtsov, M.I. - Treatment of pruritic dermatoses of female genitalia with corticosteroids and novocaine blocks of the pudendal nerves. *Vest. dermat. ven. 29 no. 7:76-78 '66.*
- Shchegolev, V.I. - Some vascular reactions of the female organism in uterine fibroids. *Report (No. 2) Oncology. Trudy OMI no. 57:247-248 '64.*
- Shchegolev, V.I. - Problems of differential diagnosis of ectopic pregnancy of the ovary and acute appendicitis. *Trudy 1-go MMI 30:113-114 '64.*
- Shchegolev, V.I. - Multifocal external hysterography following premature loss of the amniotic fluids and alarm labor. *Trudy OMI no. 57:249-250 '64.*
- Shchegolev, V.I. - Clinical aspects of the climacteric syndrome. *Trudy OMI no. 57:251-252 '64.*
- Solov'yev, L.A. - Stillbirth and role of consequent morphological changes of the placenta. *Trudy OMI no. 57:253-254 '64.*
- Tolstikhin, P.F. - Prevention and treatment of late toxemia in pregnancy. *Trudy OMI no. 57:255-256 '64.*
- Vasovskiy, A.P. - Course of the placental and early postpartum periods in women with organic lesions of the heart. *Trudy Akad. Nauk. Azerb. SSR. 23:338-341 '66.*
- Viktor, B.K. - Means for the transection of contracting matter from the maternal to the fetal vessels and back experiment on actual organic specimens. *Trudy OMI no. 57:257-258 '64.*
- Zolotarev, L.A. - Structural changes in the fibrous connective tissues of the breast in dyskeratotic hyperplasia and cancer caused by the effect of x-rays. *Klin. onk. no. 3:48-50 '66.*

619 (71.13)—Omsk Province

- Karpova, K.V. - Cancer section according to materials of Maternity House No. 3 of the City of Omsk. *Trudy OMI no. 57:259-261 '64.*

619 Comparative pathology. Veterinary medicine

- [Animal husbandry. Veterinary medicine] *Ref. zhurn. i Khim. Vost. 2 no. 2 '66.*
- Bakshova, G.G. - Arterial blood pressure in dogs in testing food salivary conditioned reflexes. *Soob. AN Gruz. SSR. 61 no. 3:766-768 '66.*
- Kryzha, B.T. - On the 50th birthday of Academician Konstantin Ivanovich Kirillov. *Vest. dermat. ven. 29 no. 11:113-116 '66.*
- Dzharidze, A.I.A. - Age-related topography of two mandibular canals in cows of the "Araozav" breed. *Trudy Vost. zhurn. i Khim. Vost. no. 7:133-136 '67.*
- Mirovskiy, Z.A., Titova, V.A. - Diagnosis of the kidney form of mastitis in cows. *Soob. zhurn. dok. Vologod. gos. univ. no. 3:247-252 '67.*
- Muravskiy, S.P., Kadish, D.V., Titovskiy, A.S. - Origin of the responses of associative cerebral cortex following excitation of cat's vision system. *Soob. AN Gruz. SSR. 61 no. 3:769-770 '66.*
- Shchegolev, V.I. - Motor function of the small intestine in pathological conditions of the respiratory organs. *Trudy Vost. zhurn. i Khim. Vost. no. 7:137-138 '67.*
- Solov'yev, L.A. - Bronchial pneumonia of suckling pigs and its prophylaxis on the farms of the North-West. *Trudy Vost. zhurn. i Khim. Vost. no. 7:139-141 '67.*
- Trofimov, M.P. - Multifocal edema in young pigs. *Trudy Vost. zhurn. i Khim. Vost. no. 7:142-143 '67.*

62 ENGINEERING AND TECHNOLOGY

- Artemov, M.A. - Calculating the pliability of elastic bearings in turbine engines. *Izv. vuzov. mash. i avtom. no. 7:48-54 '66.*
- Awarding bonuses for the new equipment problems which interest our readers. *Soob. zhurn. dok. 13 no. 10:7-14 '66.*
- Bekirov, I.A., and others. - Characteristics of a hydraulic throttle valve. *Vest. mashinost. 48 no. 12:35-43 D '66.*
- Chikiladze, G.B. - Effect of machine part dimensions on contact binding. *Soob. AN Gruz. SSR. 61 no. 3:771-772 '66.*
- Cherka, L.M. - Cyclic defects in the hydrostatic servomotor drive. *Mash. i avtom. 39 no. 7:11-11 '66.*
- Domin, A.A., Titovskiy, A.L. - Dynamics of the coat of labor in present-day capitalism. *Vest. LGU 23 no. 3:44-46 D '66.*
- Lampol'skiy, S., Chirkov, V. - Quantitative analysis of technological progress. *Plann. zhurn. 48 no. 3:11-17 '66.*
- Lokshin, I.A. - Study in the structural mechanics laboratory of the strength and longevity of concrete. *IZV. LGU. Soob. zhurn. dok. 13 no. 10:7-14 '66.*
- Lokshin, I.A., and others. - Methodological work of the department and of the structural mechanics laboratory during the 50 years of Soviet power. *Soob. zhurn. dok. 13 no. 10:7-14 '66.*
- Khasanov, I.I. - The law of durability distribution during fatigue testing of large machine parts. *Vest. mashinost. 48 no. 12:35-43 D '66.*
- Krivoborodov, A.A., Cherepan, M.M. - Theoretical studies of the Department for the past 50 years. *IZV. LGU. Soob. zhurn. dok. 13 no. 10:7-14 '66.*
- Kryzha, B.T. - The nature and criteria for the efficiency of new equipment under socialism. *Neset. dok. vuz. i shkoly ekonom. 11 no. 11:10-16 '66.*
- Lokshin, I.A. - Machine tool modeling of a machine yard servicing by a mobile workshop. *Qcr., stroit. i der. mash. no. 3:11-14 '66.*

62 (Continued)

- Mednikov, A. - A device for setting gaps in a contact breaker. *Aviatsiya*, 46 no.10:31 '68.
- Yaravichikov, E. N., Korotkova, T. M., Ralova, K. L. - Studying the damping properties of multiple-mode frictional vibration dampers. *Izv. vuz. ucheb. zav., mashinostr.* no.7:64-67 '68.
- Yashkov, S. I., Strimov, G. A. - Experimental investigation of loading of machine parts used in the steering system of front-wheel drive motor vehicles. *Izv. vuz. ucheb. zav., mashinostr.* no.8:158-162 '68.
- Second Plenary Session of the Central Administration of the Scientific and Technical Society of the Machine Industry. *Vest. mashinostr.* 48 no.10:11-15 '68.
- Kargat, P. V. - Synthesis of mechanisms with gradually moving cams according to permissible profile wear. *Vest. mashinostr.* 48 no.12:37-38 D '68.
- Stukov, A. D. - Methodology of determining heat inflows in flue gas. *Izv. vuz. ucheb. zav., mashinostr.* no.7:118-122 '68.
- There are up-to-date instruments on the stands. *Mekh. i avtom. prot.* 23 no.5:33-35 '68.
- Turbin, I. I. - Calculating the adjustment of governors in continuous-action batch scales. *Mekh. i avtom. prot.* 23 no.5:13-15 '68.
- Urtsova, A. L. - Scientific and technological progress and developing a rounded personality through labor. *Onashtr. nauki* no.11:124-133 '67.
- Vladovskii, A. P. - Construction principles of multi-functional elements. *Izv. SO AN SSSR* no.3:72-80 F '68.
- 62.01 Research. Use of models, etc.**
- Anteyarov, E. M. - Empirical formulas for calculating the flow of granular materials in low depth progressive motion. *Trudy SSSR, Mor. i Mirov. Okean.* no.20:66-73 '68.
- Bashin, M. - Efficiency of scientific research; problems and solutions. *Voprosy* no.1:158-160 Ja '68.
- 62.01(73)—United States of America**
- Sabatnikov, L. - Economic aspects of developing scientific research work in the U.S.A. *Vop. ekon.* no.1:85-88 Ja '68.
- 62.01 Materials testing**
- Anfimov, V. M., Kravtsov, A. F. - Method for estimating the equivalent measures of defects by ultrasonic testing with direct flow detectors. *Zav. lab.* 24 no.10:1207-1210 '68.
- Berestov, P. I. A. - Dynamic deformations of anisotropic cylindrical springs loaded in the direction of the cylinder axis. *Izv. vuz. ucheb. zav., mashinostr.* no.7:68-73 '68.
- Blizina, M. M., Moroz, A. V. - Timely repair of cracks. *Prikl. tekhn.* no.10:34-37 '68.
- Chirkov, V. F., Shestov, M. G. - Method of concentrated force factors on a thin-walled spherical shell through a bulkhead frame. *Izv. vuz. ucheb. zav., mashinostr.* no.8:101-103 '68.
- Dolynskii, V. M. - Equivalence of solid and perforated plates of two-layer steel. *Khimi. mashinostr.* no.7:14-16 '68.
- Eliseeva, V. V., Chernikov, S. M. - Experimental transmission of a concentrated moment to a spherical shell through a rigid circular flange. *Izv. vuz. ucheb. zav., mashinostr.* no.8:35-38 '68.
- Ershov, V. V. - Stability of a variable thickness cylindrical shell under a local load. *Izv. vuz. ucheb. zav., mashinostr.* no.8:41-43 '68.
- Kravtsov, M. F., Prizantova, M. I. - Morphology of secondary cavitation. *Zav. lab.* 24 no.10:1213 '68.
- Grunykh, A. K., Krug, O. A., Krasovskiy, P. P. - UAD-NUM-61M ultrasonic defectoscope. *Prikl. tekhn.* no.10:16-18 '68.
- Kopov, M. G., Pavlov, N. S. - Performance of defectoscope cars is being improved. *Prikl. tekhn.* no.10:19-22 '68.
- Konchik, I. K., Mitroshin, B. P., Masek, V. I. - Elastic preliminary skin during a proportional variation of compression and shearing forces. *Izv. vuz. ucheb. zav., mashinostr.* no.8:60-63 '68.
- Kotov, A. I., Sukhova, N. A. - Compression of a solid cylinder with fixed ends. *Izv. vuz. ucheb. zav., mashinostr.* no.7:24-31 '68.
- Levi, L. I., and others. - Correlation of indices of bending strength and tensile strength of gray iron. *Vest. mashinostr.* 48 no.12:38-43 D '68.
- Likh, A. A. - Unit for testing radial ball bearings at low temperatures. *Vest. mashinostr.* 48 no.12:53-53 D '68.
- Makizina, V. M., Nysen, Van Khing. - Critical values of certain loads during loss of stability of the plane-shaped beam in the beams. *Izv. vuz. ucheb. zav., mashinostr.* no.8:83-88 '68.
- Matveev, A. D. - Limits of plastic deformation in a cylindrical shell with a variable thickness wall in hydrostatic pressure tension. *Izv. vuz. ucheb. zav., mashinostr.* no.8:102-107 '68.
- Nysen van Khing. - Using an improved power method in studying the stability of a plane shape of a strip flexure. *Izv. vuz. ucheb. zav., mashinostr.* no.7:38-41 '68.
- Pavlov, I. I., Novitskii, D. I. A., Fedorchenko, I. M. - M-1 inertia stand for testing natural friction apparatus. *Vest. mashinostr.* 48 no.12:50-53 D '68.
- Senkevich, O. V., Orlovskaya, A. S., Goldovskaya, M. K. - Use of portable chromatographs in examining underground fires. *Ugol' Ukr.* 13 no.10:43-45 O '68.
- Shcherbov, D. A., and others. - Evaluation of drying-sealing apparatus for granulated sugar. *Khimi. prom.* no.1:13-15 M '68.
- Taranov, P. I. A., Guts, A. G. - Determining the coefficient of rock hardness. *Ugol' Ukr.* 13 no.10:11-13 O '68.
- Tarasenko, L. B., Ushakov, M. V. - Strain-Aging of ORCHOMST steel after a low degree of plastic deformation. *Izv. vuz. ucheb. zav., mashinostr.* no.7:146-151 '68.
- Trofimov, V. V. - Stability of a cylindrical shell under a radial pressure alternating along its length. *Izv. vuz. ucheb. zav., mashinostr.* no.7:43-44 '68.
- Trofimov, V. V. - Stability of a cylindrical shell under exterior pressure varying along its length. *Izv. vuz. ucheb. zav., mashinostr.* no.8:34-43 '68.
- Tshitskii, I. U. K., Gorbachev, F. P., Nikol'skaya, M. M. - Comparative study of methods for iron (III) protection against oxidation in ferrite materials. *Trudy IKRA* no.16:251-264 '68.
- Zaporozhets, I. G. - Well wishes to designers. *Prikl. tekhn.* no.10:18-19 '68.
- 62.10 Reliability, serviceability, quality testing**
- Chislov, A. P., Minzhev, A. M. - Impact strength of austenitic steels at low temperatures. *Metalloved. i tekhn. obr.* no.10:43-47 O '68.
- Lada, R. L., Kuznetsov, A. I., Potashnikov, A. I. - Testing of a tubular grid on a rigid shell-and-tube heat exchanger. *Khimi. prom. Ukr.* no.8:22-25 N-D '68.
- Lisov, V. G., Kravtsov, K. A. - Studying elements made from 12-V glass and constructional glass subject to transverse bending. *Izv. vuz. ucheb. zav., stroi. i arkh.* no.3:48-53 '68.
- Matveev, A. V. - Calculating performance indicators for mechanical repairable instruments. *Opt. i mekh. prom.* no.8:18-19 Ja '68.
- Zhdovskaya, A. L., Yakovleva, M. K. - Devices for the qualitative evaluation of auxiliary articles and parts of textile machinery. *Textil. prom.* 25 no.12:85-89 D '68.
- 62.17 Measurement of mechanical properties. Strength and deformability tests, etc.**
- Aare, J., Rohmeyer, J. - Experimental investigation of prestressed steel beams. *Trudy TPI, Ser. A* no.26:91-92-98 '68.
- Alekseyev, V. P., Gerasimov, V. D., Shukala, O. B. - Use of an explosion pulse to excite the frequency spectrum of structures. *Prikl. mekh.* 4 no.10:113-118 '68.
- Alekseuk, M. M., Radchenko, V. M. - Equipment for testing materials at high temperatures and in vacuum. *Zav. lab.* 24 no.9:121-123 '68.
- Antropov, A. S. - Measurement of the corrugated surface of a curved hollow with a circular torus surface in determining bending loads. *Stroitel. MLTI* no.10:173-187 '67.
- Andreev, V. I., Kambakhidze, D. V. - Methods of testing the strength of bars made of polymers and glass-reinforced plastics. *Mekh. polim.* no.4:750-753 '67.
- Andrianov, I. U. K., Labadov, D. V., Ovsienko, R. M. - Cryostat for the tensile testing of metals at the boiling temperature of liquid helium. *Zav. lab.* 24 no.7:883-884 '68.
- Arbuzov, M. S. - Effect of movement speed on the coefficient of friction between steel and soil. *Trudy BUKHA* 84:173-178 '68.
- Artemov, V. M., Shuklov, A. D. - Brittle coatings for strain determination. *Zav. lab.* 24 no.7:809 '68.
- Asfiaz, M. B., Arslanov, L. A. - Methods of pipe testing for stress rupture strength. *Zav. lab.* 24 no.9:123-125 '68.
- Babakov, A. A., and others. - Mechanical properties of Kh40Kh2 steel at -253°C. *Metalloved. i tekhn. obr.* no.10:48-51 O '68.
- Beav, L. V., Torshakov, M. G. - Stiffness of pivots made of glass reinforced plastics. *Mekh. polim.* (Riga) no.4:188-193 N-O '68.
- Bekikh, O. A., and others. - Significance of the impact toughness testing of welded joints. *Zav. lab.* 24 no.7:871-880 '68.
- Baranovskii, V. P. - Studying the fatigue strength of motorcycle chains. *Izv. vuz. ucheb. zav., mashinostr.* no.8:74-75 '68.
- Betshikova, E. F., Demidova, M. E., Gontar, I. M. - Durability of gear wheels in spinning looms. *Vest. mashinostr.* 48 no.12:34-35 M '68.
- Bogdanov, M. T. - Selecting specimens for the control of mechanical properties of cold-chamber castings. *Trudy LPI* no.2:115-123 '68.
- Bokov, I. I., and others. - Methods of testing for sensitivity to mechanical aging of low-carbon steel. *Zav. lab.* 24 no.7:880-883 '68.
- Bolotin, V. V., Stetsko, M. M. - Local buckling of compressed elements from laminated viscoelastic materials. *Mekh. polim.* (Riga) no.5:115-121 N-O '68.
- Bykov, L. A., and others. - New universal plastometer. *Zav. lab.* 24 no.9:127-129 '68.
- Chepik, M. V., Gerasimovich, B. M. - Automatic device for the impact testing of plastics. *Zav. lab.* 24 no.10:1221-1223 '68.
- Chisikh, A. A. - Method of determining creep indices during relaxation testing. *Zav. lab.* 24 no.9:106-110 '68.
- Drozd, M. S., Sapryzh, V. S., Slavskii, I. U. L. - Increasing the accuracy of the dynamic method of determining the hardness of steel. *Zav. lab.* 24 no.10:1241-1243 '68.
- Dromovskii, B. A., Markovskiy, V. M., Fridman, I. A. - Methods of estimating the critical length of cracks during single tension testing. *Zav. lab.* 24 no.7:884-885 '68.
- Dubinin, V. P. - Equipment for testing for creep and stress rupture strength of high-strength materials in vacuum. *Zav. lab.* 24 no.9:1228-1230 '68.
- Dubnikov, A. G., Gantsev, S. M. - Ultrasonic testing of welding joints of pipe elements in oil-field structures. *Zav. lab.* 24 no.10:1238-1240 D '68.
- Dubagapov, R. G., Babitskiy, V. M. - Properties of piezoelectric vibrators in liquid media. *Acoust. Sci. USSR* 88 O '68.
- Krasovskaya, M. P. - Effect of the size of applied load on the stress rupture strength of heat-resistant steels in the cast state. *Trudy LPI* no.2:104-110 '68.
- Germasheva, A. A., Laitshchik, V. A., Lipovskiy, V. A. - Dependence of the rheological characteristics of high polypropylene on the amount of filling, conditions of loading and temperature. *Mekh. polim.* (Riga) no.4:833-838 N-O '68.
- Gludin, L. A., Starodubov, I. A. D., Chelchinskii, G. S. - Equipment for changing specimens in grips of a bench testing machine during low-temperature tests. *Zav. lab.* 24 no.7:884-885 '68.
- Gutsev, A. P., Fashin, A. M. - Influence of stress on mechanical properties and critical cold brittleness of low carbon steel. *Metalloved. i tekhn. obr.* no.10:34-39 O '68.
- Gutsev, A. P., Selenev, V. D., Shcherbov, I. V. - Determining the cold brittleness threshold in steel by microfractography. *Zav. lab.* 24 no.7:878-879 '68.
- Gutsev, A. V., Molodtsov, G. V. - Microfracture under small loads. *Zav. lab.* 24 no.10:1244-1245 '68.
- Gilshay, V. I. A., Koshorov, V. A., Polinsky, L. M. - Tongs for the mechanical testing in a wide temperature range and in vacuum. *Zav. lab.* 24 no.8:123-125 '68.
- Iygi, K. - Stiffness of elastic-plastic bodies during stress. *Mekh. polim.* (Riga) no.4:847-848 N-O '68.
- Kagan, V. A., Slavovskiy, I. U. - Equipment for testing specimens for low-cycle fatigue during dynamic calculations. *Zav. lab.* 24 no.10:1254-1255 '68.
- Kharitonov, M. P., and others. - High temperature stress gauges on the basis of a low-temperature testing crystalline material. *Zav. lab.* 24 no.7:877-880 '68.
- Khranov, I. I. - The law of durability distribution during fatigue testing of large machine parts. *Vest. mashinostr.* 48 no.12:8-10 M '68.
- Khaila, M. A. - Calculation of relaxation stresses in a ring specimen. *Zav. lab.* 24 no.9:124-125 '68.
- Kiselevskii, V. M. - Equipment for measuring the stress rupture strength of metals under complex stresses and variable temperatures. *Zav. lab.* 24 no.8:124-125 '68.
- Kozlov, I. I. - Effect of initial imperfections on equilibrium states of elastic-plastic plates. *Mekh. polim.* (Riga) no.5:187-198 N-O '68.
- Kofman, A. P., Pashkov, P. O., Laver, A. A. - Mechanical properties of high-strength bimetallic steels. *Metalloved. i tekhn. obr.* no.10:38-41 O '68.
- Korlov, V. S., Miron, R. I. - Unit for studying stress-strain curves from deformed metals. *Zav. lab.* 24 no.9:1144-1145 '68.
- Koslov, M. A., Labadov, D. V. - Mechanical properties of Kh40Kh2 steel at liquid-hydrogen temperatures. *Metalloved. i tekhn. obr.* no.10:41-44 O '68.
- Krasov, M. N., Tshononko, V. A. - Automatic program device with time relay. *Zav. lab.* 24 no.10:1256-1257 '68.
- Lapik, I. U., Bakhtov, N. - Supercritical stage of plastic having lost their stability beyond the elastic limit. *Mekh. polim.* (Riga) no.5:181-186 N-O '68.
- Lapin, G. P., Topolovskiy, I. M. - Evaluating the relaxation resistance of metals by results of creep testing. *Zav. lab.* 24 no.9:1110-1111 '68.
- Likhtman, L. I. A. - Determining the thermoplasticity of steel under cyclic tension with subsequent stress relaxation. *Zav. lab.* 24 no.9:1118-1121 '68.
- Mikheev, L. S., Parns, A. A. - High temperature unit for determining the strength limit of elastic materials under flexure. *Zav. lab.* 24 no.7:886-887 '68.
- Margolis, G. G. - Models of elastoid in testing of the samples from an unidirectional glass-reinforced plastic. *Mekh. polim.* no.4:757-760 '67.
- Maruyama, V. G., Sholkhet, I. A. - Method for searching for time using ferrite oxide transducers. *Acoust. Sci. USSR* 88, no.1:173-78 '68.
- Mishev, A. M., Bogdanov, A. T., Tshononko, R. I. - Single tension test stand. *Uch. zap. MOPI* 17:247-250 '68.
- Mishov, A. M., Bogdanov, A. T., Tshononko, R. I. - Analysis of the method of isometric models in the study of stresses in compressing rods. *Uch. zap. MOPI* 17:250-253 '68.
- Minin, O. V., Stolarov, A. S., Platonov, V. M. - Device for registering the amount of destruction of samples in testing their heat resistance. *Izv. vuz. ucheb. zav., tekhn.* no.11:106-109 '68.
- Molodtsov, M. L., Trushchinskii, V. P. - Equipment for testing disks for heat resistance. *Zav. lab.* 24 no.10:1258-1259 '68.
- Moskov, L. M., Motakia, I. A. - Determination of stresses on circular steel supports by penetration method. *Khimi. stroi.* 13 no.12:16-17 D '68.
- Muravchikov, M. N., Bogdanov, B. A. - Strength of the section joints of St. 3 steel, arc-spot welded in carbon dioxide. *Stroitel. MLTI* no.11:1-3 Ag '68.
- Muravskii, I. V., Baginskiy, V. I. - Estimating cold brittleness by the aspect of the fracture. *Zav. lab.* 24 no.7:884-870 '68.
- Nikol'skii, M. I. U. - Tension measurement with differing temperatures of the sensing element and the surface of the specimen. *Zav. lab.* 24 no.7:877-880 '68.
- Ovchinnik, V. V. - Methods of determining stress relaxation characteristics under complex stresses. *Zav. lab.* 24 no.9:1111-1113 '68.
- Ovchinnikov, B. M., Demidov, M. M. - Using an electronic "Zemli-3" for temperature regulation in mechanical testing. *Zav. lab.* 24 no.9:1232-1233 '68.

628.17 (Continued)

- Pariksenko, V.D., Gurev, S.M., Goshenko, L.A. - Temperature measurement by the strain gauge method. *Trudy LPI* no. 300 73-80 '88.
- Popov, G.A. - Study of the degree and character of wear in tractor engine parts. *Trudy BSKHA* 54:181-271 '88.
- Rugach, N.P. - Basic statistical characteristics and surface wear distribution curves of fitting openings in the body of the DT-54A tractor gear change box, undergoing major overhaul. *Trudy BSKHA* 54:284-300 '88.
- Rumchikov, A.V. - Electromagnetic hardness gauge based on pulse magnetization. *Zav. lab.* 33 no. 6: 218 '88.
- Rugach, N.P. - Apparatus for thermomechanical tests of polymers. *Mekh. polim. (Riga)* no. 5:840-843 5-0 '88.
- Savitskiy, V.I., Skifov, M.A. - Effect of the rate of deformation and alloying on the modification of iron to brittle destruction. *Trudy BSKHA* 54:280-283 '88.
- Shchegolev, I.U., and others. - Properties of 3Kh13L steel with martensitic structure. *Metallurg. i term. obr. met.* no. 10:73-74 0 '88.
- Shcher, V.L. - Methods of investigating energy dissipation in metals under repeated impact loading. *Zav. lab.* 34 no. 10:1217-1239 '88.
- Solovov, K.I. - Hydraulic device for loading machine parts and assemblies in fatigue testing. *Zav. lab.* 34 no. 10:1253-1255 '88.
- Solovov, K.I., Fridman, I.B. - Analysis of cracks and of the structure of fractures in glass. *Zav. lab.* 34 no. 10:1249-1253 '88.
- Solovov, K.I., Tyrtsov, V.P., Malozemov, P.V. - Effect of oriented stretching on the deformational properties of polymers. *Lith. proc.* 9 no. 5:17-18 5-0 '88.
- Tarashev, A.M., Bartsev, G.M. - Apparatus for studying the temperature-time dependence of the adhesion of polymers to solids. *Mekh. polim.* no. 4 708-707 '87.
- Tchachin, I.M. - Machine for the testing of epoxy compounds for abrasive wear. *Zav. lab.* 33 no. 7 630 '88.
- Tots, V.V. - Methodology of estimating the deformation degree arising during automatic bending, under flux, of separate worm sections of simple cylindrical parts. *Trudy BSKHA* 54:249-258 '88.
- Troshchinskaya, M.B., Morozov, V.U., Kabanikh, I.U.M. - Effect of elevated temperatures on the strength of hardened resins and materials based on them. Part 1 Effect of elevated temperatures on the strength of glass (epoxyresin). *Mekh. polim. (Riga)* no. 5 833-838 5-0 '88.
- Tylenov, G.G., Andriash, L.V. - New plastometer for determining the resistance to deformation in metals. *Zav. lab.* 33 no. 9:1134-1137 '88.
- Tylenov, G.G., Glikman, L.A. - Effect of residual stresses on metal hardness. *Zav. lab.* 34 no. 10:1238-1242 '88.
- Vashchuk, V.F., Pionkov, A.M. - Controlling the steam curing cycle for reinforced concrete elements by using ultrasound. *Energ. stroi.* no. 12:61-64 '88.
- Vasov, V.P. - Resistance of tubes made of hard polyvinyl chloride to variable internal pressure. *Mekh. polim.* no. 4:747-749 '87.
- Zakharov, D.A. - Layout and cleaning of ampoule containers. *Mont. i spets. rab. v stroi.* 23 no. 10:14-25 0 '88.
- Zakharov, D.A., Novikov, A.G. - Equipment for the study of creep, stress relaxation and dynamic properties of polymers. *Zav. lab.* 34 no. 10:1268-1282 '88.
- 628.18 Investigation of structure. Metallography. Equivalent study of nonmetals.
- Belashchik, L.A., Brann, M.P. - Investigating the structure, phase constitution and properties of cast PZn and PZnAl steels. *Trudy LPI* no. 300 185-72 '88.
- Bernikova, M.L., Kozlov, O.M. - Recrystallization of amorphous and nickel steels at high-temperature thermomechanical treatment. *Metallurg. i term. obr. met.* no. 10:68-70 0 '88.
- Bolshakov, B.S., and others. - Use of the Moebius effect in studying the conditions of iron atoms along the grain boundaries of steel. *Fiz. tver. tela* 10 no. 13 2683-2701 D '88.
- Girina, M.V., Pukov, V.A., Rapskii, B.M. - Improved adapter for microscopes. *Zav. lab.* 33 no. 9:1155-1160 '88.
- Grisberg, N.M., Balter, M.A. - Individual properties of oxides in hardenable steels. *Metallurg. i term. obr. met.* no. 10:68-70 0 '88.
- Idie, A.L., Golod, V.M. - Effect of ultrasonic waves on the structure of alloys high in addition elements. *Trudy LPI* no. 298:123-130 '88.
- Kelarev, V.V., Zubanov, V.M. - Automating the taking of X-rays from points on the UR5 501 diffractometer. *Zav. lab.* 33 no. 7:884-888 '88.
- Korotkiy, I.V., Anisimov, A.A. - Characterization of structure formation in vacuum-treated cast iron. *Trudy Inst. met.* no. 16:71-78 '87.
- Lobodov, K.P., and others. - Research and investigation of cast heat-resistant steel PZn for working temperatures of up to 650-750°C. *Trudy LPI* no. 304:45-50 '88.
- Lobodov, K.P., Krmolova, N.P., Okov, S.M. - Research and investigation of cast austenitic heat-resistant steels with various hardening elements. *Trudy LPI* no. 295:38-44 '88.
- Melik, I.U.B. - Low-temperature method for obtaining porosity curves of porous bodies. *Koll. zhur.* 39 no. 8: 665-668 N-D '88.
- Nasimov, A.M., Ptashnik, V.B. - Self-diffusion of lithium in lithium fluoride single crystals. *Fiz. tver. tela* 10 no. 13:2710-2718 D '88.

- Nekrasov, I.U.A. - Pa (Hess)-shch, Khorooshailov, V.G. - Investigating the heat-resistant brand M15V3BFR alloy. *Trudy LPI* no. 300 73-80 '88.
- Zakharov, D.A., Kozlov, I.U.I. - Recrystallization diagram of low-diffusivity chromium-nickel heat-resistant steel. *Metallurg. i term. obr. met.* no. 10 58-59 0 '88.
- Kozlov, I.U.I., Kuznetsov, V.P., Makarynsk, P.O. - Studying the microstructure of Al-Cu-Ni alloys. *Vysok. Kyiv, an. Ser. fiz. i khim.* no. 8:10-11 '88.

628.19 Defects and deterioration in materials. Corrosion and erosion

- Abramova, L.V., Podobayev, M.L., Balashov, S.A. - Effect of oxygen on the protective action of acid corrosion inhibitors in a hydrofluoric acid flow. *Toploenergetika* 18 no. 12:44-47 D '88.
- Almashev, A.S. - Abstract of new technical solutions of acid corrosion and work of experimental plants. *Khim. tekhn.* no. 8:73-75 '87.
- Almashev, A.S., and others. - Some organic compounds as corrosion inhibitors. *Khim. tekhn.* no. 8:74-75 '87.
- Almashev, A.S. - Anodic groundings with plant-manufactured electrodes should be more widely used. *Stroitel. stroi.* 11 no. 5 37 14 '88.
- Almashev, A.S., and others. - Effect of blast furnace-smelted cast iron on radiator air-tightness. *Trudy Inst. met.* no. 16:80-85 '87.
- Andriash, L.V., Davydov, L.S., Zhavoronkov, A.A. - Analyzing the resistance to frost of the concrete in reinforced-concrete elements made according to the longitudinal-horizontol vibration method. *Energ. stroi.* no. 11:71-79 '88.
- Blyk, V.I.A. - Methods of simultaneous determination of linear shrinkage and critical temperatures of cast alloys. *Trudy LPI* no. 300:143-154 '88.
- Chen, M.G. - Nature of action of multicomponent inhibitor of metal corrosion. *Izv. vuz. tekhn. sav. i khim. i khim. tekhn.* 11 no. 11:1242-1245 '88.
- Chikaleko, S. - Corrosion protection of concrete and reinforced-concrete structures. *Prom. stroi. i inzh. stroi.* 10 no. 4:35-38 31-Ag '88.
- Garber, I.U.I., Brat, T.V. - Using the PZn-13 resin bedding layer for joints with acid hardeners. *Mont. i spets. rab. v stroi.* 23 no. 10:26-27 0 '88.
- Gorodkov, A.A., Lyssenko, A.P. - Electrochemical removal of scale and mud from coatings. *Lit. stroi.* no. 3:8-10 Mr '88.
- Gorodkov, A.P., Kuznetsov, V.V. - Application of Tafel constants for studying the effect of polarity of substituents in molecules of some anionic acids on hydrogen depolarization reaction in acid corrosion of iron and steel. *Izv. vuz. tekhn. sav. i khim. i khim. tekhn.* 11 no. 11:1237-1241 '88.
- Grover, M.S. - Removing defects of steel castings with gas and oxygen flames. *Lit. stroi.* no. 3:44-45 Mr '88.
- Karlovskiy, I.S., Polakov, E., Mikhovskiy, A.I. - Corrosion of trisulfides and β -disulfides sulfates by magnesium. *Ush. khim. zhur.* 10 no. 4:3-8 '88.
- Karpetskiy, A.A. - Concerning the theory of shallow surface states. *Fiz. tver. tela* 10 no. 13:2618-2618 D '88.
- Kidrov, V.A., Korotkiy, B.I.A. - Nickel corrosion in sulfuric acid solutions. *Izv. vuz. tekhn. sav. i khim. i khim. tekhn.* 11 no. 11:1237-1240 '88.
- Kraschikov, V.P. - Protecting supports on an overhead contact network against electrocorrosion. *Trudy RDEMT* no. 7:104-107 '87.
- Kraschikov, V.A., Gordon, G.I. - Preventing the formation of aluminum oxide scales in aluminum bromides. *Lit. stroi.* no. 3:18-19 Mr '88.
- Kochetkov, V., Melnik, A. - Filings and failures of stabilized polypropylene. *Mekh. polim.* no. 4:713-715 '87.
- Lobodov, K.P., and others. - Increasing the corrosion resistance of work separators. *Mont. i spets. rab. v stroi.* 23 no. 10:11-21 0 '88.
- Martov, I.U.M., Mironov, I.U.I., Mikhovskiy, M.K. - Anticorrosive coating of electrostatic precipitators. *Toploenerg.* 34 no. 12:3 N-D '88.
- Mikhovskiy, I.A., Zakharov, S.D., Kuznetsov, M.G. - Studying the effectiveness of corrosion inhibitors in systems of hydrocarbons and water condensates in various fields of Krasnodar Territory. *Izv. vuz. tekhn. sav. i khim. i khim. tekhn.* 11 no. 11:1237-1240 '88.
- Mikhovskiy, O.M., Shapiro, M.B., Mironov, I.U.I. - Effect of plastic stretch-information of the corrosion resistance of Kh18M9Ti austenitic-martensitic steel. *Khim. prom. Ukr.* no. 8:19-22 N-D '88.
- Mikhovskiy, I.U.A., Ivanov, V.T. - Investigating the conditions of modeling the formation of shrinkage cavities in coatings. *Trudy LPI* no. 298:138-145 '88.
- Novikova, S.A., Vasova, R.S. - Methodology for the study of synthetic fiber structure at deformation. *Khim. volok.* 10 no. 8:63-64 '88.
- Petrashenko, A.M. - Nature of shrinkage cavities in coatings. *Lit. stroi.* no. 3:7-8 Mr '88.
- Ridov, I.U.S. - Using protective additives for the corrosion control of diesel blocks and bushings. *Stroitel. stroi.* 11 no. 11:11-116 '88.
- Rozov, M.D. - Third international congress on the corrosion of metals. *Stroitel. stroi.* 11 no. 8:27-38 Ag '88.
- Sefronchik, V.I. - Use of epoxy resin compounds in corrosion protection of heat pipes. *Toploenergetika* 18 no. 12:181-185 D '88.
- Savitskiy, A.T., Popov, S.G., Kabanikh, A.V. - Mechanism of single fiber breaking during the formation of viscous cord. *Khim. volok.* 10 no. 8 26-27 '88.
- Shapiro, M.B. - Corrosion cracking of steel: a topic for discussion. *Khim. i nef. mashinostr.* no. 2:23-24 0 '88.

- Shchegolev, B.S., Zavarukova, E.P., Iosadskiy, O.K. - Corrosion of metals in media containing hydrogen sulfide. *Ush. khim. zhur.* 10 no. 8:56-61 '88.
- Shchegolev, B.S., and others. - Increasing the resistance to cracking of medium-carbon and low-alloy steels. *Lit. stroi.* no. 9:41 8 '88.
- Shchegolev, B.S., and others. - Eliminating manual operations in the application of bitumen coating. *Stroitel. stroi.* 11 no. 8 24-25 My '88.
- Svyazkiy, L., and others. - Heat-resistant coatings for steel. *Rad. mat. i konstr.* 18 no. 2:7-8 Mr-Apr '88.
- Takhtelidze, I.D., Krivokhizskiy, Z.V. - Preparation of anticorrosion films from acid tars bitumens. *Stroitel. stroi.* 11 no. 3 807-811 8 '88.
- Talimov, E., Torpan, B. - Development of the construction of probe for studying the high temperature corrosion of iron. *Trudy TPI Ser. A* no. 543-57-104 '88.
- Tikhonov, A.I., Kuznetsov, V.S., Melnikov, M.S. - Fast potentiostatic method for determining the tendency of OKh2318M3DST steel toward intercrystalline corrosion. *Zav. lab.* 34 no. 10:1241-1247 '88.
- Vasov, V.P., Podobayev, M.L. - Methods for corrosion testing and electrochemical measurement at high temperatures and pressures. *Zav. lab.* 34 no. 10:1213-1213 '88.
- Vidova, I.U.A., Korobitskaya, I.E. - Standardization electrophoresis methods in England. *Stand. i tech.* 32 no. 11:69-98 N '88.
- Vasov, V.P. - Comparison of certain methods for determining the corrosive activity of soils. *Izv. vuz. tekhn. sav. i khim. i khim. tekhn.* 11 no. 10:11-14 '88.
- Vinogradov, G.G. - Planning the facilities of electrochemical protection taking thoroughly into account local conditions for the operation of pipelines. *Stroitel. stroi.* 11 no. 11:8-19 Ja '88.
- Vol'berg, I.U.L., and others. - Estimating the effect of atmospheric corrosion on the tendency of steel toward brittle failure. *Zav. lab.* 33 no. 7:673-677 '88.
- Zakharov, D.A., Churakov, S.M., Rapoport, L.B. - Synthesis of sulfonating additives on the basis of pentachlorophenol. *Metallurg. i term. obr. met.* no. 10:68-70 '88.
- Zakharov, D.A., Kabanikh, I.U.M. - Effect of magnesium on the detectability of surface defects in testing by the method of eddy currents. *Zav. lab.* 33 no. 9:1008-1011 '88.
- Zakharov, D.A. - Method for predicting aging of coatings of underground metal pipelines. *Stroitel. stroi.* 11 no. 8:14-15 Ag '88.

628.19(474.5)—Estimates 8, 8, 8

- Tsaro, E., Mirda, E. - Corrosion of hot water pipes in the residential buildings of Tallin. *Trudy TPI Ser. A* no. 523:17-24 '88.
- Tsaro, E., Mirda, E. - Measures on reducing the corrosion of hot water pipes in the residential buildings of Tallin. *Trudy TPI Ser. A* no. 523:23-33 '88.

628.4 Power stations

- Oskobist, D.P. and others. - Threshold power of the turbines of power systems. *Toploenergetika* 18 no. 13: 63-68 D '88.
- Isoov, V. - Profitability of the enterprise and the profitability of production. *Fiz. stroi.* 43 no. 12:50-54 D '88.
- Isvroshchik, K.D. - Seventh Congress of the World Power Conference (survey of the operation of the sections of thermal and atomic power plants). *Toploenergetika* 15 no. 12:64-67 D '88.
- Mironov, P.K., Borkovskiy, E.E. - Methods of reducing manual labor in construction of power installations. *Mekh. stroi.* 33 no. 3:5-6 Mr '88.
- Berdnikov, M.P. - Day of the power-engineering worker. *Energ. stroi.* no. 12:3-4 '88.

628.9 General economic of energy

- Fel'd, S.B., Skripka, V. - Improving the fuel power balance. *Plan. khoz.* 44 no. 3:68-71 P '88.

621 Mechanical and electrical engineering. Machinery

- Ivanov, D.P. - Tasks of the scientific and technical progress in machinery construction. *Vest. mashinostr.* 48 no. 12:3-4 D '88.
- Karmalitskiy, I.U.I. - Calculating pipeline dimensions in the hydraulic systems of machines. *Vest. mashinostr.* 48 no. 12:43-45 D '88.
- Komisarov, A.F., Kabanikh, A.P., Mikhovskiy, E.A. - Breaking mode of a hydraulic servomechanism taking into account the elastic hysteresis between the load and the hydraulic motor. *Vest. mashinostr.* 48 no. 12:43-44 D '88.
- Koshchik, A.A. - Basic problems in improving prices for machinery industry products. *Vest. mashinostr.* 48 no. 12 73-78 D '88.
- Kraschikov, B. - Interbranch use in the tractor manufacturing industry. *Plan. khoz.* 44 no. 3:80-80 P '88.
- Melikov, M.M., and others. - Some problems in utilizing fixed assets and production capacities of the enterprises of the oil-field machinery industry. *Za tekhn. prog.* 8 no. 12:43-44 D '88.
- Mikhovskiy, B. - Improving the wage schedule for machinery industry workers. *Stroitel. stroi.* 13 no. 10: 43-48 0 '88.
- Mikhovskiy, V.M., Mikhovskiy, V.F., Royev, L.A. - Efficiency in operations of enterprises under new economic conditions. *Mekh. i avtom. stroi.* 23 no. 5:38-41 '88.

621 (Continued)
Osipov, P. A. (1964-1965) *Stroitel'stvo*, 11 no. 4:19-20 '65.
Rozanov, L. I. - Forecasting cost dynamics as an estimate of price base. *Vest. mashinost.* 48 no. 13:70-73 D '64.
Sviridov, V. A. - Some aspects of plunger theory. *Stroitel'stvo*, 11 no. 13:109-112 '67.
Kabanovskii, V. - Servicing and repairing machinery in field operations. *Na stroitel'stvo*, 6 no. 12:28-29 D '67.

621(471, 513)—Leningrad City
Gal'perin, V. - Business accounting books are determined by production characteristics. *Sots.trud* 13 no. 10:24-30 O '65.
Kazuyev, V. - Give every working minute to the production. *Sots.trud* 13 no. 12:124-129 D '65.

Bogdanov, G. - Balance sheet-under method of planning for labor productivity. *Plan. khoz.* 44 no. 3:178-81 P '65.

621(471, 54)—Overslovsk Province
Makarov, G. - The Urals trade mark. *Otkr. trade i sots. stroit.* 11 no. 12:113 D '65.

621(471, 61)—Rostov Province
Mazuk, O. - Youth had crossed the threshold of the plant. *Nov. promyshlenn.* 14 no. 11:25-27 N '65.

621(477)—Ukraine S. R.
Berezovskii, E. - Efficient organization of structure and its graphic presentation. *Sots.trud* 13 no. 12:75-80 D '65.
Kurobov, G. - Current problems of workshop management. *Sots.trud* 13 no. 12:81-83 D '65.
Oboznenko, G. - Some problems of using women's work in industry. *Nauch. dokl. vuz. stiboln. ekon. nauk* 11 no. 12:44-45 '65.

621(471, 6)—Soviet Far East
Introduced to the Far East. *Otkr. trade i sots. stroit.* 11 no. 12:118-17 D '65.

621.00 Machinery design
Krylov, D. G. - Scientific and technical progress in industry and changes in the work content of machine-tool operators. *Uch. zap. MGPI* 117:1-23 '65.
Stravinskii, A. S. - Designing phase diagrams of minimum mass with one degree of freedom in case of static load. *Trudy AN L.S. SSSR, Ser. B* no. 2:121-127 '64.

621.002 Fixed and moving parts
Solov'ev, S. N. - Increasing the contact strength of parts by the application of multiple processes. *Stroitel'stvo*, 11 no. 1:117-126 '65.
Tukarev, K. R., Glodina, K. S., Markov, V. M. - Efficient methods for designing spiral coils in multi-head machine tools. *Plan. khoz.* 39 no. 7:1-3 D '65.

621.005 Operation control and regulation
Deviatkov, V. V., Ali-zade, P. P. - Realization of finite automata using two binary shift registers. *Za tekhn. prog.* 8 no. 12:7-8 D '65.
Kiselev, A. S. - Experience in fully packed assembly of process control and automation systems. *Mosk. i spets. rob. v stroit.* 28 no. 12:1-3 N '65.

621.006(477)—Ukraine S. R.
Kotov, L. - Servicing workers for the adjustment experience of Kharkov tractor industry workers. *Sots.trud* 13 no. 12:122-124 D '65.

621.007 Servicing, maintenance, assembly, protection and safety devices
Lestachov, K. Y. - Using the packages of the K-163 excavator and the KDM-44 motor for the repair of hydraulic cylinders of T-100 and T-100M pipelaying machines. *Stroitel'stvo*, 11 no. 1:138-40 '65.
Boltov, P. - Koshchuk, V. - The "Belarus" tractor as they expect it in the village. *Otkr. trade i sots. stroit.* 11 no. 12:118-119 D '65.

Karavachev, V., Pogrebniak, I. U. - Controlling the repair service: practice and suggestions. *Sots.trud* 13 no. 10:43-71 O '65.

Minaev, A. M., Boykov, A. T. - Methods of estimating numerical values of damping coefficients. *Uch. zap. MGPI* 117:23-25 '65.
Pavlov, M. A., Khrushchov, V. L. - Elastic bearings for stuffing-box seals of high-pressure fittings. *Khim. i nef. mashinost.* no. 12:44-45 O '65.

621.008 Machinery, plant or apparatus according to motive force or power
Babitskii, V. I. - Calculation of time delay relays with RC circuit connection. *Stroitel'stvo*, 11 no. 1:101-104 '65.

621.01 Mechanical engineering theory and principles. Design and construction of machinery
Arkharov, A. M. - Temperature variation of the working body in a generalized cycle of a volumetric type expanding machine. *Stroitel'stvo*, 11 no. 1:144-149 '65.

Avvakumov, V. S., Babitskii, E. P. - A new method for calculating flywheel mass. *Trudy BSKHA* 54:145-151 '65.
Bakhteev, V. E. - Some results of laboratory and field studies of a two-blade collector with a guard. *Trudy BSKHA* 54:152-155 '65.

Baranov, A. S. - Study of the dynamics of the reactive resistance of agricultural machines. *Trudy BSKHA* 54:156-163 '65.
Bodrikhin, I. U. K. - Plotting the lines of intersection of ellipsoids with some second-order surfaces of general type. *Stroitel'stvo*, 11 no. 1:152-153 '65.

Bozhko, D. P., and others. - Effect of residual moments on the temperature field in a plate subjected to gas blow with internal heat sources. *Stroitel'stvo*, 11 no. 1:154-157 '65.
Borisov, I. V. - Structural disturbances in linear systems with a finite number of degrees of freedom. *Stroitel'stvo*, 11 no. 1:158-163 '65.

Chelobish, M. V. - Movement of rotary star wheels in a soil layer. *Trudy BSKHA* 54:164-168 '65.
Krylov, D. G. - Correlation between practice in metalworking and the contents and methodology in training of machine-tool operators. *Uch. zap. MGPI* 117:81-90 '65.

Lysenko, V. I. - Results of study of some parameters of a reel for baling harvesting. *Trudy BSKHA* 54:169-173 '65.
Madyukh, V. G. - Preliminary algorithmization and optimization of chemical processes and their economic efficiency. *Khim. prom. Ukr.* no. 8:34-38 N-D '65.

Makolovskii, V. A. - Constructing surfaces of complex shapes with the aid of three-dimensional curves of the third order. *Khim. mashinost.* no. 7:18-20 '65.
Mashakov, I. U. D. - Determining the jumping time of a free-wheeling roller mechanism. *Stroitel'stvo*, 11 no. 1:164-165 '65.

Mashakov, I. U. D. - Dynamics of jumping in a free-wheeling roller mechanism. *Stroitel'stvo*, 11 no. 1:166-167 '65.
Mashakov, I. U. D. - Dynamics of jumping in a free-wheeling roller mechanism. *Stroitel'stvo*, 11 no. 1:168-169 '65.

Mashkov, V. I. - Servo characteristics of the system engine-variable speed drive - working machine. *Stroitel'stvo*, 11 no. 1:170-171 '65.
Mashkov, V. I. - Synthesis of a mechanical system with a variable according to a preset motion of a known link. *Stroitel'stvo*, 11 no. 1:172-173 '65.

Timoshin, A. M. - Rational expression of resulting moments from inertia forces of the first and second order in small-angle in-the-angle. *Trudy BSKHA* 54:174-178 '65.
Vereshchagin, A. M. - Calculation of critical rpm numbers of a flexible shaft with nonlinear bearings. *Stroitel'stvo*, 11 no. 1:174-175 '65.

Kharshki, M. A. - Reduced diagram of inertia of the MTT-80 tractor. *Trudy BSKHA* 54:179-184 '65.

621.01 Theory, principles and practice of automation. Automatic control
Almogov, I. U. Q., and others. - PI-regulators with non-linear integral action. *Priborostroenie* no. 12:13-14 D '65.

Akashov, P. N., Myasovskii, V. S., Bakharovskii, I. U. S. - Automation of the process of iron melting in cupolas with continuous feed. *Lit. protv.* no. 3:14-18 M '65.
Alkhazov, V. M., and others. - Construction of digital automatic control systems. *Trudy LPI* no. 3:11-15 '65.

Alkhazov, V. M., Dambashinskii, M. L., Markovskii, V. B. - Correlation and control of information in a memory unit of an automatic control system. *Trudy LPI* no. 3:16-18 '65.
Arakovich, V. G. - Synthesis problem for a linear object in the case of quadratic functional. *Khim. i met. metod.* 4 no. 8:894-870 N-D '65.

Artyukov, B. A., Orlov, V. M. - Experimental analytical method for studying nonlinear devices. *Stroitel'stvo*, 11 no. 1:176-177 '65.
Artyukov, B. A., Orlov, V. M. - Index of the estimate of reliability and effectiveness of centralized automatic control systems of ships. *Stroitel'stvo*, 11 no. 1:178-179 '65.

Avsa, O. I. - Operation of computers in automated control systems. *Prilozhen. k. stroit.* no. 12:24-26 D '65.
Bakharovskii, B. A., Samikov, I. I. - Study of a transverse plane machine as an object of optimalizing control. *Stroitel'stvo*, 11 no. 1:180-183 '65.

Bakharovskii, B. A., Samikov, I. I. - Dynamics of an optimalizing control system in respect to perturbations. *Prilozhen. k. stroit.* no. 12:27-29 D '65.
Baranov, V. A., Prokhorov, L. G. - Automation of the sorting and coding of letters carried by mail. *Vest. avtom.* 35 no. 12:18-24 D '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:184-185 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:186-187 '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:188-189 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:190-191 '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:192-193 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:194-195 '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:196-197 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:198-199 '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:200-201 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:202-203 '65.

Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:204-205 '65.
Belov, S. A. - Mechanization and automation on ring packing. *Stroitel'stvo*, 11 no. 1:206-207 '65.

Dobryat, M. M., Karsenkov, G. D. - Effect of control on the effectiveness of a self-acting system. *Stroitel'stvo*, 11 no. 1:208-209 '65.
Dolgalov, V. A. - Parametric devices in control systems. *Trudy BSKHA* no. 54:180-181 '65.

Dolia, V. I. - Determination of spectral characteristics of nonlinear systems using the method of equivalent method. *Trudy BSKHA* no. 54:182-183 '65.
Doroshin, K. P., Efremov, V. D. - Mechanization of inspection conditions in digital computing and controlling systems. *Trudy LPI* no. 12:71-74 '65.

Eidunov, R. M. - Study of partially sliding link system an automatic control system with variable structure. *[Trudy] Ural. politekhn. inst.* no. 13:52-57 '64.
Fedotko, V. D., Medvedev, I. U. M. - Determining optimum work regime in the service system on the basis of maximum costs. *Khim. i met. metod.* 4 no. 8:39-44 N-D '65.

Fridlander, B. L. - Some mathematical aspects of the theory of grain throwers. *Dokl. Akad. Nauk SSSR* no. 12:79 '65.
Gablakov, R. - Contribution to the theory of necessary conditions for the optimality of special control. *Dokl. AN SSSR* 153 no. 3:308-309 '65.

Gol'tsin, I. A., Krasovskii, M. M. - Economic efficiency of mechanization and automation of production tasks. *Lit. protv.* no. 9:8-9 N '65.
Gol'dfarb, V. M., Iastrebovskii, M. A. - Some results of experimental tests of the reliability of hydraulic controllers. *Priborostroenie* no. 12:25-26 D '65.

Gol'dfarb, V. M., Iastrebovskii, M. A. - Continuous dependence on the parameter of a set of solutions of a control problem. *Khim. i met. metod.* 4 no. 8:45-50 N-D '65.
Gorodkov, V. K. - Continuous action programming device for liquid components. *Khim. i met. metod.* 4 no. 8:51-52 N-D '65.

Gorodkov, V. K., Yagodnikov, K. P. - Using the model of root trajectories in studying some properties of linearized automatic control systems. *Vest. Mosk. univ. Ser. Fiz.-mat. nauk* 33 no. 4:4-14 N-D '65.
Goncharov, V. K., Plakotskiy, I. A. - Methodology for the determination of optimum conditions for the use of automatic machinery operators. *Lit. protv.* no. 3:40-41 N-D '65.

Isaev, B. M. - Optimization of the process of chromatographic separation of an isodiametric mixture. *Zav. lab.* 33 no. 7:844-847 '65.
Ivashchenko, A. G., Pavlov, A. A., Repnashov, V. E. - Algorithms for stochastic approximation from the viewpoint of the theory of optimal filters. *Trudy AN SSSR, avtomat. uprav.* no. 8:77-81 '65.

Kharshki, M. I. - Calculation of processes of two-positional program control systems. *Priborostroenie* no. 12:31-32 D '65.
Krein, V. M. - Construction of a region of possible states of a static system according to the region of possible perturbations. *Khim. i met. metod.* 4 no. 8:53-54 N-D '65.

Krasov, V. V. - Mathematical model of the structure of a linear installing electric power transmission lines and substations. *Khark. avtom.* no. 12:33-34 '65.
Krasovskii, R. I. - Use of the geometrical-geometric method. *Sobch. AN Ukr. SSR* 52 no. 3:33-34 '65.

Kolodii, I. U. L. - Automation of a refrigerating machine with the AC-1200-type opposed compressors. *Khim. i met. metod.* 4 no. 8:55-56 N-D '65.
Koshak, P. A. - Effect of heat loads on the fuel injection rate before the admission of an auxiliary boiler with automatic fuel preheating control. *Stroitel'stvo*, 11 no. 1:208-209 '65.

Krasovskii, R. I. - Foundations of the theory of automatic control. *Mash. i avtom. prob.* 33 no. 1:44 '65.
Krasov, M. N., Timoshin, V. A. - Automatic programming device with time relay. *Zav. lab.* 34 no. 1:134-136 '65.

Krasov, M. A. - Prospects for determining the characteristics of man-operator using automatic control test systems. *Probl. tekhn. kibernet.* no. 4:4-17 '65.
Krasovskii, R. I., Orlov, I. A. - Investigating in indirect action regulation regulator. *Stroitel'stvo*, 11 no. 1:210-211 '65.

Krasovskii, R. I., Orlov, I. A. - Automatic control, signaling the stoppage of a rolling mill. *Mash. i avtom. prob.* 33 no. 8:15-16 '65.
Krasovskii, R. I. - Generalization of the method for multi-domains (local case). *Khim. i met. metod.* 4 no. 8:57-58 N-D '65.

Ladov, R. A., Shalchuk, G. A. - Determining dynamic characteristics of an inertial object by transient process curves. *Khim. mashinost.* no. 7:20-21 '65.
Manolov, A. M. - Automatic control of the temperature level in the process of synthetic fatty acids separation by carbon dioxide. *Khim. prom. Ukr.* no. 8:42-43 N-D '65.

Mashchuk, G. M., Polev, M. V. - Flowmeter with rotary disk valve and regulator of pulp level on flotation machines. *Obog. rad.* 11 no. 5:44-45 '65.
Matveev, G. G., Belyi, V. K. - Automatic regulation of water supply to ball mills. *Gor. stroit.* 144 no. 12:44-45 D '65.

Medynskii, V. G. - Preliminary algorithmization and optimization of chemical processes and their economic efficiency. *Khim. prom. Ukr.* no. 8:39-44 N-D '65.
Oshchepkov, K. P. - Automatic transfer in GOC gas analyzers. *Zav. lab.* 33 no. 8:133-134 '65.

Oshchepkov, K. P., Danilov, M. M. - Using in electronic machines "Lecti-3" for temperature regulation in hot mechanical testing. *Zav. lab.* 33 no. 8:135-136 '65.
Pavlov, I. P. - Algorithms for solving a nonlinear transportation problem. *Khim. i met. metod.* 4 no. 8:59-64 N-D '65.

631.011 (Continued)

- Potapov, V. E., Sharaf, U. K. - Contactless device for the realization of threshold logical functions and its use in automatic systems. *Izv. vuz. ucheb. zav. i elektromek.* no. 12:1331-1338 D '68.
- Potapov, U. M., Kichin, R. G., Anisov, V. G. - High-temperature torques viscometer with automatic recording of readings. *Izv. lab.* 34 no. 10:1307-1308 '68.
- Prilezko, V. B. - Limitation of the level of a correcting signal in pneumatic systems of cascade control. *Priborostroenie* no. 11:6-7 D '68.
- Rotach, V. A., Krasichin, V. P. - Iteration algorithms of the adjustment and self-adjustment of a system for automatic control of thermal processes. *Teplotekhnika* 18 no. 12:71-74 D '68.
- Shtankov, A. L., Shariy, N. - Problems and experience in the development of an automatic system of planning, organization, and management. *Na stroi. 9 no. 10: 8-9 D '68.*
- Shchegolev, G. E. - Mode indicators of extreme signals. *Trudy Ser. "Spektr. elektron. mod. mash. i avtom." no. 1:68-72 '68.*
- Shchegolev, K. M. - New developments in the mechanization and automation of industrial processes in foundry production. *Lit. protov.* no. 3:41-48 Mr '68.
- Shchegolev, A. G. - Stability of linear automatic systems with variable parameters. *Trudy Ser. "Teor. avtomat. uprav." no. 1:55-64 '68.*
- Shchegolev, A. G. - Stability of sampled-data systems with variable parameters. *Trudy Ser. "Teor. avtomat. uprav." no. 1:65-73 '68.*
- Shchegolev, V. P. and others. - Conversion of a digital code to a proportional current. *Trudy Ser. "Mash. ust. mod. i teor. elekt. uprav." no. 1:70-83 '68.*
- Shchegolev, M. P., Dryakov, V. G., Krut'kov, V. M. - Industrial testing of the electric drive of a diffuser with a PID control circuit. *Sb. dokl. 43 no. 11: 88-92 M '68.*
- Shchegolev, V. G., Shchegolev, U. A., Shchegolev, V. P. - Strained and strained state of cylindrical tanks around their supports. *Gidromekhanika i teor. uprav.* no. 6: 113-120 '67.
- Shchegolev, I., Masov, A. - Automated management systems. *Khisl. stroi.* 11 no. 3:7-8 '68.
- Shchegolev, P. M., Mikhov, M. A. - Studying an automatic control system for obtaining an oil concentrate using automatic computers. *Izv. vuz. ucheb. zav. i nauch. i issled.* 11 no. 10:100-104 '68.
- Shchegolev, A. Z. - Automation of the telephone equipment. *Vest. avtom.* 25 no. 8:10-21 Ja '68.
- Shchegolev, F. E., Ivanov, U. A., Korolev, L. P. - Display systems for simultaneous presentation of a number of parameters. *Eksp. i inform. obrab. dani.* 11 no. 1:10-13 '68.
- Shchegolev, V. A. - Simple graphical method for studying the stability of linear dynamic systems up to and including the sixth order. *Kib. i avtom.* no. 1:102-115 '68.
- Shchegolev, A. G. - Improvement of the operation of extreme voltage indicators. *Trudy Ser. "Spektr. elektron. mod. mash. i avtom." no. 1:143-51 '68.*
- Shchegolev, B. L. - Air pressure regulation in pneumatic remote control systems for marine diesel engines. *Sudost. i mor. soor.* no. 3:41-48 '68.
- Shchegolev, V. I. - Linearization of some automatic control systems with pulse-frequency modulation. *Izv. vuz. ucheb. zav. i nauch. i issled.* 11 no. 1:148-52 '68.
- Shchegolev, J., Jovan, K., Ivanov, L. - Method for superimposing probability models as a means for the calculation and study of complex systems with random parameters. *Trudy TPI Ser. A no. 23:70-80 '67.*
- Shchegolev, M. G. - Method for analysis and limited synthesis of linear dynamic systems. *Izv. vuz. ucheb. zav. i nauch. i issled.* 11 no. 1:150-53 '68.
- Shchegolev, V. A., Karimov, V. B. - Consideration of initial conditions in the study of linear automatic control systems using an operator method. *Elektrotekhnika* no. 12:87-89 D '68.
- Shchegolev, M. P., and others. - Multichannel system for processing signals of frequency transducers. *Trudy Ser. "Mash. ust. mod. i teor. elekt. uprav." no. 1: 49-50 '68.*
- Shchegolev, V. P. - IIR method in the theory of linear differential equations with periodic coefficients. *Trudy Ser. "Teor. avtomat. uprav." no. 1:15-23 '68.*
- Shchegolev, V. T., Itskovich, V. A. - Use of mathematical modeling in studying a system self-adaptive to optimal operation of a drilling machine. *Izv. vuz. ucheb. zav. i elektromek.* no. 12:1334-1337 D '68.

631.011(471.44)—Saratov Province

- Prokof'ev, L. I., Samokov, S. M., Klimov, A. M. - Analysis of the automation efficiency at enterprises of Saratov Province. *Mash. i avtom. protov.* 23 no. 5:42-48 '68.

631.03 Physical engineering and technological principles

- Akro, J. - Calculation of cylindrical metal shells. *Trudy TPI Ser. A no. 25:43-51 '67.*
- Bukhala, A. I., Gaidukovich, M. I., Kononova, Kh. I. - Photoelasticity phenomenon. *Prib. i sist. uprav.* no. 9: 48-50 '67.
- Burinsk, A. - Calculation of prestressed reinforced-concrete shells of revolution. *Trudy TPI Ser. A no. 25: 68-74 '67.*
- Yatslavsk, A. S., Tarasov, U. M. - Unilateral polariscope of a cantilever type for the study of stresses by the method of photoelastic coatings. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 7:21-28 '68.

631.039 Nuclear technology. Nuclear and atomic energy

- Asarova, A. V., Stoklov, A. I. - Formation of cracks during welding of low-alloy austenite. *Atom. energ.* 25 no. 6:533-534 D '68.

- Debrovskii, V. R., and others. - Radiation resistance of ceresite concrete. *Atom. energ.* 25 no. 6:518 D '68.

- Krasov, V. S. - Studying the carbon diffusion from ceramic monocrystals into polyethylene and tungsten. *Atom. energ.* 25 no. 6:489-492 D '68.

- Gribov, V. I., and others. - Studying the automatic control system of an atomic power plant with a boiling reactor. *Atom. energ.* 25 no. 6:455-474 D '68.

- Kalashin, V. M. - Inhibition on the T-Bar. *Atom. energ.* 25 no. 6:447-449 D '68.

- Kocher, K. P. - Steel shell of an atomic reactor. *Mosh. i spets. rab. v stroi.* 34 no. 7:30-33 J '68.

- Lisitski, P. P., Korotkov, I. P., Molodtsov, P. I. - Levels of superficial irradiation of porous metal working with various radiation sources. *Atom. energ.* 25 no. 6:483-485 D '68.

- Lisitski, G. I., Shchegolev, V. P., Kishinev, S. A. - Plant for controlling the storage of sources at isotope storage bases. *Atom. energ.* 25 no. 6:545-547 D '68.

- Miller, O. A., and others. - Gamma-spectra of reactor coolant in the first block of the Novorossiysk Atomic Electric Power Station. *Atom. energ.* 25 no. 6:534-536 D '68.

- Mukha, M. N., Aleksovskii, V. B. - Use of the isotope dilution method in determining oxygen dissolved in water. *Izv. lab.* 33 no. 9:140-143 '68.

- Pavlenko, A. - Power engineering today and tomorrow. *Avtomat. no. 2:29-31 M '68.*

- Shchegolev, U. A., Zakharenko, I. A. D. - Experimental determination of the separation factor in isotopic exchange between liquid ammonia and hydrogen. *Atom. energ.* 25 no. 6:499-503 D '68.

- Shchegolev, G. A., and others. - Methods of studying the stability of boiling water-moderated water-cooled reactor. *Atom. energ.* 25 no. 6:514 D '68.

- Shchegolev, M. A. - Some integral solutions in reactor theory. *Atom. energ.* 25 no. 6:512-514 D '68.

- Shchegolev, A. I., and others. - Application of lead isotope composition variations for studying uranium-bearing regions. *Atom. energ.* 25 no. 6:483-488 D '68.

- Shchegolev, G. B. - Calculating the fuel composition and characteristics of a fast power reactor in steady state. *Atom. energ.* 25 no. 6:484-488 D '68.

- Shchegolev, R. D., Dorozov, G. A., Petrov, V. I. - Calibration of neutron radiometric apparatus. *Isot. tekhn.* no. 16:41-43 O '68.

- Shchegolev, M. V., Koshchik, V. K. - Use of radioactive labeling for evaluating the evaporation of distribution of tubes in rows while planting potatoes. *Trudy BPOIA* 54:41-46 '68.

- Shchegolev, P. P., Shchegolev, K. A., Drizdantov, B. I. - Energy and spatial distribution of backscattered γ -radiation. *Atom. energ.* 25 no. 6:518 D '68.

631.1 Steam power. Engines. Boilers

- Akhmedov, V. A. - Computer calculation of the vibration of flexible mechanical rotors resting on plain bearings. *Vest. mashinost.* 48 no. 12:17-20 D '68.
- Baklanov, D. V., Semenov, A. A. - System for testing pipes with internal pressure with a section of high temperature. *Isot. tekhn.* no. 10:83-84 O '68.
- Barbar, S. A., Kishik, M. A. - Organization of memory and insulating operations in the construction of large electric power plants. *Energ. stroi.* no. 11:24-30 '68.
- Batunov, V. P., and others. - Mechanical-gravity-gravity filters in the condensation cleaning of a 300 Mw. block. *Mash. sta.* 40 no. 11:24-34 Ja '68.
- Berezinski, U. S., Zakharenko, G. M., Shchegolev, M. I. - Structural features and assembly characteristics of a TPP-300 boiler. *Energ. stroi.* no. 11:20-27 '68.
- Devl, M. A. and others. - Calculation of engineering and economic indices of a 300 Mw. block using the "Kompleks" system. *Teplotekhnika* 18 no. 12:43-49 D '68.
- Illipov, G. A., Povarov, G. A. - Study of the separating capacity of a turbine runner with plates. *Teplotekhnika* 18 no. 12:17-20 D '68.
- Orlovskii, D. P. and others. - Threshold power of the turbines of power systems. *Teplotekhnika* 18 no. 12: 23-24 D '68.
- Osocharov, A. V., Stoklov, G. P. - Mechanism of the sorption of iron compounds by cellulose. *Teplotekhnika* 18 no. 12:47-51 D '68.
- Dovlatova, M. V., Rykova, V. I., Shchegolev, V. P. - Water conditions of a 300 Mw. block during its starting period. *Energ. stroi.* no. 11:20-24 '68.
- Karp, I. M., Shchegolev, M. I., Mal'khaev, V. I. - Decreasing the concentration of carbon dioxide in the gas phase of a fire-tube boiler. *Energ. i tekhn.* no. 8: 10-15 M-D '68.
- Kasimov, V. M., Martynovskii, V. L. - Device for determining the stress of air bubbles in turbine oil. *Mash. sta.* 40 no. 11:77-78 Ja '68.
- Kasimov, S. I., and others. - Warning-up of the equipment of a 300 Mw. block. *Elek. sta.* 40 no. 1:8-9 Ja '68.
- Kos, L. L., Gokhsberg, Kh. L. - System for automatic optimization of combustion processes with discrete chromo-optical corrector. *Mash. sta.* 40 no. 1:24-28 Ja '68.
- Korotkov, I. I. - Machines for drilling-out rivets from turbine discs. *Mash. sta.* 40 no. 1:73-77 Ja '68.
- Kozlov, M. P., and others. - Experience in starting K-300-240 turbines manufactured by the Khar'kov Turbogenerator Plant. *Isot. tekhn.* no. 10:7-8 D '68.
- Kozlov, P. A. - Effect of lead loss on the fuel temperature before the start of an auxiliary boiler with automatic fuel preheating control. *Sudost. i mor. soor.* no. 3:36-38 '68.

- Layba, M. I. - Selecting the critical speed for rotors of the main marine turbines. *Sudost. i mor. soor.* no. 1: 70-76 '68.

- Litvin, I. S., Piskunovskii, R. I. - Sectional location for a 300 Mw turbine unit at the Mesarovo State Regional Electric Power Plant. *Energ. stroi.* no. 12:14 '68.

- Litvinov, G. M., Litvinov, V. V., Prudov, R. I. - Schedule graph as an element of labor organization in the preparation for the start of a 300 Mw. block. *Energ. i tekhn.* no. 8:15-22 M-D '68.

- Lokutskii, V. A., Fomin, V. N. - Experimental study of the heat emission of wide checkerboard tube elements in a transverse air flow. *Teplotekhnika* 18 no. 12:68-69 '68.

- Movshin, U. M. - Method for regulating pressures with correction of the expenditure of a media. *Elek. sta.* 40 no. 1:78-79 Ja '68.

- Pavlenko, L. I., and others. - Prestart chemical cleaning of a 300 Mw. block. *Elek. sta.* 40 no. 1:73-76 Ja '68.

- Pechenkin, B. A. - Method of assembly of 300 Mw block feed pumps manufactured by the "Krasnodar" and "Soyuzmash" plants. *Energ. stroi.* no. 11:23-26 '68.

- Rylov, S. V. - Design of two-section superheaters for marine steam boilers with a spray cooler. *Sudost. i mor. soor.* no. 3:24-29 '68.

- Shchegolev, A. P., Voronko, V. I. - Methods of calculating heat diagrams for marine steam power plants. *Sudost. i mor. soor.* no. 1:90-95 '68.

- Shchegolev, I. A. - Purty of two phases of boilers operating on gaseous fuel. *Energ. i tekhn.* no. 8:12-15 M-D '68.

- Shchegolev, R. M., Bobylev, V. P. - Models units for heating the engines prior to starting in winter conditions. *Mash. stroi.* 23 no. 4:17-18 Ap '68.

- Trubnikov, M. A. and others. - Effect of start conditions on the buckling of the cylinders K-200-130 turbines manufactured by the Leningrad Metal Plant. *Teplotekhnika* 18 no. 12:4-13 D '68.

- Voinov, A. P. - Universal system for the remote control of the position of components of thermal power generating units. *Energ. i tekhn.* no. 8:22-24 M-D '68.

- Zakharenko, S. I., Shchegolev, B. M. - Analysis of the operation of the air heaters of the TPP-300 boiler of an 800 Mw. block. *Elek. sta.* 40 no. 1:12-13 Ja '68.

- Zakharenko, A. V. - Waste heat boiler as object of pressure regulation. *Sudost. i mor. soor.* no. 3:32-40 '68.

631.1(447)—Czechoslovakia

- Leisnerovskii, A. S. - Preparation for the conversion of large steam turbines to operation with random starts and stops in the Czechoslovak S. S. R. *Teplotekhnika* 18 no. 12:23-26 D '68.

631.23 Water power. Utilization of hydraulic energy

- Barberin, V. M. - Using an ejector device in hydraulic impact boring. *Izv. vuz. ucheb. zav. i nauch. i issled.* 11 no. 12:48-50 D '68.
- Bukhar, D. A., Krasov, A. M. - Experimental investigation of inlet chambers of hydraulic turbines. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 9:111-118 '68.
- Klimov, I. P., Gavrilov, S. P. - Remote-control hydraulic governor. *Mash. stroi.* 23 no. 3:74-80 Mr '68.
- Osocharov, G. A., Zakharenko, G. M. - Hydraulic calculation of a bottom water intake gallery. *Sudost. i mor. soor.* no. 3:443-458 My '68.
- Osocharov, G. A., Pochkin, A. M. - Method of determining the interior characteristics of a torque converter on the basis of its external characteristics. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 9:118-121 '68.
- Korotkov, V. A. - Hydraulic characteristics of certain types of safety valves. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 9:117-121 '68.
- Kulakovskii, S. S., and others. - Prospects of applying high-capacity water-torque power installations. *Izv. SO AN SSSR* no. 3:83-85 F '68.
- Osocharov, K. Kh. - Delays in hydroelectric torque changes under the conditions of power unit parallel operation. *Trudy Armavirsk. i 1:473-478 '67.*
- Petrushin, M. M. - Hydraulic power engineering and the problems of its engineering research. *Trudy Nauch. issled. po gidrotekhn.* no. 10:18-9 '64.
- Semenov, P. A., Timonov, U. V., Melnikov, U. P. - Effect of the angle of taper of exit cone on hydraulic resistance of Venturi absorber. *Mash. i avtom. protov.* 23 no. 5:108-109 '68.
- Shchegolev, L. L., Shchegolev, V. V., Movak, V. M. - Selecting parameters for a pump flywheel drive of a hydraulic press. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 7:118-121 '68.

631.23(574)—Kashan S. S. R.

- Ugal, M. A. - Purty measures in utilizing the water power resources of the Kashan Alai in the prewar period and during the years of the Great Patriotic War. *Obshchestv. nauch. i 11:74-84 '67.*

631.23 Electrical engineering

- Alekseev, G. M., Shchegolev, G. A. - Characteristics of a vacuum discharge during switching surges. *Elektrotekhnika* no. 12:18-20 D '68.
- Aliev, A. A., Kozari-Khal, M. I. - Telemetering of the top positions with automatic voltage regulation. *Mash. sta.* 40 no. 1:83 Ja '68.
- Anisov, I. M., Shchegolev, M. P. - Nedy viscosity in two-phase flow. Calculation of bubbling rectification apparatus. *Mash. i avtom. protov.* 23 no. 5:113-113 '67.
- Aristov, M. M., Gushchik, A. A. - Index of the estimate of reliability and effectiveness of centralized automatic control systems of ships. *Izv. vuz. ucheb. zav. i nauch. i issled.* no. 11:181-188 '68.

621.3 (Continued)

- Artemenko, S. A. - Errors of scanning conversion dependent upon a random component of a transformed signal. *Avionika*, no. 4:85-91 31-Ag '68.
- Borlin, L. I., Furman, B. A. - Analysis of the dynamic accuracy of a "frequency to d.c. voltage" converter. *Avionika*, no. 4:81-85 31-Ag '68.
- Chernov, I. U. - Hydraulic systems for high-voltage switches. *Elektrotekhnika* 49 no. 11:31-33 M '68.
- Chirkov, B. I. - Effect of resynchronization on the interference stability of relative phase telegraphy receivers with detector integration. *Elektrosvet* 22 no. 113-114 '68.
- Dmitov, O. I. U. - Study of an electric arc column in a duct with a gas flow. *Izv. SO AN SSSR* no. 3:34-35 P '68.
- Evdushenko, I. M., and others. - Use of an electrolytic integrator in multichannel telemeasuring systems collecting meteorological information. *Priborostroyeniye* no. 8:4-10 Ag '68.
- Gorodetskiy, A. I. U., Rastvorov, A. G., Kogan, E. G. - Improving the reliability of switching circuits in automation. *Mash. i avtom. prior.* 22 no. 5:23-25 '68.
- Grobov, L. A., Galper, V. A. - Nature of the centers of blue luminescence of zinc sulfide. *Zhur. fiz. khim.* 42 no. 7:179-182 31 '68.
- Ishchenko, I. U. S., and others. - Using thermocouples as feedback transducers in the formation of webs. *Str. prior.* no. 8:46-47 Ag '68.
- Kadomtseva, K. P., Markovskiy, L. V. - Principles of the construction of a program for calculating internal overvoltages in complex electric power transmission systems. *Trudy LPI* no. 3:113-117 '68.
- Kalashnikov, E. A., Koshel, M. D. - Transient processes on porous valve electrodes. *Khim. tekhn.* no. 8:103-105 '67.
- Kashcheyev, V. V. - Spectra of multiply repeated transient signals with amplitude pulse modulation. *Izv. vuzov, radiofiz.* 11 no. 11:22-26 '68.
- Kobayev, F. S., Shchegolev, A. V. - Analysis of errors in the measurement of vacuum. *Elektrotekhnika* 49 no. 10:61-64 O '68.
- Konikhor, N. E., Kufarevskiy, L. F., Shkhar, F. M. - Transformer converters of small displacements with functional output. *Priborostroyeniye* no. 8:4-5 Ag '68.
- Korobov, I. U. F. - Interference stability of a microwave communication channel in relative phase telegraphy. *Elektrosvet* 22 no. 114:3-50 M '68.
- Krasov, V. I. - But welding of pipes by heating with high-frequency currents. *Str. prior.* no. 8:24-25 Ag '68.
- Krasov, L. P., Gofidakhin, L. A., Kizil, V. S. - Methodology for determining optimal nominal values of the parameters of electrical devices. *Izv. vuzov, radiofiz.* no. 11:174-178 D '68.
- Kuchakov, S. I., Plamen, L. M. - Local warming up in the points of contact of particles in a granular layer. *Mash. i avtom. prior.* no. 8:44 '67.
- Kuklov, O. V., Shchegolev, L. A., Shchegolevskiy, L. A. - High-voltage porcelain with low content of alkali and alkali oxides controlling its properties. *Khim. tekhn.* no. 8:184-187 '67.
- Kurkina, T. S., Potok, V. S., Bakhovskiy, V. I. - Study of means for increasing the stability of a vacuum arc during switching. *Elektrotekhnika* 49 no. 10:70-72 D '68.
- Kuznetsov, V. D., Paramonov, V. K. - Wideband device for balancing and matching. *Elektrosvet* 22 no. 114:36-34 M '68.
- Lakshov, B. D., Kuchakov, I. U. V. - Use of trilon complexes in electroanalysis. *Trudy IREK* no. 3:338-339 '64.
- Lashkov, I. U. S., Moroz, E. M., Kirilak, L. G. - Behavior of solid electrodes during polarography. *Izv. AN Khim. SSSR* no. 9:33-35 '63.
- Lisovsky, I. U. A., Shchegolev, V. A. - Improvement of equipment for proper phase switching. *Klek. sta.* 40 no. 11:80 Ja '68.
- Lisov, P. M. - On the 50th birthday of Academicians of the All-Union Academy of Agricultural Sciences "V. I. Lenin". *Mikhail Grigor'evich Kravtsov. Vost. sel'khoz. mash. i tr.* no. 11:117-118 N '68.
- Lukashin, A. K., Trusova, M. S. - Relationships between the rated parameters of an impulse wave. *Elektrotekhnika* 49 no. 11:80-81 D '68.
- Lukashov, M. A., Danilov, F. I., Yuzova, L. I. - Effect of temperature on the adsorption of organic compounds on a mercury electrode. *Khim. tekhn.* no. 8:41-43 '67.
- Malyukov, A. V. - Simplified design of rotation relay. *Str. prior.* no. 8:22 P '68.
- Maslov, A. P., Shchegolev, L. I., Miller, I. A. S. - Electrical installation work. *Mash. i avtom. prior.* 22 no. 3:3-9 P '68.
- Melovskiy, F. K. - Concerning the article "Testing of industrial equipment for solar radiation effects." *Elektrotekhnika* 49 no. 11:81 O '68.
- Mikhov, L. K. - Ball-bearing type current pickup attachment for transformers. *Priborostroyeniye* no. 8:24-25 Ag '68.
- Parvichev, A. - Power engineering today and tomorrow. *Agrimor* no. 2:129-31 M '68.
- Rivich, I. A. - Some errors of string type converters. *Priborostroyeniye* no. 12:4-1 D '68.
- Rodionov, A. K., Syrovatkin, B. P. - Approximation method for calculating electric characteristics of an electric discharge pump. *Izv. vuzov, radiofiz.* no. 11:183-115 '68.
- Ryskin, E. I. A. - Analysis of nonlinear distortions originating during the passage of an FM signal in a multi-level media. *Elektrosvet* 22 no. 11:51-54 M '68.
- Serey, A. B., Dolomov, V. P. - Designing of regulators using thyristors with a.e. line voltage feed. *Elektrotekhnika* 49 no. 11:37-38 M '68.

- Shchegolev, L. A., Karakina, M. I. - Study of the characteristics of vacuum points at negative temperatures. *Elektrotekhnika* 49 no. 11:18-21 M '68.
- Shirman, I. A. D., Gifford, V. M. - Contribution to theory of the drift of the effective center of secondary emission. *Elektrotekhnika* 49 no. 11:217-220 M '68.
- Shupakov, G. P. - Facilitated determining the reliability of complex products. *Stand. i kach.* 22 no. 11:34-36 M '68.
- Sosina, G. E., Savchenko, P. A., Medvedev, I. G. - New method for insulating the poles of electrical machines. *Elektrotekhnika* 49 no. 11:3-7 M '68.
- Syobov, O. P. - Parametric a.c. stabilizer using one barrier. *Izv. vuzov, radiofiz.* no. 11:33-37 O '68.
- Tokov, O. V. - Calculation of three-dimensional fields in piecewise homogeneous media. *Izv. vuzov, radiofiz.* no. 11:259-1301 D '68.
- Trubnikov, S. B., and others. - Electrode with a stationary mercury drop. *Zav. lab.* 33 no. 9:1183-1184 '68.
- Truf, A. L. - Arc current density in a slit-type arc-quenching chamber. *Elektrotekhnika* 49 no. 11:80-81 D '68.
- Ushakov, B. A. - Longitudinal flow along an electric arc in a cylindrical duct. *Izv. SO AN SSSR* no. 3:38-33 P '68.
- Usat, V. I. - Linearization of some automatic control systems with pulse-frequency modulation. *Izv. vuzov, radiofiz.* 11 no. 11:48-53 '68.
- Ushakov, O. I. - Electrical parameters of surface pipelines in permafrost regions. *Elektrotekhnika* 49 no. 11:34-35 '68.
- Vainik, V. I. A., Kharitkin, V. S. - Consideration of initial conditions in the study of linear automatic control systems using an operator method. *Elektrotekhnika* 49 no. 11:41-43 D '68.

621.31 Power supply, distribution and control

621.31(404)—European Communist countries

- Kavchinskii, E. - Utilization of power systems in the Mutual Economic Assistance Council countries. *Mash. i avtom. prior.* 10 no. 3:138-144 '68.

621.311 Power generation, supply, Power stations

- Abolmaki, B. A., Chudovitskiy, V. M. - Layout of the drainage system of the earth dam in the Bratsk Hydroelectric Engineering Complex. *Energ. stroi.* no. 11:51-53 '68.
- Abramova, G. G., Goshchik, G. I. A., Malyt, A. P. - Automatic regulation of the operation of a hydroelectric power station according to frequency and active power with restriction of laboryston flows. *Klek. sta.* 49 no. 11:23-32 Ja '69.
- Aver'khov, V. A., Krasov, V. V., Makhovskiy, P. A. - Self-synchronizing of marine synchronous generators through a reactor. *Sodnost. i mor. soor.* no. 1:104-110 '68.
- Avlov-Kernachov, E. M. - Preliminary energy characteristics of coal mines. *Izv. vuzov, radiofiz.* no. 11:144-144 M '68.
- Barber, S. A., Krichka, M. I. A. - Organization of assembly and launching operations in the construction of large electric power plants. *Energ. stroi.* no. 11:24-25 '68.
- Berezinskiy, I. U. M., Kuchakov, O. M., Shchegolevskiy, M. I. - Structural features and assembly characteristics of a TYP-200 boiler. *Energ. stroi.* no. 11:26-27 '68.
- Berezinskiy, V. I., and others. - New assembly cranes for the construction of thermal electric power plants. *Energ. stroi.* no. 11:17-18 '68.
- Borodukhova, V. A., Kuchakov, A. P. - Location of short-circuits to ground in 6-20 kv. overhead power distribution networks using the "Potok-1" device. *Klek. sta.* 49 no. 11:48-48 Ja '68.
- Dolgikh, V. A. - Parametric devices in railroad automation. *Trudy RIZHT* no. 5:11-12 '68.
- Dolgikh, B. S. - Determining amplitude coefficients for physical modeling of electric reactors. *Trudy RIZHT* no. 5:127-131 '67.
- Dorogovskiy, M. P., Krasova, M. I. - Designing a circuit with a capacitor microphones by means of the successive intervals method. *Trudy RIZHT* no. 5:127-131 '67.
- Edlin, I. S. - Effectiveness in using computers at heat and electric power plants. *Mash. i avtom. prior.* 22 no. 5:45-48 '68.
- Filippov, T. A. - Some aspects of the methodology in solving the problem of complex utilization of a hydroelectric plant during its operation. *Izv. SO AN SSSR* no. 3:147-151 P '68.
- Gorodetskiy, I. U. P., Shchegolevskiy, O. V. - Program for calculating the static stability of complex electrical systems. *Trudy LPI* no. 3:113-117 '68.
- Gorodetskiy, M. F. - Special features of electrodynamic forces in disc windings of small reactors. *Trudy RIZHT* no. 5:127-131 '67.
- Gusev, A. G., Krasov, M. S. - Some problems of efficiency and performance of cranes during assembly of reinforced-concrete elements of thermal electric power plant structures. *Energ. stroi.* no. 11:8-7 '68.
- Dovlatova, M. V., Rykova, V. I., Shchegolev, V. P. - Water conditions of a 360 kv. block during its starting period. *Energ. stroi.* no. 11:28-34 '68.
- Ivashenko, I. U. M. - Planning of sequential operations in rural electrification. *Energ. i elek.* no. 6:14-20 M-D '68.

- Ivashov, V. I., Makhovskiy, P. A. - Design of heating devices of reactive capacity on the basis of power transformers. *Sodnost. i mor. soor.* no. 1:98-100 '68.
- Kipnis, M. I. A. - Problems of working out an operating organization plan. *Energ. stroi.* no. 11:28-31 '68.
- Kolchinskoy, G. I., Mikhailova, V. I. - Use of digital computers in calculating natural and peak temperatures of complex electrical networks. *Trudy LPI* no. 3:113-117 '68.
- Korolev, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of a single cycle additional load. *Trudy RIZHT* no. 11:41-43 '67.
- Korolev, O. L. - Measuring average temperatures of windings of single-phase electric machines by means of a single cycle additional load and a divided capacitor. *Trudy RIZHT* no. 5:127-131 '67.
- Korolev, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of zero sequence filters. *Trudy RIZHT* no. 11:41-43 '67.
- Krasov, V. V., and others. - Loading arrangements of reactive capacity for the testing of marine synchronous generators. *Sodnost. i mor. soor.* no. 1:104-110 '68.
- Krol, I. B., and others. - Guarantee of reliability of lower radiational portion of the PK-11 gas-turbine boiler by means of regulation of gases. *Klek. sta.* 49 no. 11:13-15 Ja '68.
- Kryzhanov, G. A., Krasovskiy, I. A. - High-voltage 10-20 kv. power supply for microtreatment. *Avtom. avtom.* 31 no. 11:10-13 M '68.
- Lobachev, S. A. - Notes on electric energy. *Klek. sta.* 49 no. 11:84 Ja '68.
- Markovskiy, P. T., Mol'nikov, T. M. - Peak load power plants in power day electric power engineering. *Energ. i elek.* no. 6:11-13 M-D '68.
- Maslov, L. I. - Selection of the most efficient units of assembly cranes for the erection of the superstructure of the main body of a thermal electric power plant according to a universal plan. *Energ. stroi.* no. 11:28-31 '68.
- Martov, V. L., Orlov, V. G. - Experimental and theoretical determination of the regulatory effect of a load according to frequency and voltage. *Klek. sta.* 49 no. 11:34-36 Ja '68.
- Mukhin, I. M. - Lowering labor costs for the assembly of 300 Mw blocks. *Energ. stroi.* no. 11:28-31 '68.
- Molchinskoy, T. M., Orlovskiy, M. K. - Scientific organization of labor in power engineering. *Energ. i elek.* no. 6:138-38 M-D '68.
- Orlovskiy, T. M. - Organization of labor in power distribution networks. *Klek. sta.* 49 no. 11:17-17 M-D '68.
- Perel'manov, N. A., and others. - The construction of thermoelectric power plants. *Energ. stroi.* no. 11:24-25 '68.
- Polishchuk, N. P. - Testing and adjustment of hydraulic equipment of high-pressure hydroelectric power units. *Klek. sta.* 49 no. 11:38-38 Ja '68.
- Ponomarev, O. V. - Automation of thermal process and prospects for its development. *Energ. i elek.* no. 6:17-9 M-D '68.
- Popovskiy, V. V. - Investigation of contact devices of power transformers. *Trudy RIZHT* no. 5:127-131 '67.
- Popov, V. M. - Layout of a 10-11 kv. step-down substations. *Klek. sta.* 49 no. 11:48-48 Ja '68.
- Popov, V. V. - Calculating transient processes in a circuit with power transformers. *Trudy RIZHT* no. 5:127-131 '67.
- Popov, V. V., Gorysh, L. R. - Hydrodynamic investigations of power transformers. *Trudy RIZHT* no. 5:127-131 '67.
- Popov, V. V., Popovskiy, V. V. - Contact devices of power transformers. *Trudy RIZHT* no. 5:127-131 '67.
- Rabinov, A. V., Bolashov, I. U. V. - Operational check of nonstationary (transient) stresses in the elements of electric power systems. *Klek. sta.* 49 no. 11:13 Ja '68.
- Rabinov, M. M. - Scientific organization of work and production of labor in power engineering. *Energ. i elek.* no. 6:138-38 M-D '68.
- Romashov, V. V., Kuchakov, I. U. M. - Methods for measuring the electrical resistance of a storage battery. *Elektrotekhnika* 49 no. 10:70-72 D '68.
- Rivich, L. V. - Spatial noise. *Trudy RIZHT* no. 5:127-131 '67.
- Shchegolev, A. A., and others. - Investigating combined line devices in angular combination chambers. *Izv. vuzov, radiofiz.* no. 11:127-131 '68.
- Shchegolev, E. E. - Fuel supply of electric power plants with seasonal fluctuations of fuel consumption. *Klek. sta.* 49 no. 11:3-4 Ja '68.
- Solomin, V. M. - Information funds in power generating enterprises. *Energ. i elek.* no. 6:140-41 M-D '68.
- Vasil'ev, V. D., Tsel'palk, I. U. A., Tsel'palk, A. P. - Selecting a power drive for a centrifuge. *Kim. mashinost.* no. 7:58-60 '68.
- Voinov, A. K. - Studying transient processes in hydraulic drive. *Izv. SO AN SSSR* no. 3:113-113 P '68.
- Voropai, M. I., and others. - Program for calculating the dynamic stability of a complex system with strong regulation of the excitation of generators and regulation of the turbine torque using the "Tural-1" digital computer. *Trudy LPI* no. 3:113-117 '68.

621.311(41)—United Kingdom and Northern Ireland

- Konopchuk, S. V., Madolan, A. A., Pukin, G. I. - Power engineering in Great Britain. *Energ. i elek.* no. 6:147-49 M-D '68.

621.311(44)—France

- Klimenko, G. A. - Power engineering in France. *Energ. i elek.* no. 6:145-45 M-D '68.

- 621.311(477)—Ukraine S. S. R.
- Bozhik, M. L., and others. - Water drainage and deep level water lowering at the construction site of the Dniester State Regional Electric Power Plant. *Energ. stroi.* no. 11:5-8 '80.
- Dolynko, T. P., Pivakhtov, A. L., Ilyukhin, M. G. - Potentials for lowering costs of making prefabricated reinforced-concrete parts for hydroelectric power plants of the type of the Kiev Hydroelectric Power Plant. *Energ. stroi.* no. 11:40-43 '80.
- Electric power engineering in the Ukraine S. S. R. in 1980. *Energ. i elek.* no. 6:3-6 M-D '80.
- Shirov, I. P. - Analysis of the mechanization scheme used in the erection of the building of the Kiev Hydroelectric Power Plant. *Energ. stroi.* no. 11:48-50 '80.
- 621.311(571.51)—Krasnodar Territory
- Lisina, E. E., Moroz, E. I. - Discharge of the 1986 spring flood the construction site of the Krasnodar Hydroelectric Power Plant. *Energ. stroi.* no. 11:38-40 '80.
- 621.311(571.3)—Tajik S. S. R.
- Kabot, M. A. - Hoisting mechanisms for the performance of tunneling operations at the Murat Hydroelectric Power Plant. *Energ. stroi.* no. 11:57-58 '80.
- 621.311(571.4)—Turkmen S. S. R.
- Al'tovskii, G. G. and others. - Experience in the first years of the operation of a gas turbine power plant in Khat-Dag in the Turkmen S. S. R. *Teploenergetika* 15 no. 12:21-25 D '80.
- 621.312 Electric machines, generators, motors
- Abdullatipov, K. A. - Performance of an asynchronous motor with parallel-connection of capacitors and asymmetry of the voltage. *Za tekhn. prog.* 8 no. 12:10-12 D '80.
- Apost, V. V. - Rotor magnetic potential of the armature pack of a synchronous machine with claw-type poles. *Belekt. i elek. mash.* no. 6:18-25 '87.
- Apost, V. V., Dombay, L. K., Porots, I. A. M. - Features of using inductor-type generators in electric welding. *Belekt. i elek. mash.* no. 6:118-123 '87.
- Ashraf, A. S. - Calculation of the heating of electric traction machines using electronic digital computers. *Scot. AN Gruz. SSR* 62 no. 3:61-64 B '80.
- Berkov, A. I., and others. - Calculation of the principal dimensions of a synchronous generator operating with a pulsating load. *Elektricheskoe no. 12:20-24 D '80.*
- Birskiy, V. V. - The aesthetics bureau decisions and needs. *Elektr. i elek. mash.* 11 no. 12:10-11 D '80.
- Blaugberg, V. A., Bol'shakov, A. A. - Current drying and life of the insulation of electrical machines. *Elektricheskoe* 39 no. 11:1-11 M '80.
- Bukharin, L. V., Petrov, I. P. - Technical and economic problems in the application of dynamic capacitor. *Avtomatiz. i tekh. uprav.* 36 no. 7:118-117 JI '80.
- Chernov, K. I. - Optimal field regulation of a rolling mill motor. *Elektricheskoe* no. 11:44-46 D '80.
- Derzhitskiy, D. P., Bogdanovskiy, I. Z. - Calculation of principal losses in the teeth of electrical machines using integral curves. *Elektricheskoe* 39 no. 10:16-18 O '80.
- Dobry, A. A., Perevoshchikov, M. M., Iakovlev, N. M. - Magnetic amplifiers for regulating DID series motors. *Izv. vuz. ucheb. zav.* no. 11:28-32 '80.
- Dubina, A. I. - Effect of damper winding on the losses and the magnetic field of a synchronous machine. *Elektricheskoe* 39 no. 10:9-10 O '80.
- Efrem, A. I. - Optimization of a magnetohydrodynamic generator with a limited expansion angle of the channel. *Mag. gidr.* no. 3:91-96 Ap-Je '80.
- Gorb, A. M., Gorbata, I. R., Masur, M. I. - Calculation of winding characteristics of a magnetohydrodynamic generator. *Mag. gidr.* no. 3:97-103 Ap-Je '80.
- Gromov, K. I. - Overhaul of electrical equipment on the TD-3 track maintenance car. *Pot. i pot. khor.* 11 no. 12:22-23 '80.
- Kishchuk, V. D. - Limit angles of control of an electronic converter in the armature circuit of a motor of an electronically excited drive with reversing field. *Izv. vuz. ucheb. zav.* no. 6:531-533 My '80.
- Kiselev, L. R. - Special features and characteristics of a brushless synchronous shaft generator with claw-like poles and an exterior rotor. *Belekt. i elek. mash.* no. 6:123-128 '87.
- Kislovskiy, G. M., Voronov, G. G. - Six-phase windings of turbogenerators. *Elektricheskoe* 39 no. 10:1-4 O '80.
- Kriva, B. I. - Experimental determination of the parameters of the equivalent circuit of a synchronous machine. *Elektricheskoe* 39 no. 10:10-12 O '80.
- Krivonozhko, V. I., Medin, S. A. - Analysis of the circuit of a power unit with a magnetohydrodynamic generator and a thermocompressor. *Teplofiz. vyz. temp.* 6 no. 6:1118-1123 M-D '80.
- Kurov, V. F., Makurin, M. M., Podshivalov, B. I. - Studying the structure of phase winding of a motor option for a synchronous generator. *Izv. SO AN SSSR* no. 3:63-69 F '80.
- Kis, I. S., Varfolomeev, L. P. - Use of dissipation fields for measuring the parameters of high-speed microcircuits. *Elektricheskoe* 39 no. 11:53-54 M '80.
- Kuznetsov, B. A., and others. - Adjustable-algebra drive for electric drilling. *Za tekhn. prog.* 8 no. 12:1-10 D '80.
- Lavrin, I. S., Pivakhtov, R. I. - Sectional foundation for a 600 MW turbine unit at the Muratov State Regional Electric Power Plant. *Energ. stroi.* no. 11:9-14 '80.
- Lashkov, K. S. - Studying the effects of parameters of an automatic control excitation system on the stability of a synchronous generator. *Izv. SO AN SSSR* no. 3:160-168 F '80.
- Meistell, A. M., Pavlov, A. G. - Vibrations of asynchronous motors under special operating conditions in machine-tool drives. *Stroitel'stvo* 39 no. 7:13-15 JI '80.
- Muraviev, O. P., Shchegolev, K. K. - Calculation of parametric tolerances of asynchronous motors. *Elektricheskoe* 39 no. 11:58-59 M '80.
- Oganesyan, G. Z. - Synchronous motor with automatic excitation control. *Elektricheskoe* 39 no. 11:33-35 M '80.
- Olefir, V. F., Opryshko, I. A. - Determination of optimal transfer functions of automatic control systems of the speed of electric drives of finishing cages of thin-sheet hot rolling mills. *Izv. vuz. ucheb. zav.* no. 6:534-538 My '80.
- Polisavits, P. G. - Heat cycle of a direct current superconductor, non-compression magnetohydrodynamic generator. *Teplofiz. vyz. temp.* 6 no. 6:1106-1117 M-D '80.
- Rashnina, R. - Mapping motors with parallel windings and dynamics of stepping motor drives. *Trudy TPI. Ser. A* no. 25:101-108 '87.
- Rashnitskiy, A. P. - Electric characteristics of linear induction magnetohydrodynamic machines taking the boundary effects into account. *Mag. gidr.* no. 3:118-120 Ap-Je '80.
- Riabokrya, I. V. - Consideration of the life of induction motors in their engineering and economic calculations. *Energ. i elek.* no. 6:33-35 M-D '80.
- Rogachev, I. S., Lazarevskiy, L. I. - Plasma contacts in bipolar machines. *Izv. vuz. ucheb. zav.* no. 6:533-535 My '80.
- Solov'yov, G. G., and others. - Improvement of the terminal part of the TGV-300 turbogenerator. *Energ. i elek.* no. 6:1-10 M-D '80.
- Starikov, A. M., Teller, M. Z. - Indirect tests of squirrel-cage induction motors. *Elektricheskoe* 39 no. 10:12-15 O '80.
- Shchegolev, L. M. - Increasing the rated power of turbo-generators. *Elektricheskoe* 39 no. 10:6-8 O '80.
- Shchegolev, L. M. - Problems of the statics and dynamics of a drive with electromagnetic slide contacts and multi-speed induction motors. *Izv. vuz. ucheb. zav.* no. 6:536-538 My '80.
- Shchegolev, L. M. - Performance of the interpole dissipation of a claw-type inductor with T-shaped poles. *Belekt. i elek. mash.* no. 6:13-14 '87.
- Shchegolev, I. U., Shchegolev, B. S. - Concerning the article "Protection of low power motors." *Elektricheskoe* 39 no. 10:100 O '80.
- Shchegolev, K. K. - Calculation of the parameters of a three-phase inductor machine with two gear steps of the stator. *Belekt. i elek. mash.* no. 6:105-107 '87.
- Shchegolev, K. K. - Distribution of radial expansion force in calculating the cost of general overhaul of electrical machinery. *Vest. mashinostr.* 48 no. 11:76 M '80.
- Sorokov, A. A., Vasil'ev, G. A., Shchegolev, V. K. - Study of the distribution of eddy currents in the cast shells of traction motors. *Izv. vuz. ucheb. zav.* no. 6:539-542 D '80.
- Strizhkov, A. A. - Experimental study of frequency speed control of a brushless synchronous electric motor. *Belekt. i elek. mash.* no. 6:121-123 '87.
- Strizhkov, A. A. - Monostatic indicator of rotor position. *Belekt. i elek. mash.* no. 6:121-123 '87.
- Vil'ner, G. A., Shchegolev, B. S. - Transistor self-oscillator with stabilized amplitude. *Pril. i stat. upr.* no. 12:20-21 D '80.
- Volgin, M. A. - Calculation of conditions for blowing-out generators. *Elek. sta.* 40 no. 1:79 Ja '80.
- Kiselev, V. G. - Transfer function of the automatic excitation control system of a synchronous motor. *Elektricheskoe* 39 no. 10:13-19 O '80.
- 621.314 Transmission. Transformers, etc.
- Abdullatipov, K. A. - Special features of thermal characteristics of thyristors. *Elektricheskoe* 39 no. 10:31-34 O '80.
- Azmatov, A. I., Yozgatseonkidi, V. F., Khrushchev, A. A. - Decision applied using fuses in the protection of NOM-35 voltage transformers. *Elek. sta.* 40 no. 1:80-78 Ja '80.
- Arak, A. M., and others. - New series of metal exciters with fixed air-side spot. *Elektricheskoe* 39 no. 10:30-32 O '80.
- Belov, V. M., Sobolev, G. M. - Effect of residual parameters of elements on the operation of voltage to pulse frequency converters. *Avtomatiz. i tekh. uprav.* 36 no. 7:118-117 JI '80.
- Boobov, A. S. - Inductive-capacitive converter for transformer relays. *Trudy KHEBT* no. 11:44-58 '87.
- Bratolov, V. B., Spokolny, L. I., Serokhin, Zh. G. - Operation of semiconductor rectifiers on different frequencies. *Izv. vuz. ucheb. zav.* no. 6:543-545 My '80.
- Belgakov, K. V., Prieta, I. M. - Methods for the approximation of a sinusoidal voltage of autonomous inverters. *Izv. vuz. ucheb. zav.* no. 6:546-548 My '80.
- Dzhalil, A. D., Poterchenko, V. I. - Linear sawtooth voltage generator for the ignition system of regulated rectifiers. *Elektricheskoe* 39 no. 11:26-27 M '80.
- Dolgov, A. M. - Specialization of operations for the installing of transformers. *Energ. stroi.* no. 11:54-57 '80.
- Dolich, R. P., Chafin, L. M. - Overvoltages in the control winding of an autotransformer. *Izv. vuz. ucheb. zav.* no. 6:549-551 D '80.
- Dondolovskiy, L. K., Bogdanov, L. A., Shchegolev, B. A. - Converter of direct current to frequency based on the principle of mutual magnetic resonance. *Pril. i stat. upr.* no. 12:4-4 D '80.
- Golodov, V. P., Bulovskiy, L. V. - Transfer of active power between the windings of a transformer with dual feed. *Belekt. i elek. mash.* no. 6:144-146 '87.
- Golodov, V. P., Shchegolev, K. K. - Transfer of active power between two control channels of a system of phase compensating with a three-winding transformer with dual feed. *Belekt. i elek. mash.* no. 6:147-150 '87.
- Gorbunov, I. U. R. - Pulse voltage distribution in a cylindrical system with laminated steel. *Izv. SO AN SSSR* no. 3:124-126 F '80.
- Iushchabenko, V. D. - Limit angles of control of an electronic converter in the armature circuit of a motor of an electronically excited drive with reversing field. *Izv. vuz. ucheb. zav.* no. 6:531-533 My '80.
- Kalinichenko, I. S., Dolich, R. P., Chornogorskiy, V. M. - Protection of the control winding of an autotransformer. *Elektricheskoe* 39 no. 11:28-31 M '80.
- Katancalova, S. M. - Effectiveness of using thyristors in autonomous inverters with increased frequency. *Elektricheskoe* no. 12:54-56 D '80.
- Korotkiy, V. P. - Calculation of the toroidal windings of low-power transformers using monograms. *Pril. i stat. upr.* no. 12:14-17 D '80.
- Krylov, S. S., Ugolnikov, V. P. - Reversing of a three-phase converter with symmetrical thyristors. *Elektricheskoe* no. 12:50-54 D '80.
- Lavrenko, V. A., Oboznenko, S. G., Shchegolev, V. P. - Switching processes in thyristor converters with condenser commutation. *Elektricheskoe* 39 no. 10:43-45 O '80.
- Liberman, E. P., Korolev, E. P. - Engineering method for calculating transients of current transformers. *Elektricheskoe* no. 12:38-43 D '80.
- Mohr, V. S., Laptev, M. M. - Rated power of the power components of transistorized current inverters. *Elektricheskoe* 39 no. 10:48-49 O '80.
- Novikova, S. B., Miroshnikov, M. M., Grigor'ev, V. H. - Use of analogies in the calculation of polarized converters. *Elektricheskoe* 39 no. 11:57-59 M '80.
- Nikol'skiy, V. V., Korotkiy, D. I., Kotik, I. P. - Calculation of the dissipation matrix of a waveguide transformer with ferrite. *Transverse magnetization. Radiotekh. i elektron.* 13 no. 12:2173-2175 D '80.
- Pogov, A. L. - Electromagnetic frequency converter for automatic hoisting installations. *Mash. i avtom. prov.* 22 no. 5:32-33 '80.
- Rosakov, E. V., Chikhaev, L. A., Golodov, G. M. - Single-phase nonsymmetrical partially controlled bridge rectifier circuit. *Izv. vuz. ucheb. zav.* no. 6:552-554 D '80.
- Ryvkin, A. L., Tsygakov, I. U. V. - Series of welding rectifiers with drooping characteristics. *Svar. prov.* no. 8:44-45 Ag '80.
- Shurin, V. M. - Determination of optimal parameters of automatic shaped current transformers. *Elek. sta.* 40 no. 1:84-88 Ja '80.
- Tikhon, S. A., and others. - Evaporational cooling of the solid power circuit of a three-phase silicon rectifier. *Izv. vuz. ucheb. zav.* no. 6:555-557 D '80.
- Vedenev, G. M. - Stabilization of the output voltage of static transistorized converters. *Elektricheskoe* 39 no. 10:24-28 O '80.
- Vitkin, I. A. A., Shchegolev, K. K. - Characteristics of the SO 71-4 type brushless synchronous motor. *Belekt. i elek. mash.* no. 6:123-125 '87.
- Volkov, L. I., Korotkiy, G. G., Barinov, A. A. - D. c. and a. c. stabilizers using Hall transducers and photovoltaic amplifiers. *Izv. vuz. ucheb. zav.* no. 6:558-560 D '80.
- Zagorodniy, V. T. - Rated power of the thyristors of direct power converters. *Elektricheskoe* 39 no. 10:27-31 O '80.
- Zil'fakharov, I. S. - Thermal stabilization of semiconductor converters by means of opposing switching-in of a nonlinear element. *Izv. vuz. ucheb. zav.* no. 6:561-563 D '80.
- 621.316 Transmission. Lines. Cables. Wiring, etc.
- Aleksandrov, M. V., Trobachev, S. G. - "Monolith"-type insulation for the stator windings of high-voltage generators. *Elektricheskoe* 39 no. 11:1-5 M '80.
- Astaf'ev, N. M., Kozlovskiy, A. L. - Damages of current-carrying lines during ice crust formation and high winds. *Elek. sta.* 40 no. 1:89-97 Ja '80.
- Balashov, A. M. - Control of semiconductor rectifiers using ferrite probe methods. *Avtom. kont. i reg. v kab. prom.* no. 3:10-15 '80.
- Balashov, A. M., and others. - Check of the straightness of metal sheathings of cables during their manufacture. *Avtom. kont. i reg. v kab. prom.* no. 3:15-18 '80.
- Balashov, A. M., and others. - Pneumatic control units for checking straightness of equipment during its manufacture. *Avtom. kont. i reg. v kab. prom.* no. 3:18-20 '80.
- Balashov, A. M., Shchegolev, I. A. - Results of experiments in controlling the aluminum sheathings of MKEA-10 cables using ferrite probe methods. *Avtom. kont. i reg. v kab. prom.* no. 3:16-20 '80.
- Baranov, V. A., Varenkov, V. I., Kozlov, G. P. - Method for the assembly of reinforced-concrete bases for reinforced-concrete towers of 25 kv electric power transmission lines. *Energ. stroi.* no. 11:54-57 '80.
- Baronovskiy, I. U. A., Zakharev, M. V., Samoylov, P. A. - RKT device for controlling radial thickness of the insulation of copper annealed wires with 6, 10 to 2.44 mm diameter. *Avtom. kont. i reg. v kab. prom.* no. 3:19-21 '80.
- Belikov, M. M., and others. - Study of overvoltages during start tests of the 400 kv. "Mir" electric power transmission system. *Elektricheskoe* no. 12:11-13 D '80.
- Belova, S. P., and others. - Automation of a system for deriving aluminum wire from a metal solution. *Avtom. kont. i reg. v kab. prom.* no. 3:176-179 '80.

- 174

621.32 (Continued)

- Podgorskiy, V. M., Chernets, A. M. - Use of reflecting prisms in a solid laser with a Kerr cell shutter. *Zhur. prikl. spekt.* 8 no. 6 131-134 Je '87.
- Rauden, S. G. - Some problems concerning the theory of gas lasers. *Trudy Fiz. inst.* 43' 3-15 '85.
- Romashov, O. B., Stepanov, K. L. - Breakdown of laser gases. *Zhur. prikl. spekt.* 8 no. 6 119-123 Je '87.
- Rybin, S. M., Salmasov, V. M., Laroshchinskii, L. D. - Thermal radiation of silicon induced by a laser beam. *Fiz. tver. tela* 10 no. 4 1023-1024 Ap '88.
- Savitskiy, A. E., Petrov, N. S., Lagina, A. S. - Combination of light beams of ruby and neodymium lasers in experiments on the mixture of frequencies. *Zhur. prikl. spekt.* no. 6 128-131 Je '87.
- Sukhov, A. F. - Electrodynamics of lasers with open resonators with inhomogeneous fillers. *Trudy Fiz. inst.* 41 161-168 '85.
- Zolotov, E. M., Prokhorov, A. M., Shipilov, G. P. - Optical generation mechanism of CaF_2 crystals. *Fiz. tver. tela* 10 no. 4 1071-1075 Ap '88.

621.33 Electric machines

- Dyadkov, A. L. - Determining regeneration currents in systems with boosters on the transmission lines of d.c. traction substations. *Trudy RIZHT* no. 71 98-103 '87.
- Cherepanov, K. G., Shpilov, A. I. - Results of the ERK electric train operation. *Khal. dor. transp.* 44 no. 9-10 8-12 '88.
- Dolgalov, V. A. - Automatic block system using parametric elements with a 90-degree phase difference in signals of adjacent block sectors. *Trudy RIZHT* no. 59 91-95 '87.
- Dolgopolskiy, B. S. - Determining admittance coefficients for physical modeling of electric motors. *Trudy RIZHT* no. 58 22-31 '87.
- Dolgopolskiy, B. S. - Optimal parameters of a traction excitation filter when increasing the voltage to 6.5 kV. *Trudy RIZHT* no. 59 27-31 '87.
- Dovganovskiy, N. P. - Calculation of circuits with alternating parameters by means of successive intervals. *Trudy RIZHT* no. 59 82-85 '87.
- Dovganovskiy, N. P., Kravtsov, M. L. - Designing a circuit with a capacitor inductance by means of the successive intervals method. *Trudy RIZHT* no. 59 87-90 '87.
- Figurov, K. P. - Effect of a load of an electric locomotive with static converters on the relay protection of transmission lines. *Trudy RIZHT* no. 71 87-91 '88.
- Figurov, K. P. - Minimizing the errors of balancer systems showing locations of damage in traction a.c. overhead networks. *Trudy RIZHT* no. 71 93-95 '87.
- Figurov, K. P., Kuzarkha, A. V., Kizits, V. P. - Oscillographic representation of transient processes in VL60 electric locomotives during short circuits in the overhead contact network. *Trudy RIZHT* no. 71 96-98 '87.
- Gerasimov, M. F. - Special features of electrodynamic forces in disc windings of small reactors. *Trudy RIZHT* no. 59 78-81 '87.
- Korolov, O. L. - Measuring average temperature of windings on three-phase electric machines by means of a single cycle additional load. *Trudy RIZHT* no. 59 43-46 '87.
- Korolov, O. L. - Measuring average temperatures of windings of single-phase electric machines by means of a single additional load and a divided capacitance. *Trudy RIZHT* no. 59 53-56 '87.
- Korolov, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of zero sequence filters. *Trudy RIZHT* no. 59 49-54 '87.
- Kularkha, A. V. - Graphical-analytical method for determining a nonconduction phase in a.c. electric locomotives. *Trudy RIZHT* no. 71 98-99 '87.
- Makarov, V. I., Chender, O. L. - Reliability of electric train auxiliary circuits. *Khal. dor. transp.* 44 no. 9-10 8-12 '88.
- Makarov, V. I., Gavrilov, G. M. - Features of the impulse discharge of a storage battery. *Elektrotekhnika* 30 no. 12 82-83 D '88.
- Pepinovich, V. V. - Investigation of contact devices of power transformers. *Trudy RIZHT* no. 60 73-77 '87.
- Pepinovich, V. V. - Calculating transient processes in a circuit with power transformers. *Trudy RIZHT* no. 60 83-87 '87.
- Pepinovich, V. V., Gerasimov, L. R. - Hydrodynamic investigations of power transformers. *Trudy RIZHT* no. 60 88-90 '87.
- Pepinovich, V. V., Popov, V. V. - Contact devices of power transformers. *Trudy RIZHT* no. 60 90-91 '87.
- Reis, L. V. - Spatial axis. *Trudy RIZHT* no. 60 91-92 '87.
- Valevskiy, B. E. - Study of the reliability of the traction equipment of VL-8 series electric locomotives. *Elektrotekhnika* 30 no. 11 43-44 M '88.

621.33(74)—Kuznetsov, S. S. R.

- Vinogradov, M. R. - Special features of investigations for purposes of engineering geology in the electrification of the Kazakhstan railroads. *Transp. stroit.* 16 no. 12 33-40 D '86.

621.33 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.

- Agar, L. A. - Distribution of polarization along the width of a porous electrode. *Elektrotekhnika* 30 no. 11 23-30 M '88.
- Albasov, K. B., Bondarenko, M. F., Globos, A. M. - Some aspects of the electrical reclamation of saline soils. *Short. treid. po agron. fiz.* no. 14 244-251 '87.
- Babitskiy, V. M., Strigala, A. A., Orlov, A. A. - Peculiarities of diamond-electroplated coatings. *Mashinostroitel'* no. 10 21-23 O '88.
- Balkin, B. P. - Methods and circuits for increased reliability of automatic reversible current units. *Mekh. i avtom. protv.* 22 no. 6 10-12 '86.

- Dzusebekov, B., Tsyganov, G. A. - Mechanisms of joint electrodepositon of nickel and tin from chloride-fluoride electrolytes. *Ukr. khim. zhurn.* 10 no. 4 445-450 '88.
- Gallikar, V. B., Savchenko, P. V., Kudry, O. K. - Electrodeposition of copper-nickel alloys from ammonium complex electrolytes. *Ukr. khim. zhurn.* 10 no. 11 1196-1199 '88.
- Gol'dfeld, M. K., and others. - Porous chrome plating as a way to increase the durability of steel parts. *Vest. mashinost.* 48 no. 12 14-18 D '88.
- Kobrin, M. M., Andreyev, V. P. - Efficiency of galvanneum-chemical treatment of steel. *Vest. mashinost.* 48 no. 12 13-15 D '88.
- Korik, J. F. - The "Waftek" electric dehydrator. *Mashinost.* 48 no. 9 84-85 '88.
- Krapiva, L. K., and others. - Study of ion concentration distribution in electroplating chamber of a dust collector. *Izv. vuz. mash. stroit.* 11 no. 11 1507-1508 '88.
- Laportskiy, E. A., and others. - Study of the storage of high-frequency impulses in electrochemical integrators. *Prib. i avtom. str.* no. 12 4-5 D '88.
- Mamontov, I. U., Mirzayev, I. U., Metropolitov, M. K. - Anticorrosive coating of electrostatic precipitators. *Tekhn. 24* no. 6 23 N-D '85.
- Mikhailova, I. A. - Calculation and adoption of inverted annular evaporation filters in cylindrical electroplating baths. *Za. tekhn. prog.* 8 no. 12 28-38 D '88.
- Makarov, V. I., Gavrilov, G. M. - Features of the impulse discharge of a storage battery. *Elektrotekhnika* 30 no. 12 82-83 D '88.
- Karabina, O. V. - Electrochemical treatment of metals. *Vest. mashinost.* 48 no. 11 80 M '88.
- Tsvetkov, S. P., Andreyev, O. V. - Effect of magnesium and calcium cations on the electrochemical process of recovering iodine and bromine from oil-well waters. *Aerob. khim. zhurn.* no. 3 28-30 '88.
- Valevskiy, B. E., Kuznetsov, S. S. - Effect of 1,4-butylenediol on texture and physicochemical properties of nickel electrodeposit. *Trudy AN LK, SSR, Ser. B* no. 3 22-30 '88.

621.34 Thermoelectricity. Electric heating

- Borovik, E. S., and others. - Device for the production and investigation of high-current long arcs of high pressure. *Tekhn. vuz. temp.* 8 no. 8 1134-1138 M-D '88.
- Galitskiy, A. L. - Heat treatment of reinforced-concrete products by the electric heating method. *Stroitel. mash. i avtom.* 11 no. 6 23-33 Ag '88.
- Kuznetsov, S. S. - Compensation of boundary effect on electrodes in magnetohydrodynamic energy converters. *Mag. gidr.* no. 3 103-104 Ap-Je '88.

621.37 Techniques of electric and electromagnetic waves, coefficients and phases

- Aderikhin, V. I., Zhigalov, G. P., Potemkin, V. V. - Study of the statistics of the phase in a thin-film parametric transducer pumping. *Radiotekh. i elektron.* 13 no. 12 2243-2245 D '88.
- Alshin, V. M. - Method for constructing functional voltage generators. *Avtomatika* no. 4 110-112 Ji-Ag '88.
- Alshin, V. M., Tikhonov, V. M. - Solution of a motion equation of a frictionless electromechanical oscillator. *Mekh. tver. tela* no. 3 41-43 My-Je '88.
- Averchuk, M. E., Vasilova, L. V. - Contribution to the theory of a two-belt axial line with longitudinally magnetized ferrite core. *Radiotekh. i elektron.* 13 no. 12 2246-2247 M '88.
- Balashov, V. I. - Acoustic noise and current saturation in CoFe. *Fiz. i tekhn. poluprov.* 3 no. 1 147-149 Je '88.
- Barinov, K. V. - Shock excitation of oscillations. *Tekhn. i tekhn. elektron.* no. 11 73-185 '88.
- Basharin, S. M. - Derivation of a signal copy with time scale change. *Radiotekh. i elektron.* 13 no. 12 2251-2253 M '88.
- Besarov, E. M., and others. - Short-term frequency stability of a laser operating on Rb-87 vapors. *Radiotekh. i elektron.* 13 no. 12 2257-2260 M '88.
- Basharin, A. P., and others. - Production of the visible image of recombination of a millimeter band. *Fiz. v red. Zhur. eksp. i teor. fiz.* 8 no. 8 1381-1383 B '88.
- Belykh, I. A. - Programmed multibeam distributor. *Avtomatika* no. 4 108-109 Ji-Ag '88.
- Bakhtevskiy, I. U., Bakhtevskiy, A. G. - Circuit of a quartz FM oscillator. *Elektrosvyaz'* 22 no. 11 70-78 M '88.
- Belova, E. P., Kuznetsov, S. S. - Automating unit of the temperature regulator of a casting unit for obtaining aluminum wires from a metal solution. *Avtom. i tekh. i reg. v mash. protv.* no. 3 187-191 '88.
- Belov, L. A. - Effect of automatic phase adjustment on the characteristics of transient processes in a tuned amplifier with random jumps in the phase of the input signal. *Elektrosvyaz'* 22 no. 11 78-18 M '88.
- Bellinskii, P., Kuznetsov, S. S. - High-speed multi-channel oscillator of analog signals using magnetic transformers. Pt. 1: General schematic of the summing-trans device. *Trudy AN LK, SSR, Ser. B* no. 3 183-189 '88.
- Bilalov, D. I., Keta, L. L., Malinin, L. V. - Reflection of the electromagnetic energy from semiconductor in the millimeter band of wavelength. *Fiz. i tekhn. poluprov.* 1 no. 1 44-47 Ja '88.
- Bilalov, D. I., Keta, L. L. - Regular connections of active four-terminal networks. *Elektrosvyaz'* 22 no. 9 41-43 B '88.
- Bolshakov, V. I., Potapova, I. V. - Methods for increasing volume gain in the calculation of a hologram. *Radiotekh. i elektron.* 13 no. 12 2264-2271 M '88.
- Bogdanov, V. V., and others. - Microwave absorption by free carriers in barium titanate. *Fiz. tver. tela* 10 no. 12 2344-2349 D '88.
- Bogdanov, V. V. - Pulse direction modulators. *Izv. vuz. mash. stroit. i elektronika* no. 11 143-144 D '88.

- Borisenko, V. D., Levechenko, M. A., Likhachev, R. I. - Selection of electrical parameters in the construction of complex switching circuits using multi-electron semiconductor structures. *Trudy fiz. i tekhn. elektron. i obr. daz. apr. i term.* no. 1 73-80 '88.
- Borisenko, V. D., Likhachev, R. I. - Design of a laser using field-effect transistors. *Trudy fiz. i tekhn. elektron. i obr. daz. apr. i term.* no. 1 81-88 '88.
- Borisenko, M. I. - High-frequency transistors using circuits. *Prib. i avtom. str.* no. 8 81-87 '87.
- Dymovskiy, I. D., Polak, M. K. - Storage-type code using ferrite cores. *Prib. i avtom. str.* no. 8 88-91 '87.
- Dymovskiy, V. F. - Gate control of a low-frequency transistor amplifier by additional variable conductances. *Elektrosvyaz'* 22 no. 9 44-45 B '88.
- Chudnov, A. P. - Pulse circuits of frequency detectors for ferrite and transistor units. *Vest. vuz. 22* no. 2 3-8 Ji '88.
- Danilov, V. G., Orlov, A. P. - Electrostatic capacitor with small time constant. *Izv. vuz. mash. stroit.* 11 no. 11 1509-1511 '88.
- Davydov, A. B., Pomortinov, R. V. - Double refraction of dichroism of superhigh frequency waves by hot electrons in n-Ga and n-In. *Fiz. tver. tela* 10 no. 4 1044-1045 Ap '88.
- Davydov, P. B., Ushakov, G. A. - Measurement of the accumulation of quasiparticle RF pulse sequences by comb filters. *Tekhn. i tekhn. elektron.* no. 11 184-185 M '88.
- Deringin, J. A., Kuznetsov, S. S., Ruzhkov, V. I. - Effect of the wall of a waveguide on transverse modes and in a ferrite sphere. *Radiotekh. i elektron.* 13 no. 12 2272-2273 M '88.
- Derzhin, L. A., Ryzhikov, V. I., Keta, L. L. - Studying the influence of the skin effect on the operation of adjustable waveguide attenuators. *Fiz. i tekhn. poluprov.* 3 no. 1 178-183 Je '88.
- Diaschenko, A. A., Shomponov, O. K. - Use of integrals in the analysis of wave beams in quasiperiodic structures. *Radiotekh. i elektron.* 13 no. 12 2274-2275 M '88.
- Kuznetsov, S. S., Likhachev, R. I. - Analysis of the recording of a pulse modulated signal and the recovery of a modulated signal with continuous carrier. *Elektrosvyaz'* 22 no. 9 49-50 B '88.
- Kuznetsov, S. S. - Reliability of the mode of operation of a delayed parametric generator. *Radiotekh. i elektron.* 13 no. 12 2276-2277 Ji '88.
- Figurov, K. P. - Transistorized networks for shape comparison. *Trudy RIZHT* no. 71 98-103 '87.
- Gerasimov, K. M. - Transformation of electromagnetic and hyperonid waves in photocrystals. *Fiz. tver. tela* 10 no. 4 1046-1047 Ap '88.
- Gerasimov, K. M. - Propagation of active (filaments). *Radiotekh. i elektron.* 13 no. 12 2278-2279 M '88.
- Gurber, I. B. - Synthesis of RC circuits with distributed parameters. *Radiotekh. i elektron.* 13 no. 12 2280-2281 D '88.
- Gusakov, N. S., Lapshin, V. M., Kuznetsov, S. S. - Prospect for reducing the noise factor of an electron parametric amplifier. *Radiotekh. i elektron.* 13 no. 12 2282-2283 M '88.
- Gusakov, N. S., Kuznetsov, S. S. - Noise factor of two multiterminal network couplings. *Radiotekh. i elektron.* 13 no. 12 2284-2285 M '88.
- Gusakov, V. P., Tsvetkov, G. P. - Physical modeling of the use in studying autoperiodic oscillations in electrical circuits with steel. *Doklady Akad. Nauk SSSR* 181-182 '87.
- Gavrilov, G. M. - Effect of absorption on the fluctuation of the level of a signal propagating in the atmosphere. *Radiotekh. i elektron.* 13 no. 12 2286-2287 M '88.
- Kuznetsov, S. S. - Special features of the design of magnetic circuits of a m. f. i. m. generators. *Trudy TPI Ser. A* no. 26 23-28 '87.
- Gavrilov, G. M., Pavlov, M. G., Pavlov, M. G. - Studying the operation of a flame-ionization detector for gas chromatography. *Izv. vuz. mash. stroit. i elektronika* no. 10 104-105 '88.
- Kuznetsov, S. S. - Phenomena of polarization phase resonance turn in a round waveguide with a ferrite resonator. *Radiotekh. i elektron.* 13 no. 12 2288-2289 M '88.
- Kuznetsov, S. S., Kuznetsov, S. S. - Marginal network of a functional converter. *Trudy Ser. Mekh. i avtom. str. i tekhn. i reg. v mash. protv.* no. 1 33-44 '88.
- Kuznetsov, S. S., Maslov, V. V. - Synthesis of hybrid junction. *Elektrosvyaz'* 22 no. 9 51-52 B '88.
- Kuznetsov, S. S., Maslov, V. V. - Design of a ring counter using four-layer switching diodes. *Prib. i avtom. str.* no. 8 92-94 '87.
- Kuznetsov, S. S. - Modulators of the output signal of an electric discharge converter. *Izv. vuz. mash. stroit. i elektronika* no. 10 106-107 '88.
- Kuznetsov, S. S., Maslov, V. V. - Modulation of electric radio waves in a solid plasma in the presence of super-volt-ampere characteristics. *Fiz. tver. tela* 10 no. 4 1048-1049 Ap '88.
- Kuznetsov, S. S., Maslov, V. V. - Method for the design of collimator lenses. *Radiotekh. i elektron.* 13 no. 12 2290-2291 Ji '88.
- Kuznetsov, S. S. - Calculation of the parameters of phase-difference networks. *Elektrosvyaz'* 22 no. 9 53-54 B '88.
- Kuznetsov, S. S., Kuznetsov, S. S. - Synthesis of high-frequency subharmonic circuit using discrete elements. *Prib. i avtom. str.* no. 8 95-98 '87.
- Kuznetsov, S. S. - Analysis of a two-frequency resonant parametric amplifier using distributed elements. *Radiotekh. i elektron.* 13 no. 12 2292-2293 M '88.
- Kozlov, A. P., Mikhailov, G. A. - Designing of quaternary logic. *Trudy Ser. Mekh. i avtom. str. i tekhn. i reg. v mash. protv.* no. 1 45-46 '88.
- Kuznetsov, S. S., Maslov, V. V., Trofimov, I. V. - Quadrature phase quadrature of weak signals. *Vest. vuz. Ser. B: Fiz. i avtom.* 22 no. 8 77-78 M '88.

621.37 (Continued)

- Kononov, I.D., and others. - Effect of longitudinal magnetic field on generation in ionized argon. *Radiotekhnika i elektronika*, 13 no. 12:2280-2282 D '68.
- Kontorovich, M.I., Rogozin, V.V. - Some forms of the solution of a problem on the field of a rectangular cavity resonator. *Radiotekhnika i elektronika*, 13 no. 12:2279-2282 D '68.
- Kostychev, I.U., G. - Calculation of the constants of propagation of waveguides with gyrotropic filling. *Radiotekhnika i elektronika*, 13 no. 12:2263-2266 M '68.
- Kryzhanovskiy, G.V., Talya, G.G., Folia, K.G. - Some characteristics of helium-neon laser with a crystal code relay inside the resonator. *Izv. SO AN SSSR*, no. 3:127-131 P '68.
- Krylov, I.I. - Dependence of the magnitude and direction of an impulse on the angle of incidence of intense electromagnetic radiation. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Kufner, E.L., Lankin, V.E. - Isotaxis demodulator for low-frequency signals with random modulation. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Kulikovskiy, K.L., Rostan, Zade, O.P. - Method for compensating the mechanical moment of the structure of the sensitive element of a galvanometric amplifier. *Avtomatika*, no. 4:113-115 (1-A) '68.
- Kurayev, V.M. - Equivalent circuits and parameters of solid ferromagnetic conductors during sudden magnetization of the surface effect. *Beobk. elekt. mash.*, no. 6:27-34 '67.
- Kurayev, V.P. - Standardization of errors of measuring amplifiers. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Landa, P.B., Larionov, E.G., Chernobrovkin, G.A. - Study of some properties of a ring laser using electronic modeling. *Radiotekhnika i elektronika*, 13 no. 12:2253-2255 M '68.
- Lapshin, L.M., Kharanovich, G.I. - Electrochemical electrode-integrator. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Lavril, A.V. - Action of a coherent impulse signal and noise on a two-channel time discriminator. *Teor. i ekspr. radiofizika*, no. 1:119-126 '68.
- Litvinchuk, M.L., Borisenko, V.D. - Algorithm and program for statistical simulation of a universal logical element using field-effect transistors. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Livshits, V.M., Tamasov, A.I. - Determination of rated current in the selection of transformer power by the wear of insulation with given random load graph. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Logashov, V.A., and others. - Characteristics of a mass in a magnetic field. *Radiotekhnika i elektronika*, 13 no. 12:2211-2218 M '68.
- Lorenz, I.U. - Principal problems of a single-phase frequency converter using thyristors. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- L'vovskiy, A.A. - Method for analyzing the selectivity of nonlinear circuits of communication apparatus. *Elektronika*, 22 no. 8:12-21 S '68.
- Makrynskoy, V.G. - Use of the diffraction effect in controlling the straightness of metal pipes and cable sheathings. *Avion. konstr. i reg. v. kabin. prom.*, no. 3: 65-69 '68.
- Makrynskoy, L.M. - Extraction of a current carrying filament over an anisotropically conductive plane in a Hall waveguide. *Radiotekhnika i elektronika*, 13 no. 12:2290-2293 M '68.
- Mokhov, V.D., Baidin, V.H. - Repair of instrument pulse generators. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Mutler, V.M. - Calculation of error of star-shaped voltage dividers. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Nagorniy, I.A., Efremov, V.M., Krasovskiy, G.L. - Anomalous electrical analog model for solving a diffusion equation using the Lieberman method. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Nekrasov, M.M., Bogdan, G.L. - Nonlinear negative impedances based on thin dielectric films in oscillator circuits. *Polypr. tekhn. i mikroelek.*, no. 2:89-94 '67.
- Nikol'skoy, M.S. - Converter of a-type conductivity with internal compensation of parasitic effects. *Radiotekhnika i elektronika*, 13 no. 12:2244-2248 D '68.
- Nikol'skoy, I.V., Zaslavin, E.A., Kholov, M.M. - Electro-optical effect in GaAs crystals at $\lambda = 10.8 \mu\text{m}$. *Radiotekhnika i elektronika*, 13 no. 12:2248-2250 D '68.
- Nikol'skoy, V.V., Kuznetsov, D.I., Kozik, I.P. - Calculation of the dissipation matrix of a waveguide transformer with ferrite. *Radiotekhnika i elektronika*, 13 no. 12:2273-2278 D '68.
- Panayev, V.I., Pleschinskiy, V.M. - Analysis of tolerances in the transmission factor of a transistor amplifier with multi-loop feedback. *Polypr. tekhn. i mikroelek.*, no. 2: 84-107 '67.
- Pavlovskiy, N.A., Korotkov, V.P. - High-resistance tube amplifier for cooled semiconductor bolometers. *Opt. i tekhn. prom.*, no. 6:22-33 S '68.
- Perashinskiy, V.A. - Continuous digital integrator using ferrite-transistor elements. *Prib. i sist. upr.*, no. 12: 44-49 D '68.
- Pervinskoy, V.A., and others. - Multifunctional device based on a pulse-width modulator. *Prib. i sist. upr.*, no. 12:49-59 D '68.
- Petrov, A.M., Tolmach, P.M. - Stability criterion for the coefficient of photoelectric cell amplifier in a single electron measuring system. *Zhur. prikl. spekt.*, 13 no. 1:178-179 JI '68.
- Piklov, O. - Synchronous and asynchronous relay conversion of a pulse-frequency signal. *Trudy TPI Ser. A*, no. 252:103-114 '67.
- Piklov, A.A. - Optimal keying speed and carrying capacity of time and frequency disturbed communication channels. *Elektronika*, 22 no. 10:1-4 M '68.
- Polynova, E.M. - Connection of Galerkin-Ritz equations for volumetric and two-dimensional formulations of a problem on free waves of a waveguide. *Radiotekhnika i elektronika*, 13 no. 12:2242-2244 D '68.
- Prokhorovskiy, V.A. - Metallo-optical wave guide. *Zhur. tekhn. fiz.*, 38 no. 6:1036-1043 Ja '68.

- Pugachev, V.A. - Magnetic field of a toothed air gap. *Beobk. elekt. mash.*, no. 6:26-33 '67.
- Rohatkin, P.V., Shtromova, N.A. - Calculation of the radiation power of many-photon gaseous frequency multiplier. *Vest. Mosk. univ. Ser. 3 Fiz., astronom.*, 23 no. 6:34-48 M-D '68.
- Rudakovskiy, G. - Parameters of a bridge circuit for thermal stabilization of a transverse field amplidyne. *Trudy TPI Ser. A*, no. 252:103-114 '67.
- Seda, V.A., Taganov, R.Kh., Savostina, T.D. - Determination of the field of waveguides with random cross section using models with a quasistatic field. *Radiotekhnika i elektronika*, 13 no. 12:2232-2234 M '68.
- Sedukhin, R.M. - Integral equation for the synthesis of signals according to functions of indeterminacy. *Radiotekhnika i elektronika*, 13 no. 12:2278-2280 M '68.
- Shchelikhov, A.V. - Refraction of electromagnetic waves in the earth's atmosphere with presence of laminated nonhomogeneities. *Radiotekhnika i elektronika*, 13 no. 12: 2215-2221 D '68.
- Shchegolev, I.A. - Utilization of the special features of transients in the protection of quantum paramagnetic amplifiers in pulsed radar stations. *Radiotekhnika i elektronika*, 13 no. 12:2288-2298 M '68.
- Shchegolev, G.K. - Diode indicators of extreme signals. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Shchegolev, V.P., and others. - Conversion of a digital code to a proportional current. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Shchegolev, A.A. - Effect of the earth on the correlation of signals in diversity reception of ultrashort waves. *Elektronika*, 22 no. 10:1-4 M '68.
- Shchegolev, O.K. - Quasistatic transmission line from nonlinear components. *Radiotekhnika i elektronika*, 13 no. 12: 2256-2262 M '68.
- Shchegolev, V.I.A. - Calculation of a two-sign two-valued sector section of the dispersion characteristics of a rod waveguide with a dielectric rod. *Radiotekhnika i elektronika*, 13 no. 12:2268-2272 M '68.
- Shchegolev, O.V., Likhachev, K.K. - Stability of processes in a parametric oscillator with acoustic boundary conditions. *Vest. Mosk. univ. Ser. 3 Fiz., astronom.*, 23 no. 6:34-48 M-D '68.
- Tamun, R. - Analysis of wideband low-noise amplifier circuits. *Trudy TPI Ser. A*, no. 252:103-114 '67.
- Tarasov, A.M. - Device for converting analog deviations in resistance to a digital code. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Tarashkevich, A.M. - Use of the amplitude modulation of the synchronization signal of generators for converting the parameters of electrical circuits to a time interval. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Tarasov, F.I., Shaliev, S.D. - Improvement of magnetic circuit manufacturing processes. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Tarasov, M. - Power stabilization of a high-frequency electron-tube oscillator. *Trudy TPI Ser. A*, no. 252: 87-78 '67.
- Teplinskoy, V.A., Slepakov, V.H. - Study of an H-resonator. *Radiotekhnika i elektronika*, 13 no. 12:2298-2300 M '68.
- Tikhonov, V.I. - Interference rejection of optimal methods for the reception of amplitude modulated radio signals. *Elektronika*, 22 no. 10:1-4 M '68.
- Yakovlev, A.G. - Improvement of the operation of extreme voltage indicators. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Yakovlev, I.U. - Dividing and multiplying device using astrophotocathode signals. *Prib. i sist. upr.*, no. 6: 14-18 S '67.
- Yakovlev, R.A., and others. - Study of Gm-mu detector band-pass generators. *Radiotekhnika i elektronika*, 13 no. 12: 2293-2297 D '68.
- Yakovlevskiy, A.P., Kalfman, A.A. - Decade summing with phase representation of numbers. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Yakovlev, E.A. - Analysis of an analog balance circuit of a frequency converter. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Yakovlev, E.A. - Method for analyzing a passive low-order frequency multiplier. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Yakovlev, I.I., Kuznetsov, G.G., Baranov, A.A. - D, a, and a, stabilizers during Hall transducers and photovoltaic amplifiers. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Yakovlev, M.T. - Nonlinear converter circuits using silicon stabilizers. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Zhigal'skiy, G.P., Poterakin, V.V. - Photoemission in a thin-film parametron with transverse pumping. *Radiotekhnika i elektronika*, 13 no. 12:2270-2271 D '68.

621.38 Electronics

- Laportskiy, E.A., and others. - Study of the storage of high-frequency impulses in electrochemical integrators. *Prib. i sist. upr.*, no. 12:4-9 D '68.
- Rogozin, I.I. - Main trends of microelectronics. *Geofiz. zap.*, no. 27:113-120 '68.
- 621.383 Semiconductor devices
- Amalnikov, S.D., Amalnikov, I.U. - Selection of diode pairs for a synchronous detector. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Arzov, D.A., Kotor, I.A. - Studying the frequency of p-n-n junctions with uniform distribution of the stationary concentration of current carriers in the base. *Fiz. i tekhn. poluprov.*, 3 no. 1:78-83 Ja '68.
- Balsh, G.M. - Analysis of complex semiconductor structures with p-n junctions. *Radiotekhnika i elektronika*, 13 no. 12:2210-2214 M '68.
- Baranov, I.U. - and others. - Device for digital indication of the relative speed of two rotating shafts. *Prib. i sist. upr.*, no. 9:160 S '67.

- Bodoh-Braevskiy, V.L., Goltsev, I.U. - Volt-ampere characteristics of a semiconductor in the audio-frequency regime and the acoustic domain. *Fiz. i tekhn. poluprov.*, 3 no. 1:18-21 Ja '68.
- Borovkov, M.I. - High-frequency transistor trigger circuits. *Prib. i sist. upr.*, no. 9:160 S '67.
- Dar'skiy, V.P., Medvedev, I.V. - Calculation of the kinetics of thermal processes for the determination of technological prospects for microtransistor electron-beam working of semiconductor devices. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Derkach, V.P., Shchegolev, S.L. - Kinetics of the processes of local electron-beam alloying of semiconductor devices. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Olshanskii, L.I., Tarashkevich, A.S., Adreashko, M.L. - Spectrum of low-frequency noise in electron-hole junctions. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Groffe, A.M. - Phenomena of delay of the leading front of an impulse in a double-base diode. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Gusev, V.M., Gusev, M.I., Tyshchenko, V.A. - Microthin silicon diodes obtained by means of ion beams. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Kharin, V. - Special features of the design of magnetic circuits of a n.f. Hall generators. *Trudy TPI Ser. A*, no. 252:103-114 '67.
- Lavril, B.A., Popovskiy, I.M. - Electrical properties of barium titanate crystals. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Karpov, I.U., Kharin, V., Panyukov, V.V. - Electrical fluctuations in low-power varistors. *Izv. vuzov, radiofizika*, 11 no. 1:11-18 '68.
- Kukh, A.P., Bratishkov, A.I. - Design of a ring oscillator using four-layer reflecting diodes. *Prib. i sist. upr.*, no. 9:160 S '67.
- Klatchevskiy, L.I., Goltsev, M.Z. - Microdiode matrices. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Konarov, V.V. - Operation of a saturated transistor with a pulsed load current. *Elektronika*, 22 no. 10:30-41 O '68.
- Kurochkin, V.A., Tsydenovskiy, A.A. - Transfer of charge carriers in a narrow base region of a thyristor. *Vest. Mosk. univ. Ser. 3 Fiz., astronom.*, 23 no. 6:34-48 M-D '68.
- Makrynskoy, V.M., and others. - Silicon microdiode matrices. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Mordvinov, M.M., Trifilov, V.M. - Transistorized time relay without condensers. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Mekrasov, M.M., Baklanov, A.V. - Control of the density of the surface charge of thermally oxidized silicon by the polarization of an oxide film. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Mekrasov, M.M., Bogdan, G.L. - Nonlinear negative impedances based on thin dielectric films in oscillator circuits. *Polypr. tekhn. i mikroelek.*, no. 2:89-94 '67.
- Mekrasov, M.M., Gusev, V.A. - Rational choice of initial material for basic crystals of solid state circuits realized by planary means. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Nikol'skoy, M.S. - Converter of a-type conductivity with internal compensation of parasitic effects. *Radiotekhnika i elektronika*, 13 no. 12:2244-2248 D '68.
- Ostapenko, I.U., Panayev, I.U. - Effect of the boundary creep of the domains of the magnetic characteristics of films and field parameters in the direction of hard magnetization on a threshold field. *Trudy Sem. Tekhn. sredstv. sist. obr. dan.*, 11 no. 1:70-77 '68.
- Prokhorov, M.D., Shchegolev, M.A. - Measurement of the speed of recombination on n-p-n type anisotropic contacts. *Polypr. tekhn. i mikroelek.*, no. 2: 80-83 '67.
- Prokhorov, M.D., Shchegolev, M.A. - Transient processes during forward and reverse connection of p-n-p-n junctions. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Shchegolev, V.S., Romanov, A.A. - Conductivity through impurities at low temperatures. *Fiz. i tekhn. poluprov.*, 3 no. 1:78-83 Ja '68.
- Shchegolev, G.V. - Volt-ampere characteristics of a p-n-n junction with special reference to the lifetime variations of charge carriers in the base region. *Fiz. i tekhn. poluprov.*, 3 no. 1:78-83 Ja '68.
- Shchegolev, D.I., Shchegolev, V.L. - Determination of the volt-ampere characteristics of a semiconductor diode with a small contact area. *Polypr. tekhn. i mikroelek.*, no. 2: 38-43 '67.
- Shchegolev, A.V., Tarashkevich, A.S. - Effect of the diffusion of the carriers in the base region of semiconductor devices on the spectral density of the noise current. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Shchegolev, L.A., and others. - Investigation of germanium p-n junction breakdown in a superhigh-frequency electric field. *Fiz. i tekhn. poluprov.*, 3 no. 1:78-83 Ja '68.
- Shchegolev, V.L. - Effect of surface states on the straight branch of the volt-ampere characteristics of a metal-semiconductor junction (case of high injection levels). *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Shchegolev, V.L. - Equivalent circuit of a metal-semiconductor contact taking into account the surface condition. *Polypr. tekhn. i mikroelek.*, no. 2:84-87 '67.
- Vorobeyev, M.T. - Nonlinear converter circuits using silicon stabilizers. *Priborostroyeniye*, no. 8:7-9 Ag '68.
- Zhigal'skiy, G.P., and others. - Use of the thermally stimulated parameter (discharge) method in determining trap parameters. *Fiz. i tekhn. poluprov.*, 3 no. 1:78-83 Ja '68.

621.383 Photoelectric tubes, cells, image converters

- Davletov, M.M., Shchegolev, V.V. - Photoelectric detector with a virtual cathode. *Radiotekhnika i elektronika*, 13 no. 12:2217-2222 D '68.

621.343 (Continued)

Elizavitskaya, A. S., and others. - Calculating the direction finding characteristics of an optoelectronic positioner. *Opt.-mekh.prom.* no. 6:14-15 Je '82.

Gorbatyuk, S. M., and others. - Effect of electron bombardment of some parameters of silicon photocell. *Fiz. i tekhn. poluprov.* 3 no. 1:100-102 Ja '82.

Wright, P. K. - Selective receiver of radiation based on the photovoltaic effect of cadmium telluride. *Radiotekh. i elektron.* 13 no. 11:2104 N '82.

Longinov, V. V. - Determining the concentration of suspended sand in the coastal zone during rough seas by means of the photoelectric method. *Trudy SSSR. Mor. NIIProekt.* no. 20:82-92 '82.

Rudnik, A. I., Gaiduchenko, N. I., Komarova, Zh. I. - Photoelectric positioner. *Prib. i sist. upr.* no. 9:42-43 N '82.

621.384 Production of active rays, corpuscular beams

Abulov, I. A., Belikov, V. S., Tsvet, A. I. - Ion-electron emission, formation, and spreading of radiation defects in the case of potassium bombardment by resonant ions. *Fiz. tsvet. l. 10* no. 12:2724-2728 D '82.

Alkhimov, A. I. - Electron accelerator of 6 billion electron volts. *Priroda* no. 11:7-15 '82.

Adonov, V. N., and others. - Kinematic model of a relativistic strong focusing cyclotron. *Atom. energ.* 55 no. 6:533-541 D '82.

Artemenko, M. I., Kuznetsov, V. S. - Calculation of plane focusing of intense ion bunches. *Atom. energ.* 55 no. 6:510-521 D '82.

Brodnikov, V. L. - Change in the overlap system in the 18-1503 mass-spectrometer. *Dokl. TSKHA* no. 132:461-463 '82.

Dayton, V. S., Markin, V. A. - Radiative response of narrow-band photoreceiver - amplifier systems with feedback stabilization. *Opt.-mekh.prom.* 30 no. 9:14-15 N '82.

Derkach, V. P., Medvedev, L. V. - Calculation of the kinetics of thermal processes for the determination of technological prospects for microminiature electron-beam working of semiconductors. *Trudy Sem. "Fiz.-tehnol. vop.kh."* no. 3:53-73 '82.

Derkach, V. P., Sidorenko, S. L. - Kinetics of the processes of local electron-beam alloying of semiconductors. *Trudy Sem. "Fiz.-tehnol. vop.kh."* no. 3:26-33 '82.

Gall, L. N., and others. - Ion-optical system with strong focusing for the ion source of a mass spectrometer. *Zhur. tekhn. fiz.* 58 no. 8:1643-1647 Je '82.

Gall, L. N., Gall, R. N., Stupnova, M. S. - Ion-optical system with strong focusing for the ion source of a mass spectrometer. Part I. Quasiparallel beam forming. *Zhur. tekhn. fiz.* 58 no. 8:1643-1647 Je '82.

Gorbatyuk, A. E., and others. - Use of the ion bombardment method for the preparation of thin layers of compound semiconductors. *Fiz. i tekhn. poluprov.* 3 no. 1:139-147 Ja '82.

Orlov, V. K. - Radiation in linear systems with transverse focusing. *Vest. Mosk. un. Ser. 3: Fiz., astronom.* 23 no. 8:106-107 N-D '82.

Kabanov, A. M., Volfson, L. I. - Use of an electron beam in the machining of materials. *Trudy Sem. "Fiz.-tehnol. vop.kh."* no. 3:23-24 '82.

Kozlov, V. P., Pistrick, V. M., Fogel, I. A. M. - Usability of the secondary ion-beam emission in the study of volume processes in solids. *Fiz. tsvet. l. 10* no. 13:2713-2715 D '82.

Malik, N. P., and others. - Electron-beam detectors with CdS single-crystal base. *Polygr. tekhn. i elektron.* no. 2:3-13 '82.

Vokresenskii, G. V., Bernitskiy, I. U. M. - Development of transverse instability of an electron beam in a linear amplifier. *Atom. energ.* 55 no. 6:507-513 D '82.

Zakharov, O. K., Ivashov, D. P., Korobovskiy, I. U. S. - Studying a nonstationary current in an electron beam. *Zhur. tekhn. fiz.* 58 no. 8:1667-1668 Je '82.

Zolotov, L. A., Kabanov, A. M. - Features of off-axis ionization electron-beams in vacuum oscillators with thin metal films. *Trudy Sem. "Fiz.-tehnol. vop.kh."* no. 3:23-27 '82.

621.385 Electronic discharge tubes

Amosov, I. U. A., Kalinin, V. P., Sargayev, V. V. - Parallel coupling of pulse resonant tubes. *Opt.-mekh.prom.* no. 6:10-13 Je '82.

Vilimov, G. F., Babitskiy, I. U. M., Galaktionov, S. V. - Influence of the laminar effect on the operation of a traveling-wave tube. *Radiotekh. i elektron.* 13 no. 11:2086-2090 N '82.

Ovchinnikov, R. S., and others. - Observation of plane-electric fields in a stroboscopic electron mirror microscope. *Radiotekh. i elektron.* 13 no. 12:2375-2377 D '82.

Kozlov, V. F., Lashchikov, G. A. - Prospects for increasing the efficiency of (H₂)₂-type thermal diodes. *Radiotekh. i elektron.* 13 no. 12:2371-2373 D '82.

Elizavitskaya, A. S. - Converter of a-type conductivity with internal compensation of parasitic effects. *Radiotekh. i elektron.* 13 no. 12:2364-2366 N '82.

Pikus, G. I., Shadrin, V. F. - Effect of small-dispersion additions of some metals on the physical and chemical emission characteristics of oxide cathodes. *Radiotekh. i elektron.* 13 no. 12:2373-2375 D '82.

Pomayev, L. A. - Grouping of electrons in a nonuniform drift field. *Radiotekh. i elektron.* 13 no. 12:2363-2365 N '82.

Protasov, V. V., Fedorov, A. L. - Positional control devices using MIPBPr-34 and LPr-43 instruments. *Prib. i sist. upr.* no. 9:42 N '82.

Sabotol, G. S., Filimonov, V. I. - Modeling of processes in superhigh-frequency tubes. *Trudy LPI* no. 181:67-68 '82.

Sedov, N. M., and others. - Quantitative studies of electrical and magnetic microfields in raster electron microscopy. *Radiotekh. i elektron.* 13 no. 12:2375-2378 D '82.

Salmer, V. S. - Preferred magnifying series in microscopy and microelectroscopy. *Stand. i kach.* 33 no. 11:17-18 N '82.

Vershinskiy, A. M. - Determination of the correlational function of parametric noises in diode and superheterodyne chambers. *Radiotekh. i elektron.* 13 no. 12:2377-2380 D '82.

Vlasov, A. D. - Dispersion dependence in the nonlinear theory of space charge waves. *Radiotekh. i elektron.* 13 no. 12:2356-2358 D '82.

621.386 X-ray tubes and accessories

Morozov, B. D. - Flange coupling dimensions of microwave devices. *Stand. i kach.* 33 no. 11:29-30 N '82.

Skryabinskiy, A. P., Dorosh, A. K. - X-ray camera for the investigation of liquids. *Vysok. Kiv. no. Ser. fiz. i khim.* no. 8:73-74 '82.

621.387 Gas-filled tubes, vacuum, thyristors

Isakov, E. F., Nikolaev, G. M. - Direct current plasmatron for the heating of argon with an admixture of potassium. *Tekhn. vyz. temp.* 6 no. 6:1143-1144 N-D '82.

Katavalov, A. A., Alkhov, S. A. - Use of oscillation counter in recording the intensity of X-ray diffraction scattering. *Zav. lab.* 33 no. 9:1143 '82.

Zemakov, B. G. and others. - Use of CaO(Na) crystals in nuclear gamma-ray spectrometers. *Izv. tsikh. no. 10:43-43 O '82.*

621.388 Other electronic apparatus

Kalashnikov, A. - KPA-AI control and testing apparatus. *Av. i kosm.* no. 12:66-67 D '82.

621.39 Telecommunications

Fulfillment of collective agreement obligations should be placed under monitoring control. *Vest. svyazi* 25 no. 12:18 D '82.

Fursov, V. A. - Industrial aesthetics should be brought to telecommunications enterprises. *Vest. svyazi* 25 no. 12:16-18 D '82.

Gross covered during the past seven years) report on the "Electric communication" exhibition. *Vest. svyazi* 25 no. 12:30-31 Je '82.

Introduction of the computer technology in the telecommunication field should be speeded up. *Vest. svyazi* 25 no. 12:30-31 D '82.

Khariton, I. M. - One of the methods of constructing uncontrolled repeater stations on unstable soils. *Vest. svyazi* 25 no. 12:30 D '82.

Kozlov, V. K. - Every effort should be made to carry out the decisions of the 13th congress of the CPSU. *Vest. svyazi* 25 no. 12:3-5 Je '82.

Ozina, M. V. - Every collective of telecommunication workers should strive for the creation of an enterprise fund. *Vest. svyazi* 25 no. 12:18-21 D '82.

Scientific and technical progress in the telecommunication industry should be speeded up. *Vest. svyazi* 25 no. 12:3-5 Je '82.

[Telecommunication] Ref. zhurn. [Elektronnyi] no. 1 '82. A worthy welcome should be given the 13th Congress of the CPSU. *Vest. svyazi* 25 no. 12:3-5 D '82.

621.39(471.310)—Moscow City
Isakov, E. F. - For the population of the capital. *Vest. svyazi* 25 no. 12:18-20 Je '82.

621.39(471.326)—Belgorod Province
Sedov, N. V. - Office of economic analysis based on public participation. *Vest. svyazi* 25 no. 12:28-29 Je '82.

621.39(477)—Mokhovskiy S. S. R.
For increasing the profit and economic efficiency of the Mokhovskiy telecommunication industry. *Vest. svyazi* 25 no. 12:18-19 D '82.

621.39(477.2)—Kirovskiy S. S. R.
Kalinin, E. L. - Capital assets of electric telecommunication enterprises should be used more efficiently. *Vest. svyazi* 25 no. 12:27-28 Je '82.

621.394 General electrical (communication) problems
Borovskiy, M. A., Ushakov, D. V. - Comparative evaluation of some methods for selecting signals in adaptive cognitive systems. *Trudy LPI* no. 131:130-133 '82.

Bykovskiy, I. A. L., and others. - Experimental study of high-frequency parameters of a 780 kv. power transmission line. *Elektricheskoye* no. 12:9-18 D '82.

DraBriechko, A. M., Korotkiy, V. A. - Characteristics of the detection of a coherent peak of impulses with a random initial phase in the background of Gaussian noise with unknown intensity. *Radiotekh. i elektron.* 13 no. 12:2345-2348 D '82.

Mikhailov, B. M. - Study of mutual correlation of speech signals. *Trudy LPI* no. 131:134-140 '82.

Oganesyan, G. A. - Registration of information in the form of field representations using a receptor field method. *Sob. AN Gruz. SSR* no. 3:677-680 N '82.

Goranskii, G. K. - Formal method for the solution of dimensional circuits of structures in submillimeter. *Vysk. tekhn. v. 10* no. 11:67-108 '82.

Garvich, A. S. - Effect of absorption on the detection of the level of a signal propagating in the atmosphere. *Radiotekh. i elektron.* 13 no. 12:2363-2366 N '82.

Kargerinskiy, I. U. S., Kolesov, V. M., Isakov, G. I. - Increasing the interference rejection of a vector of a wireless electric communication channel with well bottom. *Izv. vyz. uchab. zav. i nauch. i spets. i* no. 14:101-104 '82.

Korobov, I. U. F. - Interference stability of a wireless communication channel in relative phase telegraphy. *Elektronnyi* 23 no. 11:43-50 N '82.

Kulikov, E. I., Trifonov, A. P. - Some properties of a signal at the output of an optimal receiver. *Radiotekh. i elektron.* 13 no. 12:2354-2357 D '82.

Lobysyn, V. V. - Optimal separation of plane waves by a linear antenna with processes of plane waves. *Radiotekh. i elektron.* 13 no. 12:2353-2356 D '82.

L'vovskiy, A. A. - Method for analyzing the stability of nonlinear circuits of communication systems. *Elektronnyi* 23 no. 11:31-31 N '82.

Makarov, B. K. - Optimal distribution of priorities in one-channel queueing systems. *Sob. AN Gruz. SSR* no. 3:687-688 N '82.

Mikhailovskiy, K. A. - Why we should speed the tempo of signal volume in communication. *Elektronnyi* 23 no. 11:75-80 N '82.

Moskvin, V. D. - Statistical relationship between frequency characteristics of attenuation and the parameters of communication channels. *Elektronnyi* 23 no. 9:74-78 N '82.

Potapkin, A. L. - Interference rejection of frequency telegraphy in multimode channels. *Elektronnyi* 23 no. 9:78-79 N '82.

Pirogov, A. A. - Optimal laying speed and capacity of time and frequency telecommunication channels. *Elektronnyi* 23 no. 11:14-14 N '82.

Ryabin, E. I. A. - Analysis of nonlinear distortion originating during the passage of an FM signal in nonlinear medium. *Elektronnyi* 23 no. 11:14-14 N '82.

Smirnov, B. V., Pankov, A. V. - Increasing a given set normal noise in nonstationary selection of its power during the moment of reception. *Izv. vyz. uchab. zav. i nauch. i spets. i* no. 11:17-21 '82.

Turumov, R. L. - Analysis of wideband low-noise amplifier circuits. *Trudy TPI. Ser. A* no. 34:20-22 '82.

Vikhonov, V. L. - Interference rejection of optical signals for the reception of amplitude modulated radio signals. *Elektronnyi* 23 no. 9:11-11 N '82.

Ushakov, D. V. - Chobyshev's point in problems of cognition. *Trudy LPI* no. 131:125-125 '82.

Vershinskiy, A. M. - Determination of the correlational function of nonstationary noises in diode and superheterodyne chambers. *Radiotekh. i elektron.* 13 no. 12:2377-2380 D '82.

Kozlov, V. V., Rukovich, E. I. - Classification of some algorithms of filtration of measured signals. *Prib. i sist. upr.* no. 12:28-34 D '82.

Zhigalov, O. T., Potomskiy, V. V. - Fluctuations in this-line parameters with transverse pumping. *Radiotekh. i elektron.* 13 no. 12:2370-2371 D '82.

621.394 Telegraphy
Chudov, A. P. - Pulse circuits of frequency driven ferrite and transformer cells. *Vest. svyazi* 25 no. 12:3-5 D '82.

Kheizer, G. I. - The more rights - the higher the responsibility. *Vest. svyazi* 25 no. 12:3-5 D '82.

Mashtits, I. M. - Optimal parameters of baseband in frequency telegraphy systems with predistortion. *Elektronnyi* 23 no. 9:74-74 N '82.

Mukhomorov, M. P. - Safety check of coupling in direct connection systems. *Vest. svyazi* 25 no. 12:3-5 D '82.

Parshakov, I. U. P., Balala, A. I., Litvinovskiy, L. I. - TT-17P3 radio frequency telegraphy equipment. *Vest. svyazi* 25 no. 6:7-8 Je '82.

621.394(470)—White Russian S. S. R.
Garvich, A. S. - Use of the telegraph exchange in the White Russian S. S. R. for the transmission of secret information. *Vest. svyazi* 25 no. 6:23-24 Je '82.

621.394(470)—White Russian S. S. R.
Bodak, A. S. - Automation of the telegraph equipment. *Vest. svyazi* 25 no. 6:20-21 Je '82.

621.398 Telephony
Chudov, A. P. - Distributions for group wire channel outputs. *Vest. svyazi* 25 no. 6:13-13 Je '82.

Khariton, I. M. - Use of sectional relayed circuits in the repeater stations on main cable lines. *Vest. svyazi* 25 no. 6:14-14 Je '82.

Vladimirovskiy, B. S. - Requirements for parallel data transmission through telephone cables. *Trudy Sem. Tekhn. sredstv. sist. obr. dan. i spr. i kach.* no. 10:2-2 '82.

621.395(470)—White Russian S. S. R.
Bodak, A. S. - Automation of the telegraph equipment. *Vest. svyazi* 25 no. 6:20-21 Je '82.

621.395(471.34)—Maritime Territory
Parashakov, P. S. - Engineering and technical personnel of the Vladivostok long-distance telephony station using the equipment more efficiently. *Vest. svyazi* 25 no. 12:13-13 D '82.

621.398 Radiocommunication
Alimov, G. Z., and others. - Reliable radio wave antenna. *Elektronnyi* 23 no. 12:18-18 N '82.

621.306 (Continued)

- Abramov, T. R., Kverev, G. I. A. - Integral evaluation in the control of the technological state of a plant. Avtomatika no. 4:14-20 Jan-Ag '68.
- Bakulev, P. A. - Stability requirements for coherent-impulse radar units. Teor. i tekhn. radiofiz. no. 1:122-123 '68.
- Barinov, K. V. - Shock excitation of oscillations. Teor. i tekhn. radiofiz. no. 1:172-185 '68.
- Bauer, G. I. A. - Method of increasing the electrical length of antennas. Vest. vuzov 26 no. 11:8-9 D '68.
- Belikov, O. V. - Comparison of methods for detecting a sinusoidal signal in presence of noise. Teor. i tekhn. radiofiz. no. 1:27-35 '68.
- Bryukov, L. E. - Attachment to a tube testing device. Vest. vuzov 26 no. 6:77-78 '68.
- Davydov, P. A., Utkin, G. A. - Effectiveness of the accumulation of quasiharmonic RF pulse sequences by combfilters. Teor. i tekhn. radiofiz. no. 1:110-121 '68.
- Dzharipov, L. L., Makrylov, M. L., Usov, V. A. - Standardization of short-wave rural radio communication stations. Stand. i tekhn. no. 10:11-14 N '68.
- Esipenko, M. A., Bravda, B. V. - Prospects for the adjustment of two-mirror antennas in the nearest space. Radiotekhn. i elektron. 13 no. 12:2324-2328 D '68.
- Gark, K. L., Levinson, L. R., Fridberg, P. R. - Consideration of the thickness of the wall in slot problems of electrodynamics. Radiotekhn. i elektron. 13 no. 12:2329-2332 D '68.
- Gol'dshchik, I. A., A., Kolesov, L. V. - Determination of the transfer functions of stationary impulse systems in one functional mode. Kib. i diag. no. 1:84-88 '68.
- Kab, V. A. - Methods of measuring approximate radiation of transmitters. Vest. vuzov 26 no. 6:9-11 Je '68.
- Klarytskiy, A. K. - Comparison of the spectrum of an amplitude modulated periodic sequence of video impulses by an internal (peak) detector. Teor. i tekhn. radiofiz. no. 1:142-147 '68.
- Klarytskiy, A. K., Dzhavadov, G. G., Chertkov, N. I. - Spectrum of an amplitude-modulated sequence of video frequency pulse pairs. Teor. i tekhn. radiofiz. no. 1:134-141 '68.
- Kudov, A. G. - The Ural, the hostess of the inventor of the radio. Dokl. na sess. Uzb. sov. Sov. obl. kraev. sov. no. 3:29-31 '68.
- Lavrin, A. V. - Action of a coherent impulse signal and noise on a two-channel time discriminator. Teor. i tekhn. radiofiz. no. 1:186-196 '68.
- Likhachev, V. A., Dobrolubov, L. V., Kobay, M. A. - Modeling of random numbers using an electronic digital computer. Teor. i tekhn. radiofiz. no. 1:144-154 '68.
- Martynov, V. V. - Measurement of electrodynamics parameters of an antenna using a synthesized aperture measurement technique. Radiotekhn. i elektron. 13 no. 12:2333-2334 D '68.
- Milav, N. A. - Contribution to the theory of broad oscillations in a nonlinear circuit with a p-n junction capacitance. Teor. i tekhn. radiofiz. no. 1:148-171 '68.
- Mishchenko, B. M. - Difference diagrams of the directivity of a cone aperture with asymmetrical amplitude distributions. Radiotekhn. i elektron. 13 no. 12:2341-2349 N '68.
- Mishchenko, B. M. - Optimization of the transconductance of antenna array directivity difference diagrams. Radiotekhn. i elektron. 13 no. 12:2352-2353 D '68.
- Mironovskiy, I. M. - Efficiency of a coherent radar during the reception of frequency-coherent pulses. Teor. i tekhn. radiofiz. no. 1:177-188 '68.
- Mukomolov, A. S., Sofronov, V. A., Khabarov, M. A. - Methods of standardizing the use of materials and spare parts at radio communication and radio-broadcasting enterprises. Vest. vuzov 26 no. 12:24-28 D '68.
- Pavlenko, B. A. - Interaction of radiators in multiple-element lattices with consideration of fringe effects. Radiotekhn. i elektron. 13 no. 12:2356-2364 N '68.
- Pavlenko, A. L. - Interference rejection of frequency spectroscopy in nonlinear elements. Elektrosvet 22 no. 7:78-79 S '68.
- Papov, V. A. - Error probability in correct reception and transfer in channels with absorbing loading. Elektrosvet 22 no. 9:83-84 S '68.
- Rykov, W. A. - Radiation of a thin metal antenna in a randomly inhomogeneous media. Radiotekhn. i elektron. 13 no. 12:2365-2368 D '68.
- Sapozhenko, A. A. - Mathematical models of time processes in circuit elements of radio measuring equipment. Avtomatika no. 4:22-23 Jan-Ag '68.
- Tsiba, M. B. - Decreasing the "blind height" effect in radar track speed measuring units. Teor. i tekhn. radiofiz. no. 1:168-177 '68.
- Tsiba, M. B. - Measurement of the frequency of harmonic modulation of a pulse sequence (first-order pulse-amplitude modulation) with ratio of the modulation frequency to the repetition frequency greater than unity. Teor. i tekhn. radiofiz. no. 1:258-264 '68.
- Trifonov, P. M., Budko, V. M., Zotov, V. S. - Measurement of nonstationary electromagnetic fields of ultrashort radio waves under industrial noise conditions. Izv. vuz. tekhn. sav., no. 11 no. 11:23-28 '68.
- Ushakov, V. B. - Measurement of the parameters of highly directional mirror antennas using a focusing technique over a finite distance. Radiotekhn. i elektron. 13 no. 12:2369-2374 D '68.
- Ushakov, V. V. - Statistical properties of radar signals from stroking surfaces in systems with internal coherence. Teor. i tekhn. radiofiz. no. 1:18-26 '68.
- Vasilevich, M. D., Mironovskiy, S. A. - Distortions of signals in the coincidence of impulses in asynchronous address communication systems. Elektrosvet 22 no. 8:88-89 S '68.
- Vasilevich, B. V., Potnich, B. A. - Energy considerations in radar scanning of a limited area of the earth's surface. Teor. i tekhn. radiofiz. no. 1:190-193 '68.

- Zarova, M. V. - Transformation of the frequency spectrum of a signal with phase-impulse modulation passing through a delay unit and an amplifier connected by an undelayed output signal. Teor. i tekhn. radiofiz. no. 1:78-86 '68.
- Zheleznyak, M. M., Kuzin, V. A. - Optimization of the directive gain of an antenna array with additional conditions. Radiotekhn. i elektron. 13 no. 12:2375-2374 N '68.

621.306(471.310)—Moscow City

- Turina, M. M. - Erecting the tower of the Moscow television center. Mosh. i spets. rab. v stroit. 24 no. 10:2-7 O '68.

621.306(471.48)—Volgograd Province

- Il'in, A. M. - The network of wire broadcasting should be expanded. Vest. vuzov 26 no. 6:24-25 Je '68.

621.307 Radiotele. Television

- Birlikov, G. S. - New method for controlling the sharpness of the cutting blades of instruments. Izv. tekhn. no. 10:75 O '68.
- Glebov, E. S. - Formation of the frequency characteristics of a television transmitter. Elektrosvet 22 no. 11:25-27 N '68.
- Kopylov, P. M. - Comparative analysis of the effectiveness of phase regulatory elements in a corrector of nonlinear distortions. Elektrosvet 22 no. 12:65-69 N '68.
- Krivosheev, M. V. - The quality of work in television repair shops should be improved. Vest. vuzov 26 no. 12:27-28 D '68.
- Kordian, I. S., Tarboev, B. A. - Stabilization of the power supply voltage in ultrashort-wave television transmitting radio stations. Vest. vuzov 26 no. 12:28-29 D '68.
- P. V. Zhukovskiy's 80th birthday. Vest. vuzov 26 no. 12:33 D '68.
- Pravov, V. M. - Some characteristics of studying a long-range demand for durable goods as exemplified by television sets. Ekon. i ust. metod. 4 no. 6:858-868 N-D '68.
- Seduk, E. - Transmission of data on special characteristics of plants by operational television systems. Trudy TVL. Ser. A no. 22:2-10 '67.

621.307(433)—Poland

- Wlasio, Z. - The "Alpina-II," a transistor installation of commercial television. Izv. prof. no. 6:13 of cover S '68.

621.307(471.310)—Moscow City

- Turina, M. M. - Erecting the tower of the Moscow television center. Mosh. i spets. rab. v stroit. 24 no. 10:2-7 O '68.

621.307(471.310)—Kirghizia S. S. R.

- Amantov, K. A. - Special features of television broadcasting in Kirghizia. Vest. vuzov 26 no. 12:9-11 D '68.

621.308 Telemeter. Telemetry

- Andreev, I. B. - Acoustical methods for registering the characteristics of small nonuniformities of the ocean bottom and biological accumulations in oceans. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:184-185 '68.
- Antony, V. I., and others. - Equipment for the input of hydrophysical data into electronic digital computers from an acoustical measuring complex. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:186-188 '68.
- Barinov, V. S. - Design of magnetic storage units and equipment for transmitting hydrophysical data. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:187-188 '68.
- Belikov, V. I., and others. - Data processing by an automated system for oceanographic studies. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:187-188 '68.
- Belikov, V. I., Kolesnikov, A. G., Melapo, B. A. - Construction of a radioactively concentration chart for the Atlantic Ocean using an objective analysis technique. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:184-185 '68.
- Dobrovol'skiy, S. V., and others. - Preliminary results of statistical studies of temperature nonuniformities in a sea. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:187-188 '68.
- De'kov, L. A., and others. - Determination of the parameters of sea water by its impedance. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:189-191 '68.
- De'kov, L. A., Kravchenko, L. M., Fedorov, A. V. - Determination of the parameters of sea water using optical sensors. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:184-185 '68.
- Vilgopov, D. M., Shaimardanov, M. S. - Technological system for machine processing of deep water hydrologic data. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:186-188 '68.
- Yak, M. L., and others. - Infrared (frequency) solution transducers for oceanographic research. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:182-186 '68.
- Koshchikov, A. V., Koshchikov, V. M. - Microaluminosilicate display units in hydrophysical measurement systems. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:186-188 '68.
- Kolesnikov, A. G. - Automated system of gathering, transmission, and processing of information on ocean physical fields. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:17-18 '68.
- Kosikho, A. A., Filaretov, G. F. - Devices for statistical analysis of random processes. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:183-185 '68.
- Kushin, B. L., Gergorukh, V. T. - Analytical calculation of the optimal positioning of remote-control pressure pickups along the route of a gas pipeline. Izv. vuz. tekhn. sav., no. 11 no. 12:73-78 '68.
- Mironov, V. L., and others. - Use of nuclear physics equipment in the solution of problems connected with prospecting for minerals in the coastal shelf regions. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:184-185 '68.
- Mironov, V. L., Petrov, S. S., Fedorovskiy, I. U. P. - Some special features in measuring small levels of contamination in sea water. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:189-190 '68.
- Paramonov, A. M., Olskiy, V. A. - Problems of the reliability of hydrophysical apparatus. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:186-188 '68.
- Rothberg, L. L. - Temperature transducers with semiconductor heat sensitive elements. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:187-191 '68.
- Vasiliev, S. S. - Features of a method for measuring the input impedances of an antenna used in ion detection. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:190-195 '68.
- Voinov, A. P. - Universal system for the remote control of the position of components of thermal power generating units. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:192-194 '68.
- Voropay, I. E., Gerasimov, V. R. - Single three-phase voltage source for the power supply of three-cycle elements of automatic and remote control systems. Izv. vuz. tekhn. sav., no. 12:1367-1370 D '68.
- Zlatoskov, S. V. - Automatic control of temperature transducers. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:193-194 '68.
- 621.43 Internal combustion engines
- Akhmedov, I. M. - Reestablishment of the working relationship of the basic mechanisms of an engine on the basis of stable technological schemes with symmetrical arrangement of repair dimensions. Trudy BIKHA 54:187-190 '68.
- Analysis of the strength and rigidity of the Y-shaped connecting rod of the PD-28 starter motor. Uzb. sap. MGPI UT:206-210 '68.
- Andreev, E. I. - Starting the engine in winter. Mosh. i stroit. 24 no. 4:18 Ap '68.
- Avotina, A. R., and others. - Fractional model of a carburetor-type internal combustion motor. Kib. i diag. no. 1:28-32 '68.
- Bekman, V. - Characteristics of forced combustion engines. Avi. transport. 46 no. 10:50-51 '68.
- Dobrovol'skiy, L. T. - Some results of the study of the hydraulic density of pressure valves taken from fuel pumps and subjected to repair. Trudy BIKHA 54:221-226 '68.
- Dobrovol'skiy, L. T., and others. - Method of measuring rates of flow in revolving marine turbine channels with the help of pneumatic transducers. Radiotekhn. i mor. soor. no. 3:134-135 '68.
- Dobrovol'skiy, L. T., Artyukov, G. A., Baidura, V. N. - Investigating the heat transfer from a rotating shrouded disk. Radiotekhn. i mor. soor. no. 3:13-18 '68.
- Epl'vits, T. K., and others. - Investigating the performance of the 4D 10/30 channel operating on a sulfuric fuel with VMU-developed WP-950 additive to the lubricant. Radiotekhn. i mor. soor. no. 3:70-83 '68.
- Kinkal'skiy, I. - Experiences of operating transistorized ignition systems. Avi. transport. 46 no. 10:43 '68.
- Kozlov, I. U. A. - General equations of the viscous fuel injection process in marine diesel engines using electronic computers. Radiotekhn. i mor. soor. no. 3:171-174 '68.
- G-340 so generator. Avi. transport. 46 no. 10:40-41 '68.
- Gol'dshchik, M. M., and others. - Porous chrome plating as a way to increase the durability of steel parts. Vest. mashinostr. 48 no. 12:14-18 D '68.
- Gol'dshchik, A. I., and others. - Investigating the type of frontal arrangement on the characteristics of the combustion chamber of a gas turbine engine. Radiotekhn. i mor. soor. no. 3:61-66 '68.
- Oreshkov, E. A., Shapovalov, G. A. - Small-scale parameters of transient processes in gas turbine plants. Radiotekhn. i mor. soor. no. 3:65-70 '68.
- Iadrevskiy, A. P. - Association of the break-in period of repaired tractor engines. Trudy BIKHA 54:211-214 '68.
- Iadrevskiy, A. P. - Monograms for determining the basic indices of engines during stand brake tests. Trudy BIKHA 54:184-188 '68.
- Kanaler, G. M., Korobogin, V. A. - Problem of the non-uniformity of the charge temperature in an evaporating fuel tongue. Izv. vuz. tekhn. sav., no. 11 no. 12:73-78 '68.
- Kapitonov, I. V. - Determining the capacity of the shaft marine engine. Radiotekhn. i mor. soor. no. 3:185-191 '68.
- Khitriak, V. A. - Change in the performance parameters of the lubrication system of the D-80 engine under operational conditions. Trudy BIKHA 54:212-220 '68.
- Khrushch, V. A., and others. - Use of jet-stabilizer burners in GTU-8 K12 gas turbine combustion chambers. Khimp. - Inform. Mor. gidrofiz. Inst. AN URSS no. 2:185-187 N-D '68.
- Kilashchik, M. L. - Calculating power plus in internal combustion engines. Izv. vuz. tekhn. sav., no. 11:73-80 '68.

611.6 (Continued)

- Leykov, T. S., Perel'tshteyn, I. I., Baranovskiy, S. V. - Network planning and control systems and the use of construction equipment. *Stroitel'stvo*, II no. 8:25-35 May '68.
- Lobkov, A. I., Minkovskiy, A. G., Borodavskiy, A. I. - Network planning and control systems for the construction of the gas pipelines from Soviet Central Russia. *Stroitel'stvo*, II no. 8:10-13 Ag '68.
- Makarevich, L. L., Kirmanovskiy, G. I., Gerasimov, M. N. - Determination of the acceleration time of pulp in the pipeline of a section dredge. *Stroitel'stvo*, II no. 8:41-44 May '68.
- Makarov, I. K. - Semi-automatic welding of small-diameter pipes for water mains. *Stroitel'stvo*, II no. 1:24 Ja '68.
- Makarov, E., Baidal, L. - Rejection of welding joints in city gas mains. *Stroitel'stvo*, II no. 5:35 May '68.
- Makarov, A. G., Bogova, E. M., Polozhaya, E. A. - Efficiency of welding joints completed at low temperatures. *Stroitel'stvo*, II no. 5:18-19 F '68.
- Makarov, M. A. - Calculating the consumption coefficient of throttling weathers with a small diameter orifice installed at the end of a pipeline. *Izv. vuzov, mashinostroyeniye*, no. 6:103-108 '68.
- Makarov, B. G. - Regulations for testing city gas mains should be revised. *Stroitel'stvo*, II no. 5:33 F '68.
- New methods of planning and economic stimulation should be introduced into the construction work of the enterprises of the petroleum and gas industries. *Stroitel'stvo*, II no. 1:1-3 Ja '68.
- Objectives and prospects for development of the gas industry in the new five-year plan. *Stroitel'stvo*, II no. 5:4-5 May '68.
- Orlov, V. M., Kargin, I. U. M. - Technical and economical effectiveness of a system of automatic control and regulation (stabilization) of the thickness of plastic pipe walls. *Khim. i nefte. mashinostroyeniye*, no. 10:34-35 O '68.
- Ostapov, B. G. - Investigating the strain conditions of underground flexible pipes. *Konstr. stroit.*, no. 1:90-92 '68.
- Perlovskiy, V. I. - Condensation tank of the "expansion chamber" type. *Stroitel'stvo*, II no. 8:24-25 Ag '68.
- Polozhaya, E. A., Minkovskiy, A. G. - Network planning and control systems ought to be used correctly. *Stroitel'stvo*, II no. 5:34 F '68.
- Polozhaya, E. A. - Method of assembly of 100 mm black steel pipes manufactured by the "Kosmos" and "Soyuz" factories. *Konstr. stroit.*, no. 1:103-105 '68.
- Polozhaya, E. A., Kirmanovskiy, G. I. - Plastic rackings for stuffing-box seals of high-pressure fittings. *Khim. i nefte. mashinostroyeniye*, no. 10:36-41 O '68.
- Polozhaya, E. A. - Improved design of foundations of surface structures should be taken into use. *Stroitel'stvo*, II no. 1:10-15 F '68.
- Polozhaya, V. V., Uspenskiy, V. P. - Results of testing the URS-type excavators. *Stroitel'stvo*, II no. 8:20-23 May '68.
- Popov, V. P., Rosenfeld, Kh. I. A., Kiselev, V. A. - TZB-1 type trenching section dredger. *Stroitel'stvo*, II no. 1:26-27 F '68.
- Postavskiy, V. V. - Simplified formulas for calculating the time of water discharge from a pipeline. *Stroitel'stvo*, II no. 1:21 Ja '68.
- Pravoborot and packaging should be adopted in the construction work of the enterprises of the petroleum and gas industries. *Stroitel'stvo*, II no. 1:18-27 Ja '68.
- Reforms of our country for the valorous work. *Stroitel'stvo*, II no. 8:1-3 Ag '68.
- Ripshoy, A. F. - Mining and assembling of piping made from high-alloy steel. *Mosk. i spets. rab. v stroit.*, 30 no. 1:18-21 M '68.
- Romanenko, M. T., Bollobay, V. M., Pradakov, S. M. - Possibility of a computer estimate of the shape of a controlling throttle valve on the magnitude of a hydrodynamic torque. *Izv. vuzov, mashinostroyeniye*, no. 7:101-104 '68.
- Romanenko, V. V., Karabin, K. Kh. - Reclamation of section valves for ammonia compressors. *Khim. i nefte. mashinostroyeniye*, no. 10:34-35 O '68.
- Rubov, V. M. - Profil, a basic indicator of the work of motor-transport operations. *Stroitel'stvo*, II no. 1:2-11 Ja '68.
- Rupnikov, V. V. - Calculation of above-ground crossings taking into account displacements of adjoining underground sections. *Stroitel'stvo*, II no. 1:18-23 F '68.
- Sakharov, D. A., and others. - Eliminating manual operations in the application of bitumen coatings. *Stroitel'stvo*, II no. 5:34-35 May '68.
- Tarakanov, P. D. - Equipment for gathering casing-head gas. *Stroitel'stvo*, II no. 8:25 May '68.
- Tarakanov, P. D. - High-pressure gas-gathering network in the Katar-tape field. *Stroitel'stvo*, II no. 1:27-29 F '68.
- Tarakanov, M., Gramm, L. - Trenchless pipe-laying. *Prum. stroit. i kark. soor.*, 8 no. 3:24 Mv-Je '68.
- Trisov, R. L., Kuznetsov, V. A. - Classification of safety valve designs. *Khim. i nefte. mashinostroyeniye*, no. 10:31-33 O '68.
- Trusovskiy, R. L., Polotskiy, M. L. - Monometal piping in an international exhibition. *Mosk. i spets. rab. v stroit.*, 30 no. 5:23-25 F '68.
- Trusovskiy, V. P. - Welding of a large diameter stainless steel pipeline. *Konstr. stroit.*, no. 1:17-21 '68.
- Yakovlevskiy, B. M. - Effect of local roughness on the vibration of a cylinder in a flow. *Vest. mashinostroyeniya*, 48 no. 1:145-148 D '68.
- Yakovlevskiy, A. I. - Industrial methods for assembling and welding spherical tanks. *Stroitel'stvo*, II no. 1:14-23 Ja '68.

- Yakovlevskiy, A. I. - Scientific and technical conference on underwater pipelines. *Stroitel'stvo*, II no. 1:23-30 Ja '68.
- Yakovlevskiy, A. I. - Economic effectiveness of the measures for increasing the quality of concrete and ferroconcrete pipes. *Stroitel'stvo*, II no. 1:10-13 Ja '68.
- Yakovlevskiy, A. I. - Analysis of the results of optimization calculations for phase linear induction pumps. *Mashinostroyeniye*, no. 5:103-105 Ap-Je '68.
- Yakovlevskiy, D. V. - Twenty years from the completion of the first gas pipelines in the Soviet Union. *Stroitel'stvo*, II no. 8:2 of cover Ag '68.
- Yakovlevskiy, V. I., Makarevich, I. A., Sokolov, V. I. - Studying dynamic loads on the operating part of cleaning machines. *Stroitel'stvo*, II no. 5:14-20 Ag '68.
- Yakovlevskiy, A. M. - Contribution of the activities to the industry in the first year of the new five-year plan. *Stroitel'stvo*, II no. 1:5-7 Ja '68.
- Yakovlevskiy, A. M. - Method for predicting aging of coatings of underground metal pipelines. *Stroitel'stvo*, II no. 5:14-15 Ag '68.

621.6 (471.41)—Tatar A. S. R.

- Sokolov, K. M., Chelostov, M. V. - Building a ferroconcrete storage tank from large-diameter structures. *Stroitel'stvo*, II no. 5:23-28 May '68.

621.6 (471.43)—Kuybyshev Province

- Sokolov, K. M. - Continuous construction of a heat conduct route. *Stroitel'stvo*, II no. 5:23-30 May '68.

621.6 (471.4)—Northern Caucasus

- Muskhelishvili, G. D., Olesov, P. I. - Integrated tract with specializations on the level of management. *Stroitel'stvo*, II no. 1:13-14 Ja '68.

621.6 (471.48)—North Ossetia A. S. R.

- Orlovskiy, K. G. - Project for a crossing of the gas pipeline across the Terek River near the town Beshan. *Stroitel'stvo*, II no. 1:20 Ja '68.

621.6 (471.4)—Chuvash and Tatarstan

- One pipeline from Iran to the U. S. S. R. *Stroitel'stvo*, II no. 5:40 May '68.

621.6 (471.4)—Iran

- One pipeline from Iran to the U. S. S. R. *Stroitel'stvo*, II no. 5:40 May '68.

621.6 (471.4)—Azerbaijan R. S. S. R.

- Eshkov, A. A. - Modernizing locking-and-regulating fittings. *Mosk. i spets. rab. v stroit.*, 30 no. 1:12-13 N '68.

621.6 (471.4)—Tyumen Province

- Orlovskiy, K. G. - Cleaning the inside and testing a row of sections of the Shulim - Tyumen' petroleum pipeline. *Stroitel'stvo*, II no. 1:24-28 F '68.
- Rakhanov, A. S., and others. - Welding and assembling operations along the Ust'-Balyk - Omak pipeline route. *Stroitel'stvo*, II no. 5:11-13 May '68.

621.6 (471.4)—Omsk Province

- Rakhanov, A. S., and others. - Welding and assembling operations along the Ust'-Balyk - Omak pipeline route. *Stroitel'stvo*, II no. 5:11-13 May '68.

621.6 (471.4)—Yakut A. S. R.

- Mikhailov, A. G., Polozhaya, E. A., Bogova, E. M. - Welding the Ust'-Balyk-Yakutsk-Pokrovsk gas pipeline at the minus 60 degree C. *Stroitel'stvo*, II no. 5:13-14 Ag '68.

621.6 (471.4)—Central Asia

- Sokolov, K. M. - Accelerated completion of the Adak field. *Stroitel'stvo*, II no. 5:14-15 Ag '68.

621.6 (471.4)—Uzbek A. S. R.

- Sokolov, K. M., Tarkov, I. A. - Seismic stability of the Tashkent gas network. *Stroitel'stvo*, II no. 5:21-23 Ag '68.

621.6 (471.4)—Planning the facilities of electro-chemical protection taking thoroughly into account local conditions for the operation of pipelines. *Stroitel'stvo*, II no. 1:12-16 Ja '68.

621.7 Workshop practice. Plastic working, forming

- Bres, O. B., Kopylov, V. P. - Pressure on a cylindrical part in magnetic impulse treatment of metals. *Izv. vuzov, mashinostroyeniye*, no. 5:404-405 May '68.
- Kopylov, A. M., Lashin, I. U. D. - Analysis of errors and means for increasing the accuracy of the measurement of bellows. *Prilozheniya*, no. 1:13-15 D '68.
- Kozlov, A. I. - Electrophysical and electrochemical methods of working. *Mosk. i spets. rab. v stroit.*, 30 no. 5:27-30 '68.
- Lashin, A. M., Loboda, V. M., Fabrika, L. P. - Electrochemical working of systems with impact interactions. *Izv. vuzov, mashinostroyeniye*, no. 5:404-405 May '68.

- Makarov, K. S. - Upper limits of specific stresses occurring during the extrusion of a strip with a non-uniform plasticity in thickness. *Izv. vuzov, mashinostroyeniye*, no. 5:103-105 Ap-Je '68.
- Orlov, V. K. - Semi-automatic device for frame bending. *Mosk. i spets. rab. v stroit.*, 30 no. 5:11 '68.
- Sokolovskiy, Ch. A., and others. - Production of plastic-coated metal sheet based on filled compositions of polyethylene. *Uch. zap. RPI*, 37 no. 10:59-71 '67.
- This can be adopted in your enterprise. *Mashinostroyeniye*, no. 10:59-71 O '68.

621.72 Pattern and die casting

- Khariton, Kh. Sh., Faltina, I. A. - New recipe for manufacturing plastic molds for polymer dies. *Izv. AM Mold. SSR*, no. 1:103-104 '68.
- Radechko, I. A. - Increasing the strength of cold blanking dies in carbon steel, and decrease of warping during hardening. *Metallurg. i term. obr. met.*, no. 10:76-78 O '68.

621.73 Forging. Forge and hammer work

- Kalpenko, V. D., Dinar, I. G., Avrota, M. G. - Making hard-alloy dies and mold parts from plasticized blanks. *Stroitel'stvo*, 30 no. 10:31-33 O '68.
- Karimov, A. Kh. - Electrochemical dimensional machining of forging-die impressions. *Stroitel'stvo*, 30 no. 8:43-44 Ag '68.
- Muravov, A. Sh., Karples, I. I., Sidorovskiy, V. K. - Manufacturing rubber machine parts. *Mashinostroyeniye*, no. 10:31 O '68.
- Semenov, E. I., Kozlovskiy, V. G. - Stressed state and calculation of strains in axisymmetric forgings during the forging process. *Vest. mashinostroyeniya*, 48 no. 1:141-142 D '68.
- Sokolov, G. V., Korneev, D. M. - Unmet potential for improving the stability of dies for hot forming. *Izv. vuzov, mashinostroyeniye*, no. 7:101-106 '68.

621.74 Foundries. Foundry work

- Akimov, D. M., Glonin, D. M. - Reducing the time for cooling ingot molds. *Lit. protsv.*, no. 9:43-45 S '68.
- Akramov, P. M., Myslovskiy, V. A., Sokolovskiy, I. U. A. - Automation of the process of iron melting in cupolas with continuous feed. *Lit. protsv.*, no. 3:14-16 Apr '63.
- Anshin, A. A., and others. - Effect of blast furnace-sintered cast iron on radiator straightness. *Trudy Inst. met.*, no. 16:84-86 '67.
- Avdonin, L. V., Mikhlin, R. A. - Core sand with asbestos crumbs. *Lit. protsv.*, no. 8:44 S '68.
- Bellashin, V. R., Chernobrovkin, V. P. - Linear shrinkage of ferritic malleable iron castings. *Trudy Inst. met.*, no. 10:61-63 '67.
- Bellashin, V. R., Kuznetsov, A. P., Chernobrovkin, V. P. - Effect of melting conditions on the gas content in cast iron. *Trudy Inst. met.*, no. 10:47-49 '67.
- Barinov, M. A. - For the further development of cupola process. *Lit. protsv.*, no. 3:16-18 Apr '68.
- Basov, K. I., Karpov, M. V. - Effect of deformation concentration on hot cracking of this-welded large-size steel castings. *Izv. vuzov, mashinostroyeniye*, no. 7:174-176 '68.
- Beresh, P. G., Kryukov, D. M., Leonov, I. M. - Chrysanthemum graphite in the structure of ring parts formed by centrifugal casting. *Lit. protsv.*, no. 3:11-12 Apr '68.
- Berg, P. P., Semenov, P. V. - Using loose materials in centrifugal casting. *Lit. protsv.*, no. 3:10-11 Apr '68.
- Bilyk, V. A. - Determination and analysis of the temperature field of a casting during solidification. *Trudy LPI*, no. 3:104-105 '68.
- Bilyk, V. A. - Methods of structural determination of linear shrinkage and critical temperatures of cast alloys. *Trudy LPI*, no. 3:104-105 '68.
- Bogdanov, M. T., Ostrov, L. B. - Effect of conditions of melting and pouring of the H100 alloy on the properties of cast turbine blades. *Trudy LPI*, no. 3:104-107 '68.
- Bogdanov, M. T. - Substitution of oil core binders; open for discussion. *Lit. protsv.*, no. 3:104-105 Apr '68.
- Bogdanov, V. V., Orlovskiy, A. K. - Use of KKhSV3PS steel in the casting molds for die casting aluminum alloys. *Vest. mashinostroyeniya*, 48 no. 1:106-107 M '68.
- Chernov, M. V. - Efficient ways of designing roasting automatic machines; open for discussion. *Lit. protsv.*, no. 5:15-16 S '68.
- Dorofeev, I. U. G., Shishov, B. A. - Investigating processes during the heating of cast iron chips, open for discussion. *Lit. protsv.*, no. 5:15-17 S '68.
- Dorofeev, M. A., Krasileva, L. A., Grishin, G. P. - Calculating dimensions of die racks for production of sealing rings. *Stroitel'stvo*, 30 no. 5:10-13 Ag '68.
- Erinova, M. M. - Critical temperatures and the character of crystallization of heat-resistant alloys of the "Ni-Mo" type and certain nonfilm-forming nickel-hardened alloys. *Trudy LPI*, no. 3:104-105 '68.
- Krasileva, M. P. - Effect of the size of applied load on the stress rupture strength of heat-resistant steels in the cast state. *Trudy LPI*, no. 3:104-105 '68.
- Krasileva, M. A., Krasileva, A. M., Shishov, B. A. - Prospects of using cast cylinders of drilling hammers. *Lit. protsv.*, no. 5:13-14 S '68.
- Geller, S. A. - Eutectic mixtures for heating pieces of steel castings. *Lit. protsv.*, no. 3:11-12 Apr '68.
- Orlovskiy, I. A. - Influence of various additions of magnesium, molybdenum, silicon, aluminum and titanium on the gas saturation of nickel. *Lit. protsv.*, no. 3:10-12 Apr '68.

- 1994

621.79 (Continued)

- 621.79 (Continued)
 Kozlov, S. M. - Increasing the contact strength of parts by the application of surface pre-treatments. *Stroitel'stvo*, no. 1117-123 '68.
 Ushakov, I. D., Kovalova, L. M. - Heat treatment of high-speed steels in molten glass. *Stroitel'stvo*, no. 1141-42 Ag '68.
 Vukobratovic, M. A., Mashovets, T. V., Maksimov, M. M. - Formation rate reduction of radiation defects in germanium due to heat treatment. *Fiz. i tekhn. poluprov.*, 3 no. 1235-127 Ja '68.

621.79 Various other kinds of metalwork

- Orlovskiy, V. A., Dondrikov, A. A. - Study of the processes of processing metals by vibrational deformation. *Trudy VNIITs, ser. stroitel'stvo*, no. 71304-304 '67.
 Alkhimov, V. A. - Increasing the efficiency of equipment repair. *Mashinostroitel'*, no. 1033 O '68.
 Naumov, B. A. - Device for cutting walls for the installation of hydro-insulation. *Stroitel'stvo*, no. 1141-42 Ja '68.
 Petrovskiy, N. L. - Automation in marking. *Mashinostroitel'*, no. 1038 O '68.
 Tokil, N. M., Kozlovskiy, A. L. - Influence of the first coat on the quality of welds. *Svar. protsv.*, no. 8-41-43 Ag '68.

621.791 Welding and allied techniques

- Abdullayev, I. V., Sidorov, M. G. - Diffusion welding of copper with copper, nickel, and Mg and Mg-KAl alloys. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Aleksey, A. I., and others. - Welding of embedded parts with metalized aluminum coatings. *Svar. protsv.*, no. 8-25-22 Ag '68.
 Apoll, V. V., Dondrikov, L. E., Perets, I. A. M. - Features of using inductor-type generators in electric welding. *Stroitel'stvo*, no. 1117-123 '67.
 Arsenov, V. V., and others. - Possibility of using power rectifiers for welding of metals. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Babayev, F. B. - Efficient laying out of sheet for parts with an arbitrary geometry. *Svar. protsv.*, no. 8-13-14 Ag '68.
 Bakul, O. A., and others. - Significance of the impact toughness testing of welded joints. *Svyaz. lab.*, 33 no. 7577-758 '68.
 Baidar, V., Borbalo, I. U. - Welding large polyethylene pipes. *Stroitel'stvo*, no. 1117-123 '67.
 Chaykovskiy, O. G., Arkov, A. I. - Automatic welding of a weld root in turning pipe joints. *Mosk. i spets. rab. v stroit.*, 28 no. 740-12 Ji '68.
 Derisland, M. G. - Intensity of the wear resistance of an electrode in the plasma arc cutting with water stabilization of the arc. *Svar. protsv.*, no. 8-37-38 Ag '68.
 Dikshov, A. G., Gusev, E. M. - Ultrasonic testing of welded joints of pipe elements in oil-field structures. *Za tekhn. prog.*, 8 no. 1333-30 D '68.
 Dubovik, L. I., and others. - Mechanized welding of frames with Cu-Br AlMg-3 wires. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Fedorov, V. I. - Comparison of welding force. *Stroitel'stvo*, no. 1117-123 '67.
 Forstner, V. P. - Manual argon-arc welding of stainless steel pipelines with blowing in of nitrogen. *Mosk. i spets. rab. v stroit.*, 28 no. 740-12 Ji '68.
 Frutkin, L. I., and others. - Microscopic chemical heterogeneity of hard-faced metal. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Frutkin, L. I., Sokolov, I. U. V. - Congress of the International Welding Institute. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Gidakov, A. E. - Production studies of the wear resistance of the roller bearings of the DT-54 tractor, recommended by automatic beading under a flux layer, and with the installation of a new rim. *Trudy BSSR 64* (266-268) '68.
 Gervilov, P. I. - Effect of cast iron graphitization on the shrinkage of weld during cooling in acetylene and natural gas welding. *Izv. vyz. shkoly. sav. i mashinost.*, no. 8197-204 '68.
 Gintsberg, A. B. - Use of thermal welding in the wiring of spreading. *Energ. stroit.*, no. 1147-70 '68.
 Gusev, V. A., Bartakov, N. S. - Improvement of the mechanism of welding of worn parts of machines. *Trudy VNIITs, ser. stroitel'stvo*, no. 71304-304 '67.
 Gusev, A. M., Ioffe, S. I., Braverman, I. P. - Powder wire for low-carbon and low-alloy steels. *Mosk. i spets. rab. v stroit.*, 28 no. 740-12 Ji '68.
 Ignatov, V. G., Babits, D. M. - Testpiece of the "fish skeleton" type for testing filler wires. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Il'yashenko, V. M., Kozlov, A. F. - Argon-arc hard facing of aluminum bronze with a fluxed electrode. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Ioffe, S. I., Kozlov, A. A. - Increasing the resistance to pore formation in welding with powder wire. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Kozlovskiy, I. U., and others. - Using thermocouples as feedback transducers in the formation of welds. *Svar. protsv.*, no. 8-44-47 Ag '68.
 Kabanov, M. B., and others. - Flash butt welding of thin strips. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Kabanov, M. B., Platonov, A. V. - Some remarks on the article "Automatic Air-Arc Cutting of Metal with Rotary Disk" by A. B. Vitits. *Svar. protsv.*, no. 8-47-49 Ag '68.
 Kabanov, A. M., Volynskiy, L. I. U. - Use of an electro-bath in the machining of materials. *Trudy BSSR 64* (266-268) '68.
 Kabanov, B. S., Volkov, V. V., Lobanov, L. M. - Method of measuring welding deformations with the aid of pneumatic strain gauges. *Avtom. svar.*, 31 no. 1144-47 M '68.

- Kasprzhak, G. M., Stankov, M. I. - Calculation of the parameters of power supplies for multipoint welding in a media of protective gases. *Mashinostroitel'*, 29 no. 1113-37 M '68.

- Kasprzhak, G. M., Belashov, N. A. - Influence of the sequence of superposition of welds on the deformation and residual stresses in a jointed belt of H-beam columns. *Svar. protsv.*, no. 8-44-47 Ag '68.
 Kirilov, V. F., and others. - Influence of some technological parameters on the welding and brazing process. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Koshova, G. M., Baidar, M. I. - Methods of calculating powder wire. *Svar. protsv.*, no. 8-34-37 Ag '68.
 Korotkiy, I. U., Mitarskiy, A. M. - Device for the cleaning and polishing of pipe ends. *Stroitel'stvo*, no. 1147-70 '68.
 Korneev, V. M. - Butt welding of pipes by heating with high-frequency currents. *Svar. protsv.*, no. 8-28-29 Ag '68.
 Koshov, B. A., Brodskiy, G. M. - Resonance from acoustic waves. *Svar. protsv.*, no. 8-43 Ag '68.
 Kravtsov, V. - Head of the GPR-3 plasma cutter. *Stroitel'stvo*, no. 1117-123 '67.
 Kravtsov, V. F., and others. - High-voltage 50-300 kV, 0.5-1000 A power supply for micro-welding and micro-treatment. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Kuznetsov, L. M., Garbuz, A. P., Kogan, I. U. A. - Investigation and development of technological processes in controlled arc welding. *Svar. protsv.*, no. 8-21-22 Ag '68.

- Lashko, N. F., Lashko, S. V., Alekshin, E. V. - Soldering terminology. *Stroitel'stvo*, 33 no. 1170-71 M '68.
 Litvinov, L. M., Danilovskiy, G. N. - Corrosion of ferro-concrete frame columns by electroslag welding. *Mosk. i spets. rab. v stroit.*, 28 no. 740-12 Ji '68.
 Makarov, A. M., Protolov, M. K., Sidorovskiy, V. A. - Characteristics of the electroslag welding of especially high-strength steel. *Avtom. svar.*, 31 no. 1144-47 M '68.

- Makarevich, I. A. - Properties of welded joints made under negative temperatures. *Energ. stroit.*, no. 1124-30 '68.
 Marul, G. A. - Automatic and semi-automatic submerged-arc welding of bridge elements. *Svar. protsv.*, no. 8-18 Ag '68.
 Maslov, A. G., Rogova, E. M., Pukhov, E. A. - Efficiency of welding joints completed at low temperatures. *Stroitel'stvo*, no. 1117-123 '67.
 Maslovskiy, M. E., Bogdan, S. A. - Strength of butt section joints of 3.3 steel, arc-spot welded in carbon dioxide. *Svar. protsv.*, no. 8-21-22 Ag '68.
 Maslov, S. L., Kuznetsov, G. M. - Electromagnetic method of evaluating stresses in ferromagnetic weld joints. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Maslov, V. L., Tsvetkov, V. M., Brodskiy, G. N. - Modernization of semi-automatic machines for welding in carbon dioxide. *Svar. protsv.*, no. 8-43-44 Ag '68.
 Maslovskiy, M. E., and others. - A simple model for pulsed electron beam welding. *Avtom. svar.*, 31 no. 1144-47 M '68.
 New welding materials. *Stroitel'stvo*, no. 1117-123 '67.

- Mikheyev, L. P., Ostrov, D. D., Pugachev, K. V. - Welding of transformer steels with a three-phase arc. *Svar. protsv.*, no. 8-23-25 Ag '68.
 Maslov, A. E., Fedor, E. S. - Thyristor power supply for welding in carbon dioxide. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Maslovskiy, A. M., Kakhovskiy, M. I., Ilyashenko, S. D. - Separability of slag crust in welding high-chromium heat-resistant steels. *Avtom. svar.*, 31 no. 1144-47 M '68.

- Prokhorov, N. M., Prokhorov, M. M. - Time during which the weld metal fusion zone remains in the crystallization temperature range. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Rabinovich, S. I., Ufayev, V. I. - Semi-automatic welding of low carbon steels. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Rabinovich, S. I., Ufayev, V. I. - Two-position semi-automatic machines for electroslag welding in carbon dioxide. *Svar. protsv.*, no. 8-44-47 Ag '68.
 Rabinovich, S. I., Ufayev, V. I. - Welded tubular joints of an aluminum alloy on BK-1000 cranes. *Svar. protsv.*, no. 8-18 Ag '68.
 Rabinovich, S. I. - Electroslag welding of flanges bent from strips. *Stroitel'stvo*, no. 1117-123 '67.
 Rylov, A. L., Tyuganov, I. U. V. - Series of welding rectifiers with drooping characteristics. *Svar. protsv.*, no. 8-44-47 Ag '68.

- Rylov, V. V. - Meeting on problems of raising the organizational and efficiency level of welding. *Svar. protsv.*, no. 8-44-47 Ag '68.
 Sagalovich, V. M. - Removal of deformations in intermittent welds by rolling. *Izv. vyz. shkoly. sav. i mashinost.*, no. 7170-713 '68.
 Sagalovich, V. M., Varshteyn, A. V. - Calculation of residual stresses in circular welds to plates. *Izv. vyz. shkoly. sav. i mashinost.*, no. 8199-194 '68.
 Sagalovich, V. M. - Semi-automatic electroslag welding with hollow electrode. *Stroitel'stvo*, no. 1117-123 '67.
 Shastov, N. A., Gerasimov, M. M. - Economic incentives for the quality of welding operations and the efficiency of production. *Svar. protsv.*, no. 8-44-47 Ag '68.

- Shastov, N. A., Baidar, B. D., Parshin, L. M. - Arc plasma cutting of stainless steels. *Energ. stroit.*, no. 1124-30 '68.
 Sharifov, F. Sh., Mirzayev, B. A., Zhelezov, L. A. - Experience in automatic welding of chemical equipment with a plasma layer from molten metal. *Khim. i nef. mashinost.*, no. 1037-38 O '68.
 Shastov, N. A., and others. - Improving the quality of braised welds in crystallization under pressure. *Svar. protsv.*, no. 8-23-24 Ag '68.
 Shastov, M. Kh., Tsvetkov, V. I. - Influence of the heat treatment on a tendency of welded joints in EP38 steel to brittle failure. *Svar. protsv.*, no. 8-24-25 Ag '68.

- Shastov, V. P. - Influence of atmospheric conditions on hydrogen saturation of weld metal. *Svar. protsv.*, no. 8-2-3 Ag '68.

- Spektor, O. Sh., Azhova, G. A., Goronov, I. S. - Causes of crack formation in the cutting of 900 steel. *Svar. protsv.*, no. 8-18-20 Ag '68.
 Stepanov, N. I., and others. - Automatically welding machine for electroslag welding of thin joints. *Vest. mashinost.*, 48 no. 1133-34 M '68.
 Stepanov, N. I., and others. - Obtaining exact dimensions of large beds for electric slag welding. *Avtom. svar.*, 31 no. 1144-47 M '68.
 Tsvetkov, V. P. - Welding of a large diameter stainless steel pipeline. *Energ. stroit.*, no. 1127-31 '68.
 Tsvetkov, A. L. - Mobile collapsible test and rig for electric welders. *Stroitel'stvo*, no. 1147-70 '68.
 Tsan, V. A. - Methodology of estimating the deformation degree arising during automatic beading, under flux, of separate worn sections of simple cylindrical parts. *Trudy BSSR 64* (266-268) '68.

- Tokil, N. M., Kozlovskiy, A. L. - Influence of the first coat on the quality of welds. *Svar. protsv.*, no. 8-41-43 Ag '68.

- Tolchinskii, L. - Portable semi-automatic unit for open-arc welding. *Stroitel'stvo*, no. 1117-123 '67.

- V. T. - Soviet innovations in welding techniques. *Svar. protsv.*, no. 8-43 Ag '68.

- Valov, S. A., Tikhonov, V. A., Oreshnikov, A. V. - Semi-automatic welding of automobile parts in aluminum alloys. *Svar. protsv.*, no. 8-43 Ag '68.

- Vasilev, K. V. - First All-Union Conference on Cutting, Welding, Hard Facing, and Metal Spraying with Compressed Air. *Svar. protsv.*, no. 8-43-44 Ag '68.

- Vorobey, V. S., Voronchikhina, T. L., Kabanov, V. G. - Heat treatment of parts in K2M2O7 steel, hard-faced with a high-carbon chromium-cobalt alloy. *Avtom. svar.*, 31 no. 1144-47 M '68.

- Vibratory electro-arc facing. *Stroitel'stvo*, no. 1117-123 '67.

- Yakovlev, B. A. - Layout and drawing of argon arc-tainers. *Mosk. i spets. rab. v stroit.*, 28 no. 740-12 Ji '68.

- Zakhod, L. I., and others. - Welding with a modulated current. *Avtom. svar.*, 31 no. 1144-47 M '68.

- Zukov, M. B. - Residual deformations in welding thin-walled structures in martensitic steel. *Svar. protsv.*, no. 8-18 Ag '68.

- Zukov, L. A., Kabanov, A. M. - Features of using micro-miniature electroslag-beams in welding conductors with thin metal films. *Trudy BSSR 64* (266-268) '68.

- Zukovskiy, A. S., Kozlov, A. A., Timofeev, M. M. - Selecting temperature for preliminary heating of chromium steels in boiler-welding operations. *Khim. i nef. mashinost.*, no. 1037-38 O '68.

- 621.791(487)—Czechoslovakia
 EDL4 high-frequency welding probe. *Khim. i nef. mashinost.*, no. 1048-49 O '68.

- 621.791(434)—Poland
 Maslovskiy, G. V., Maslovskiy, M. P., Popovskiy, B. V. - At the plants for welded structures of Poland. *Avtom. svar.*, 31 no. 1144-47 M '68.

- 621.791(471, 310)—Moscow City
 Popovskiy, M. M. - Thirteenth Scientific Technical Conference of Moscow Welders. *Svar. protsv.*, no. 8-43-44 Ag '68.

- 621.791(571, 50)—Yakut A. S. S. R.
 Maslovskiy, A. G., Pukhov, E. A., Rogova, E. M. - Welding the Tass-Tumet-Yakut-Pokrovsk gas pipeline at the minus 50 degree C. *Stroitel'stvo*, no. 1117-123 '67.

- 621.792 Joining by adhesion. Bonding, gluing. Pressure joints, plugging, caulking
 Maslov, I. U., and others. - Gluing and saturating wood with phenol-formaldehyde resins. *Izv. vyz. shkoly. sav. i mashinost.*, no. 8144-147 '68.

- Maykov, B. - Prochodimost' i. - Bonding rubber of ball mouth sockets to steel flanges. *Bed. i konstr.*, 10 no. 333-33 Mr-Ap '68.

- Volynskiy, L. I. - Mechanizing the preparation of epoxy glue. *Tranp. stroit.*, 35 no. 1140-41 D '68.

- 621.793 Metal-metal
 Maslov, V. R., Dapich, V. D. - Mechanism of diffusion layer formation in coloring steel before welding. *Svar. protsv.*, no. 8-10-12 Ag '68.

- Tishchenko, V. D. - Cathode scattering of silver and tungsten by slow ions of inert gases. *Radiotekhn. i elektron.*, 13 no. 11244-1244 M '68.

- 621.796 Packaging
 Maslovskiy, P. A., and others. - New packing for cutting tools. *Mashinostroitel'*, no. 1044 O '68.

- 621.8 Power transmission. Materials handling. Mechanical fasteners, clamps, clips, etc.
 Maslovskiy, I. M., Tyut'kin, M. P. - Effect of heat wear on the tightness of the fit of this welded bushings. *Trudy BSSR 64* (266-268) '68.

- Fedorov, E. A., Semenov, V. S. - Stresses acting upon conveyor belts in the process of their operation. *Geotekhn.*, 144 no. 1140-41 D '68.

621.8 (Continued)

- Lyanko, V. F., Vasilenko, V. F. - How to check correct performance of the lubrication system for the compressor of a five refrigerator-car section. *Kholtekh.* 45 no. 10:44-45 N '68
- Makluch, G. V., Rakovich, A. G. - Algorithmic determination of the location of flat supports to the design of machine tool devices. *Vychisl. v. smet.* 31:49-56 '67
- Nikol'sev, L. K. - Ball-bearing type current takeoff attachment for instruments. *Prilozheniya* no. 3 24-25 Ag '68
- Zatov, V. S. - Efficient assembly schemes for the pinions of a gear change unit. *Trudy DSKHA* 54:239-248 '68

621.81 Machine elements

- Partskhaladze, B. L. - Some problems in supportless vibration. *Soob. AN Gruz. SSR* 90 no. 3 431-438 My '68
- Roshchupkin, D. V. - Method for calculating screw cutters of suction dredges. *Izv. vyz. ucheb. zav. stroit. arkh.* II no. 3 133-137 '68

621.82 Transmission systems and parts

- Dekhter, B. A. - Standardizing the rated life of anti-friction bearings. *Vest. mashinostr.* 48 no. 10:40-43 N '68
- Klimov, K. V. - Synthesis of a double-crank mechanism in a vibratory conveyor. *Izv. vyz. ucheb. zav. mashinostr.* no. 7 143-145 '68
- Gulik, V. A. - Reliability connection of supporting surfaces for bearings of anti-friction bearings of optimum design. *Vest. mashinostr.* 48 no. 10:48-47 N '68
- Kholmukh, V. A. - Relative axial shift of surfaces of helical grooves of a ball screw and nut. *Izv. vyz. ucheb. zav. mashinostr.* no. 7:20-25 '68
- Lishch, A. A. - Unit for testing radial ball bearings at low temperatures. *Vest. mashinostr.* 48 no. 12:59-63 D '68
- Mel'nik, S., Gonorov, V., Vitkovskii, A. - Main laboratory drafts the scientific organization of labor. *Soob. trud* 13 no. 12:67-74 D '68
- Moskalev, I. D. - Anti-friction bearings. *Mashinostroitel'* no. 10:30-31 O '68
- Mukrov, P. G. - A three-dimensional air flow work. *Izv. vyz. ucheb. zav. mashinostr.* no. 7:5-8 '68
- Kovtsov, V. A. - Calculation of free-stroke couplings with eccentric rollers. *Vest. mashinostr.* 48 no. 12:50-53 D '68
- Priluchko, O. B., Bogdanov, O. L. - Designing rectangular hydrostatic pillow bearings. *Vest. mashinostr.* 48 no. 10:43-44 N '68
- Pash, V. E., Shchegolev, M. A. - Analysis of characteristics of hydrostatic bearings based on kinology. *Stroitel'str.* 39 no. 10:3-3 O '68
- Rybachko, G. A. - Modernizing shielding devices of excavator slewing bearings. *Stroitel'str.* II no. 8: 26-27 Ag '68
- Stogunov, N. S. - Use of pressed wood as an anti-friction material for sleeve bearings. *Vest. mashinostr.* 48 no. 10:48-49 N '68
- Spilayn, N. A., Atrás, S. G. - Use of high-speed ball bearings. *Vest. mashinostr.* 48 no. 10:46-40 N '68
- Sukhin, V. L., Gorbunov, V. A. - Determining the load on an anti-friction bearing in supporting and rotating devices. *Vest. mashinostr.* 48 no. 10:45-46 N '68
- Terelev, A. L. - Experimental investigation of sliding bearings with floating elements. *Izv. vyz. ucheb. zav. mashinostr.* no. 7:67-69 '68
- Vaidal'd, L. S., Gerasimovskii, M. A. - Geometric characteristics of cross sections of shafts with involute slots. *Vest. mashinostr.* 48 no. 12:33-34 D '68
- Vasil'yevich, L. A. - Increasing the accuracy in turning conical shafts. *Stroitel'str.* 39 no. 10:74-3 O '68

621.83 Gears, cones, belts, chains

- Akhan, I. A., Orlovskii, G. G., Klimov, M. M. - Cutting teeth of gear wheels with high-speed steel milling cutters. *Stroitel'str.* 39 no. 10:13-14 O '68
- Aliev, L. P. - Torque in rough gear-milling of DGBMST steel. *Vest. mashinostr.* 48 no. 12:48 N '68
- Akhia, O. G. - Setting model 5831 gear grinding machine tools. *Stroitel'str.* 39 no. 8:11-12 Ag '68
- Belokobov, T. V. - Investigating the endurance and contact strength of reducing gears with planetary bevel transmissions according to MFT 484-83 speed factors. *Izv. vyz. ucheb. zav. mashinostr.* no. 8:23-24 '68
- Bedel'dova, E. F., Danilova, M. E., Goriun, L. M. - Durability of gear wheels in spinning looms. *Vest. mashinostr.* 48 no. 10:34-36 N '68
- Belokobov, L. A., Shenderov, B. L., Shchegolev, E. A. - Geometry of gear wheels milled with gear-wheel cutters. *Vest. mashinostr.* 48 no. 10:33-35 N '68
- Charkovskii, I. M., Kalitvinskii, A. A. - Producing abrasive wheels. *Stroitel'str.* 39 no. 8:26-29 Ag '68
- Chernobayev, P. G. - Cutting multiple screw threads. *Mashinostroitel'* no. 10:34 O '68
- Fefelov, E. L. - Eccentricities of load distribution between pinions of heavy planetary gear trains. *Vest. mashinostr.* 48 no. 10:31-32 N '68
- Gulik, V. A. - Gear drive with a variable angle between the shafts. *Vest. mashinostr.* 48 no. 10:32-33 N '68
- Investigating the flexural (static and fatigue) strength of teeth in gear wheels and their susceptibility to plastic deformation at low temperatures (down to minus 50°C). *Izv. vyz. ucheb. zav. mashinostr.* no. 7:76-74 '68
- Kapustin, V. S. - Precision of straight-tooth bevel gears with point contact. *Izv. vyz. ucheb. zav. mashinostr.* no. 7:118-16 '68
- Koperev, G. V. - Gearing machine for machining outer bevels in gear wheels. *Stroitel'str.* 39 no. 10:13-17 O '68
- Kir'kova, V. F., Belykh, V. A. - Stability of arched walls of crane beams under shear forces. *Vest. mashinostr.* 48 no. 10:14-15 N '68
- New machine tools. *Stroitel'str.* 39 no. 10:38-40 O '68

- Peikin, E. M. - Problems of optimization of the jamming angle for free-stroke ball connectors in engine starters. *Vest. mashinostr.* 48 no. 10:24-28 N '68
- Proda, B. A., Martynov, V. K. - Selection of the wedge angle for pulleys of belt variators. *Vest. mashinostr.* 48 no. 10:34-37 D '68
- Rashkov, D. M., Ushakov, M. F. - Investigating the effect of dust accumulation on static flexural strength of gear wheels operating at low temperatures (down to minus 50°C). *Izv. vyz. ucheb. zav. mashinostr.* no. 6: 67-68 '68
- Rylov, M. A., Rylov, M. M. - Heat release on the tooth surface during grinding. *Stroitel'str.* 39 no. 10:18-20 O '68
- Sverdlov, V. S. - Cutting gear wheels with sections: curved hobbing cutters. *Stroitel'str.* 39 no. 10: 14-15 O '68
- Stalova, D. I. - Efficient designs of planetary mechanisms. *Vest. mashinostr.* 48 no. 10:23-28 N '68
- Starshinskiy, V. K., Petrovskii, M. I. - Selecting parameters of gear wheel cutter for cutting dies and helical meshing gears. *Vest. mashinostr.* 48 no. 10: 28-30 N '68
- Vil'sberg, I. U., Koval'son, G. M. - Forming chamfered edges on fine-module gear teeth. *Stroitel'str.* 39 no. 10:17-18 O '68
- Zhukovskii, G. V., Borodin, V. V. - Technical and economic analysis of the grinding process of spiral teeth bevel gears. *Stroitel'str.* 39 no. 7:23-25 D '68

621.86 Flexible mechanisms and drive

- Baraschik, V. P. - Studying the fatigue strength of monocrystalline chains. *Izv. vyz. ucheb. zav. mashinostr.* no. 6:70-73 '68
- Gerasimov, L. P., Petrik, A. A. - Allowances for contact shape of links of a roller chain with straight plates. *Vest. mashinostr.* 48 no. 10:21-24 D '68
- Proda, B. A., Martynov, V. K. - Selection of the wedge angle for pulleys of belt variators. *Vest. mashinostr.* 48 no. 10:24-27 D '68

621.88 Materials handling. Mechanical handling and loading equipment

- Agapovskii, K. A., Denisov, G. A. - Experimental investigation of the operation of vibrators with bimodal drive. *Obog. rud.* 10 no. 1:41-44 '68
- Andreev, V. V. - Static and vibration introduction of the deformer into second friable material. *Stroitel'str.* 39 no. 10:33-47 '67
- Bondarev, V. S., Petukhov, V. S., Koval'son, V. L. - Study and calculation of shock-absorbing roller supports of belt conveyors. *Stroitel'str.* 39 no. 3:144-158 '68
- Chernov, V. F. - Experimental investigation of conveyor belt wear against the drum lining. *Stroitel'str.* 39 no. 3:133-139 '68
- Chernov, V. F., Golovinskiy, V. P. - Investigating the distribution of speed along the operating branch of powered long-distance conveyors. *Stroitel'str.* 39 no. 3:139-140 '68
- Klimov, K. V. - Synthesis of a double-crank mechanism in a vibratory conveyor. *Izv. vyz. ucheb. zav. mashinostr.* no. 7:143-145 '68
- Gorodetskii, L. M. - Decreasing the weight of grab bucket mechanisms. *Vest. mashinostr.* 48 no. 10:17-18 N '68
- On the materials on problems of computing estimated costs and on calculations of completed construction and assembling operations. *Prilozheniya* no. 11:134-138 '68
- Khoshch, E. V. - Testing of mounting alloys. *Stroitel'str.* 39 no. 10:30 N '68
- Kuritskii, E. I. - Evaluation of the effectiveness of the action of vibration on the settling of filling material. *Stroitel'str.* 39 no. 10:18-21 '67
- Kislov, G. F., Shchegolev, V. I. - Designing rack-type stepped transporters. *Stroitel'str.* 39 no. 10:13-15 O '68
- Kobrin, M. G., Molodtsov, A. A. - Machine for loading packaged cement on railroad cars. *Stroitel'str.* 39 no. 8: 18-19 N '68
- Korobov, A. A. - Studying the vibrations of shaking conveyors and loaders. *Stroitel'str.* 39 no. 10: 10-22 N '68
- Koslov, V. T. - Twisting stresses in shaped wires of cables of closed and semi-closed structures. *Prilozheniya* no. 11:119-124 '68
- Larionov, M. - Bucket for the transportation of concrete mix and industrial waste. *Stroitel'str.* 39 no. 8: 41 Mr-Apr '68
- Lebed, D., and others. - Making frames for 180-ton railroad conveyors. *Prots. stroit. i inzh. soor.* 8 no. 8:19-30 Mr-Apr '68
- Levitskiy, L. L., Belokobov, L. U., Moroz, L. A. - Differential hoisting electromagnet. *LM. protov.* no. 3: 34 Mr '68
- Likov, V. G., Lebedev, M. L. - New mechanisms for raising and straightening the track. *Transp. stroit.* 16 no. 10:26-27 D '68
- Mel'nikov, E. A. - Study of a pneumatic means-transporting unit. *Vest. mashinostr.* 48 no. 10:26-29 N '68
- Malkov, S. S., Mironov, M. T., Malkov, A. D. - Construction of machines with GBU-KT scraper units. *Stroitel'str.* 39 no. 10:13-14 D '68
- New investigations in hoisting devices. *Prots. stroit. i inzh. soor.* 8 no. 3:43 My-Je '68
- Plokhin, V., Solov'yev, L. - Technical servicing on a conveyor. *Avi. transp.* 46 no. 10:21-22 '68
- Popov, V. P., Rusanovskii, E. A., Kiselev, V. A. - T222-type traveling suction dredger. *Stroitel'str.* 39 no. 8:26-27 F '68
- Sergiyev, S. T., Skalskiy, V. K. - Static calculation and technical analysis on problems of strength, reliability, and durability of steel cables, held in Odesa on 13-18 May, 1968. *Prilozheniya* no. 11:134-136 '68

- Shchegolev, A. V. - Modernization of a pneumatic conveying system. *Prots. stroit. i inzh. soor.* 8 no. 8:29-31 D '68
- Spirak, V. I., Shchegolev, V. I., Shchegolev, L. A. - Feeder for a high-pressure pneumatic transport system. *Mash. i avtom. protov.* 23 no. 1:2-2 N '68
- Stepanov, K. V. - Study of the dynamic resistance of timber loaders. *Stroitel'str.* 39 no. 10:28-31 N '68
- Stepanov, K. V. - Study of the static resistance of caterpillar loaders. *Stroitel'str.* 39 no. 10:28-31 N '68
- Timoshenko, I. I. - Solving the weight of traveling machines. *Stroitel'str.* 39 no. 10:28-31 N '68
- Tsvetov, A. I. - Vibratory conveyors. *LM. protov.* no. 3:16-17 Mr '68
- Vainov, I. A. P. - Investigating the stability of vibration transport systems. *Stroitel'str.* 39 no. 3:163-165 '68
- Shcherbin, M. M., Trofimovich, V. V. - Application of prestressing in the reconstruction of deep transporter bridges. *Stroitel'str.* 39 no. 10:28-31 N '68
- Shchegolev, M. M. - Effect of drive parameters on dynamic loads in chain conveyors under steady operating conditions. *Vest. mashinostr.* 48 no. 10:28-31 N '68

621.88(477)—Ukraine & S. R.

- Atanenko, L., Chavichko, V. - Organization of work in tool manufacturing. *Soob. trud* 13 no. 10:77-80 '68

621.87 Cranes and other hoisting mechanisms. Lifting devices, etc.

- Atanenko, L., Rastvor, I. G., Zefinger, V. F. - Cranes with self-acting chains and cables. *Stroitel'str.* 39 no. 8:23-25 Je '68
- Alipov, G. L. - Abrasive wear of metals and metalloids in soils. *Stroitel'str.* 39 no. 8:23-25 Je '68
- Alipov, G. L. - Bucket tooth wear in stripping rate excavators and methods for its calculation. *Stroitel'str.* 39 no. 8:27-28 '68
- Antonuk, L. S. - Spectra of forces acting on the shaft. *Stroitel'str.* 39 no. 8:24-25 Je '68
- Asaev, A. V., Demchenko, A. A., Gerasimov, E. G. - Chemical cleaning of a TP-87 boiler as an example. *Stroitel'str.* 39 no. 10:17-24 '68
- Belokobovskii, A. A. - Self-acting recording for load and safety apparatus of multiple hoisting machines. *Mash. i avtom. protov.* 23 no. 8:23-24 '68
- Derevyanskiy, V. L., and others. - New assembly units for the construction of thermal electric power plants. *Stroitel'str.* 39 no. 10:7-12 '68
- Bil'meyer, V. V., Shchegolev, A. V. - Bearing steel characteristics of steel crane girders. *Izv. vyz. ucheb. zav. mashinostr.* no. 3:14-23 '68
- Birov, I. U. - Electric drive of a multifunctional continuous-motion excavators. *Stroitel'str.* 39 no. 3:58-63 '68
- Borisovskiy, V. A. - Introduction of a motor-driven self-propelled scraper. *Stroitel'str.* 39 no. 8:10-11 Je '68
- Chernobayev, I. K. - Investigating the stability of a cabin of a single-bucket excavator. *Stroitel'str.* 39 no. 8:23-24 Je '68
- Danilovskii, M. L., and others. - Large-scale projects in the erection of structural elements of hoisting buildings. *Prots. stroit. i inzh. soor.* 8 no. 1:54-6 Mr-Apr '68
- Derydov, G., Babinov, G. - Application of the theory to the organization of scraper operations. *Stroitel'str.* 39 no. 8:14-18 Je '68
- Dmitriyev, V. M. - Synthesis of optimum crane drive under observation of strength. *Izv. vyz. ucheb. zav. mashinostr.* no. 8:183-187 '68
- Dymal'skiy, M. R. - Mechanization of BUK-300 crane. *Stroitel'str.* 39 no. 4:29-30 Ap '68
- Fedorov, G. D., Chalkalnikov, E. K., Pashkov, I. T. - K-304 diesel-electric crane. *Stroitel'str.* 39 no. 8:14-15 Je '68
- Fuklov, A. U. - Using the framework of an industrial building for the erection of overhead cranes. *Stroitel'str.* 39 no. 10:15-17 O '68
- Gerasimov, M. K. - Study of working conditions of models of BUK-300 and BUK-301 excavators. *Stroitel'str.* 39 no. 8:28 My '68
- Gerasimov, A. G., Kravtsov, M. S. - Some problems of efficiency and performance of cranes during assembly of reinforced-concrete elements of thermal electric power plant structures. *Stroitel'str.* 39 no. 10:2-7 '68
- Likhterov, I. M. - Horizontal drilling machine for trackless pipe laying. *Stroitel'str.* 39 no. 8:14-15 Je '68
- Khalil, M. I. A. - Hoisting mechanisms for the performance of hoisting operations at the Nural Hydroelectric Power Plant. *Stroitel'str.* 39 no. 10:15-17 O '68
- Kholodov, A. M., Krasnolov, G. M. - Determining speed loadings of an over-riding digging and transporting machine as a two-mass system. *Stroitel'str.* 39 no. 3:23-25 '68
- Kolpakchikov, V. V. - Technical malfunctions of excavators. *Mash. i avtom. protov.* 23 no. 8:14-23 Mr '68
- Krasnikov, A. S., and others. - Possibilities of lowering the performance of rotary bucket excavators. *Stroitel'str.* 39 no. 8:14-23 Mr '68
- Krasnolov, G. M., Kholodov, A. M. - Use of the crane as a two-mass system. *Stroitel'str.* 39 no. 8:14-23 Mr '68
- Krasnikov, V. A. - Selecting transfer function in calculation of buckets of rotary excavators. *Stroitel'str.* 39 no. 3:23-25 '68
- Lavinskiy, A. M. - Modernization of a 20-ton crane. *Mash. i avtom. protov.* 23 no. 4:31 Ap '68

521.87 (Continued)

1. L. I., Palkov, L. P., Kosharskiy, M. K. - Method of constructing graphs for loading crane mechanisms. *Stroitel'stvo mash.* 13 no. 6:18-17 J 68
2. A. V. - Determining dynamic loads in the reducing gear of the excavator turning mechanism. *Gor., stroitel'stvo mash.* no. 3:48-48 '68
3. L. I., Kirichenko, G. L., Olenichuk, M. M. - Determination of the acceleration time of pulp in the pipeline of a motion dredge. *Soob. AN Gruz. SSR* 90 no. 2:441-444 My '68
4. L. I. - Selection of the most efficient outfit of assembly cranes for the erection of the superstructure of the main body of a thermal electric power plant according to a universal plan. *Energ. stroit.* no. 11:4-17 '68
5. A. P., Tushakov, V. M. - Assembly of the MKP-40 crane. *Mosk. i spets. rab. v stroit.* 22 no. 10:11-14 O '68
6. P. V., Bagrov, I. V. - Influence of stone quarry parameters on the amount of labor consumed for operations. *Ugol' Ukr.* 12 no. 11:18-17 M '68
7. I. A., and others. - Use of excavator buckets with in-process control for working loose soils. *Transp. stroit.* M no. 12:8-9 D '68
8. New AV-4 automobile crane. *Stroitel'stvo mash.* 13 no. 11:18-18 J 68
9. New inventions in hoisting devices. *Prom. stroit. i tekhn.* no. 8:3-41 My-Je '68
10. Manufacture of tower cranes, construction hoists, and winches produced by enterprises of the Ministry of Construction and Road Machinery. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
11. B. B. - Instructions for the construction of high-rise buildings. *Mash. stroit.* 23 no. 4:21-26 Ap '68
12. A. K. - Modeling the external friction process of brake shoes in hoisting and conveying machines. *Vest. mashinostr.* 48 no. 11:18-17 M '68
13. V. V., Uspenskiy, V. P. - Results of testing the UMR-type excavators. *Stroitel'stvo mash.* 11 no. 5:26-23 My '68
14. M. L. - Gantry cranes with two-, three-, and five-ton trolleys. *Mosk. i spets. rab. v stroit.* 22 no. 11:24-25 J 68
15. P. R. - Using the MPA-64 and MPA-66 pumps on the M-163 excavators. *Stroitel'stvo mash.* no. 7:30 F '68
16. A. A., Model'shin, R. I. - Technical model testing of motion tubes for a self-transferring dredge. *Izv. vyzn. i stroit. i tekhn.* 11 no. 8:88-104 '68
17. G. A. - Modernizing existing devices of excavator sleeve bearings. *Stroitel'stvo mash.* 11 no. 5:26-27 Ag '68
18. G. A. - Reinforcing the linkage of the differential gear of the rear axle assembly of the E-503 excavator. *Stroitel'stvo mash.* no. 7:30 F '68
19. I. P. - Analysis of the mechanism scheme used in the erection of the building of the Kiev Hydroelectric Power Plant. *Energ. stroit.* no. 11:48-50 '68
20. M. P., Borodanov, B. P. - Determining the life of parts of rotary excavators. *Stroitel'stvo mash.* 11 no. 6:11-13 Ag '68
21. A. M., and others. - Ways of making rotary bucket excavators with high digging force. *Ugol' Ukr.* 12 no. 11:24-25 M '68
22. A. - Use of GPK-80 and GPK-130-17, 8 centrifugal cranes for the installation of spans. *Transp. stroit.* 14 no. 12:58-54 D '68
23. V. M., Vasilchenko, L. A. - Effective use of bevel gear wheels in bridge cranes. *Vest. mashinostr.* 48 no. 11:18-20 N '68
24. D. I. - Use of cast-iron manganese cast iron for excavator buckets. *Stroitel'stvo mash.* 13 no. 6:27-28 J 68
25. V. P. - Experimental investigation of workloads in a rotor excavator at various cutting speeds. *Gor., stroit. i tekhn.* no. 3:128-131 '68
26. V. L., Gorbunov, V. A. - Determining the load on an anti-friction bearing in supporting and rotating devices. *Vest. mashinostr.* 48 no. 11:48-48 M '68
27. A. A. - Analysis of the torque acting on the rotor shaft. *Gor., stroit. i tekhn.* no. 3:14-20 '68
28. A. A. - Rated torque in the designed service life of a rotor shaft. *Gor., stroit. i tekhn.* no. 3:14-20 '68
29. V. V. - Statistical investigation of the torque acting on the rotor shaft of the KRG-1000 rotor excavator. *Gor., stroit. i tekhn.* no. 3:18-23 '68
30. P. A. - Determining standard requirements of assembly cranes for the construction of chemical and refining enterprises. *Mash. stroit.* 23 no. 4:13-15 A '68
31. A. I. - Methodics of determining the productivity of self-propelling cranes when erecting building constructions. *Mosk. i spets. rab. v stroit.* 22 no. 11:18-22 M '68

521.87(421)—German Democratic Republic
New BDK-26 crane (GDR) *Stroitel'stvo mash.* 13 no. 6:20-20 J 68

521.88 Mechanical attachments and tools

1. A. A. - Effect of lowered temperatures on the strength of fastening screws. *Izv. vyzn. i stroit. i tekhn.* no. 8:40-43 '68
2. Z. G., Borvia, V. V. - Implementation of intermesh standard specifications. *Stand. i tekhn.* 23 no. 11:18-17 M '68
3. V. A. - Problem of uniting specifications of standard mechanical attachments. *Stand. i tekhn.* 23 no. 11:18-18 M '68
4. T. A. - Three-turn vice. *Mashinostr.* 48 no. 11:20 O '68

Pomarko, K. M., Lymanov, V. M., Bonykin, M. A. - Mass exchange in the system solid - liquid studied longitudinally from chain-type extruders. *Mosk. i spets. rab. v stroit.* no. 3:124-121 '67

521.89 Lubrication. Friction reducing and increasing devices

1. U. N., Roshchikov, V. F. - Coefficient of friction and thickness of oil film in heavy-load contact. *Vest. mashinostr.* 48 no. 12:9-12 D '68
2. T. E., and others. - Investigating the performance of the 4D 19/30 diesel operating on a sulfuric fuel with VMU-developed MP-330 additive to the lubricant. *Sudost. i mor. soor.* no. 3:70-82 '68
3. A. M., and others. - Synthesis of O, O-di-n-propyl-1, 7-bis(hydroxy-2-hydroxy-2-propyl-2-thiothiophene). *Uch. zap. AGU, Ser. Khim. nauk.* no. 3:8-14 '68
4. M. N., Molodtsov, G. A., Vaishteyn, V. V. - Lubricating properties of some water-soluble chemical compounds and their use as components of lubricating and cooling fluids. *Neftep. i neftekhim.* no. 1:18-13 '68
5. G. G., Molodtsov, V. A. - Removal of grease from ropes of multi-rope hoists. *Gor. i tekhn.* 144 no. 12:88-89 D '68
6. A. K. - Modeling the external friction process of brake shoes in hoisting and conveying machines. *Vest. mashinostr.* 48 no. 11:18-17 M '68
7. Production and quality improvement of plastic lubricants. *Neftep. i neftekhim.* no. 8:63-64 '68

521.9 Tools. Machine tools. Milling

1. A. M., Kordikov, M. D. - Cup-type rotary cutting tool. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
2. M. M. - Adjustable low-power electric drive. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
3. V. L., Kordikov, M. D. - Heat exchange between machine-tool parts and the air in the shop. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
4. G. M., and others. - Adjusting anti-friction bearings of spindle units. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
5. V. K., Kordikov, M. D., Kordikov, A. I. - Research for experimental studies of machine-tools. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
6. A. I. - Machine-tool and cutting-tool industry. *Mosk. i spets. rab. v stroit.* 22 no. 8:40 '68
7. D. V., Kordikov, A. A. - System for testing pipes with internal pressure with action of high temperatures. *Izv. vyzn. i stroit. i tekhn.* no. 10:83-84 O '68
8. L. G., Kordikov, P. M. - New design of chocks. *Mashinostr.* 48 no. 10:44 O '68
9. L. V., Petrov, L. P. - Technical and economic problems in the application of dynamic capacitor deceleration. *Stroitel'stvo mash.* 13 no. 7:15-17 J 68
10. S. K. - Universal algorithm for calculating the profile of shape cutters. *Stroitel'stvo mash.* 13 no. 7:15-17 J 68
11. V. A. - Toothed-disk motion meter for controlling the kinematic errors of copying machines with transmission ratio equal to unity. *Izv. vyzn. i stroit. i tekhn.* no. 10:83-84 O '68
12. F. E. - Shaping a tangential face cutter. *Stroitel'stvo mash.* 13 no. 6:27 S '68
13. V. M. - Electric spark shaping of surfaces. *Stroitel'stvo mash.* 13 no. 6:27-28 S '68
14. A. A. - New design of Vyspik Markovskiy Alperovich. *Stroitel'stvo mash.* 13 no. 7:44 J 68
15. A. M., Tolochkov, M. A. - Cleaning and blocking control in frequently retooling automatic equipment in the manufacture of precision machines and instruments. *Izv. vyzn. i stroit. i tekhn.* no. 11:117-123 '68
16. G. E., Levits, G. M., Tsvetkov, G. I. - Algorithm of the planning of standard layouts for machine tools. *Vysh. tekhn. v mash.* 11:100-101 '67
17. G. M. - Universal dividing head. *Mashinostr.* 48 no. 10:30 O '68
18. A. I. - Machine-tool and cutting-tool industry. *Vest. mashinostr.* 48 no. 11:25 M '68
19. A. I. - Machine-tool and cutting-tool industry. *Vest. mashinostr.* 48 no. 11:25 D '68
20. G. M. - Tension control in cord processing machines. *Izv. vyzn. i stroit. i tekhn.* no. 12:138-140 D '68
21. A. A., Fokin, G. W., Shatkovskiy, S. M. - Effect of error in thread profile angle on efficiency of the screw-and-hydrostatic transmission. *Stroitel'stvo mash.* 13 no. 6:4-6 Ag '68
22. V. V., Kordikov, M. D. - Effect of vibrations on wear of friction surfaces. *Stroitel'stvo mash.* 13 no. 6:4-6 Ag '68
23. M. M., Shatkovskiy, S. M. - Rigidity and strength of the elements of large-scale universal assembly devices. *Vest. mashinostr.* 48 no. 12:54-58 D '68
24. B. M., Bodakovich, A. E. - Vibration shroud installation with a by-pass mechanism. *Stroitel'stvo mash.* 13 no. 7:17-19 J 68
25. G. L., and others. - Increasing the efficiency of hard-alloy cutting tools. *Stroitel'stvo mash.* 13 no. 6:24-25 S '68
26. V. A. - Analytical investigation of properties of jointly operating surfaces of helical grooves of ball screw and nut. *Izv. vyzn. i stroit. i tekhn.* no. 8:40-43 '68
27. V. I., and others. - Flowing of coals highly resistant to cutting in flat seams. *Ugol' Ukr.* 12 no. 11:23-24 M '68
28. A. I. - Electrophysical and electrochemical methods of machining. *Mosk. i spets. rab. v stroit.* 22 no. 5:27-28 '68
29. I. U. - Experimental for universal measuring. *Mashinostr.* 48 no. 11:24-25 O '68
30. M. L., Spatar, L. S. - Wedge-shaped device for recovering tools. *Stroitel'stvo mash.* 13 no. 6:25 S '68

1. W. A. - Upper limits of specific stresses occurring during the extrusion of a strip with a non-uniform plasticity in thickness. *Izv. vyzn. i stroit. i tekhn.* no. 11:23-24 '68
2. A. A. - Effect of the technological process on the operational properties of parts. *Vest. mashinostr.* 48 no. 11:24-25 M '68
3. A. M., Petrov, A. G. - Vibrations of asynchronous motors under special operating conditions in machine-tool drives. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
4. V. E. - Designing oscillation mechanisms for metal cutting machine tools. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
5. W. A. - Investigating the cutting process of high-manganese steels. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
6. A. I. - Deceleration of pneumatic drive with a restrainer slide valve. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
7. A. A. - Study of mechanisms with two connected pistons. *Izv. vyzn. i stroit. i tekhn.* no. 8:40-43 '68
8. New machine tools. *Stroitel'stvo mash.* 13 no. 7:45 J 68
9. A. A., Panteleev, V. A. - Innovations of the Soviet machine-tool construction specialists. *Mashinostr.* 48 no. 11:23-24 O '68
10. A. A., and others. - Universal assemblyable freight lifting systems. *Mashinostr.* 48 no. 10:44 O '68
11. L. A., and others. - Method for a dynamic balancing of machinery during assembly. *Mashinostr.* 48 no. 10:44 O '68
12. V. V., Potemkin, V. I., Permikov, A. E. - Two-component dynamometer. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
13. G. L. - Mechanization of attaching blanks to machine tools. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
14. V. A. - Random function factors in calculating the cutting process. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
15. E. - New wage scales for machine tool operators and establishing norms for their work. *Soob. AN Gruz. SSR* 90 no. 10:118-119 O '68
16. M., and others. - Reconditioning cold-cutting and cold-forging tools by buildup. *Prom. stroit. i tekhn.* no. 8:40 My-Je '68
17. V. A. - All-Union Scientific and Technical Conference on Statistical Methods for Determining Strength in Machinery Construction. *Vest. mashinostr.* 48 no. 11:23 M '68
18. G. G. - Effect of the position of the feed drive axis on forces of friction in precision machine slides. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
19. L. P. - Rule for determining cutting tool elements using a cutoff tooling cutter as an example. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
20. A. I. - Conference on electroconduct machining. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
21. A. I. - Development of machine-tool construction and technical progress in machine building. *Vest. mashinostr.* 48 no. 11:23-24 M '68
22. I. E., Segal, V. M. - Automatically regulated pump of hydraulic drives in machine-tool feed system. *Stroitel'stvo mash.* 13 no. 6:12-14 Ag '68
23. A. S. - Maintaining the operating reliability of automatic lines. *Mashinostr.* 48 no. 11:23-24 O '68
24. G. V., Borodin, V. V. - Technical and economic analysis of the grinding process of spiral teeth bevel gears. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68

521.9(431)—German Democratic Republic
Kordikov, V. - Machining of slides. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68

521.9(474, 8)—Lithuania S. S. R.
Jakobs, V. - Improving the structure of basic assets at the machine tool construction plants of the Lithuanian S. S. R. *Vest. mashinostr.* 48 no. 11:24-25 M '68

521.9(477)—Ukrainian S. S. R.
Ishchenko, I., Chervakov, E. - Organization of work in tool management. *Soob. AN Gruz. SSR* 90 no. 10:118-119 O '68

521.9(497, 8)—Bulgaria
Kostin, V. A. - Exhibition of Bulgarian Machine-tool Industry. *Vest. mashinostr.* 48 no. 7:12 D '68

521.91 Roughing, planing, shaping, cutting, milling, filing, reaming, broaching

1. A. I., Ozerov, G. G., Kordikov, M. M. - Cutting tools of gear wheels with high-speed steel milling cutters. *Stroitel'stvo mash.* 13 no. 6:20-21 J 68
2. M. P. - Torque in rough gear-milling of KCHMWT steel. *Vest. mashinostr.* 48 no. 11:20 M '68
3. L. P. - Developing skill in wood-planing. *Uch. zap. AGU, Ser. Khim. nauk.* no. 3:8-14 '68
4. B. A., Baskov, I. L. - Study of a transverse planing machine as an object of optimizing control. *Izv. vyzn. i stroit. i tekhn.* no. 12:137-139 D '68
5. I. A., Baskov, I. L., Baskov, K. A. - Geometry of gear wheels milled with gear-wheel cutters. *Vest. mashinostr.* 48 no. 11:23-24 M '68
6. A. V., Vilkovskiy, K. A. - Determining the overall error in broaching holes. *Stroitel'stvo mash.* 13 no. 6:23-24 S '68
7. A. M. - Minimization of profile defect originating during reaming of form cutters. *Stroitel'stvo mash.* 13 no. 7:12-15 J 68
8. M. L. - A standard broaching machine-tool. *Stroitel'stvo mash.* 13 no. 11:20 M '68
9. N. S. - Machining of instrument parts using machine-tool units and jig boring machines. *Pril. i stat. zap.* no. 8:61-63 S '67

621.01 (Continued)

- Qoita, M.R., and others. - Adjustable nonreversible electric drive for feeding mechanism of milling cutters. *Stav. i instr.* 30 no. 9:10-17 S '68.
- Orizolaki, M.L., Tshaduk, N.A., Bryukhovskii, M.L. - Correcting rectilinear profile of roughing spiral holes. *Stav. i instr.* 30 no. 9:25 S '68.
- Koba, V.M. - Automatic machine for milling bores. *Stav. i instr.* 30 no. 9:33 S '68.
- Krasov, V.P., Turov, M.A., Prolov, N.M. - Attachment for sharpening milling cutters. *Mashinostroitel'* no. 10:18 O '68.
- Krepak, A.S. - High-efficiency and milling cutters. *Stav. i instr.* 30 no. 7:41 JI '68.
- El'tsin, K.Y., Ulanov, B.M. - Machining grooves in parts made of heat-resistant alloy. *Stav. i instr.* 30 no. 8:29-35 Ag '68.
- New machine tools. *Stav. i instr.* 30 no. 10:39-48 O '68.
- Orlovskii, M.V. - Accuracy in machining surfaces on knee-milling machines. *Stav. i instr.* 30 no. 8:16-18 Ag '68.
- Pashenko, K.P. - Dynamic investigation of thread comb cutters. *Vest. mashinost.* 48 no. 12:84-88 D '68.
- Per, A.G. - Diamond milling. *Stav. i instr.* 30 no. 7:10-20 JI '68.
- Sverlov, V.S. - Cutting gear wheels with sectional unrelieved hobbing cutters. *Stav. i instr.* 30 no. 10:14-18 O '68.
- Shorens, N.L., Miranov, D.A. - Production of hobbing cutters from electroalloy materials. *Stav. i instr.* 30 no. 7:41 JI '68.
- Starshinski, V.K., Petrovskii, M.L. - Selecting parameters of gear wheel cutter for cutting dies and internal meshing gears. *Vest. mashinost.* 48 no. 11:30-38 N '68.

621.02 Abrasive. Grinding, polishing. Cracking, separating and joining.

- Akula, G.G. - Setting model 502 gear grinding machine tools. *Stav. i instr.* 30 no. 8:11-13 Ag '68.
- Barabko, N.A. - Turning of disk-type parts. *Stav. i instr.* 30 no. 7:48 JI '68.
- Bilsk, M., Rotterkhal, K.K. - Finishing conical and cylindrical surfaces (over 200 mm in dia.) of hardened-steel machine parts. *Vest. mashinost.* 48 no. 11:68-69 '68.
- Bilsk, N.V. - Rigidity equilibrium in thread grinders. *Stav. i instr.* 30 no. 7:3-4 JI '68.
- Himelsh, V.M., Starshinski, V.Y. - Calculation of pulverizing process of grain materials during their treatment in a disked bed. *Mashin. prota. khim. tekhnol.* no. 3:223-232 '67.
- Charkovskii, B.K., Zakrytyi, A.A. - Profiling abrasive wheels. *Stav. i instr.* 30 no. 8:33-39 Ag '68.
- Cherba, A.I. - Two-spindle grinding machines. *Mach. stroit.* 33 no. 3:26 Mr '68.
- Daglarov, N.S., Fild, M.D. - Optimum sharpening and dressing conditions for hard-alloy tools. *Stav. i instr.* 30 no. 9:28-31 S '68.
- Edgarov, N.V. - Wet dust collection. *Mashinostroitel'* no. 10:28-33 O '68.
- Millipov, G.A., Povarov, O.A. - Study of the separating capacity of a turbine runner with plates. *Teploenergetika* 18 no. 12:17-24 D '68.
- Ovchinnikov, A.N., Gratsianskii, L.N., Bogdan, M.G. - Determination of forces in metal rolling using synthetic compounds. *Pril. i ust. upr.* no. 12:33-40 D '68.
- Osbel', L.D., Kirovskii, V.F. - Modeling the shaping process in grinding on fixed supports. *Stav. i instr.* 30 no. 7:7-9 JI '68.
- Glitski, M.M., Kopelev, D.V. - In-shop checking of vibrations in milling diamond boring machine-tools. *Stav. i instr.* 30 no. 8:16-18 Ag '68.
- Golovtch, G.M., Cherpakov, N.I. - Improving machining accuracy of grinding machine tools. *Stav. i instr.* 30 no. 8:14-7 Ag '68.
- Orlo, E.A., Portnaya, U.M. - Mechanized type repair-flaking head with pneumatic drive having an adjustable oscillating amplitude. *Stav. i instr.* 30 no. 10:19-23 O '68.
- Ushakov, F.S., Borotish, V.G. - Investigating free grinding parameters of surfaces of complex profiles. *Izv. vyz. ucheb. zav. mashinost.* no. 8:173-183 '68.
- Novov, K.K. - Device for grinding a vertical bedplate guide. *Stav. i instr.* 30 no. 9:30 S '68.
- Krasov, A.T., and others. - Use of oscillatory charges. *Gor. shtr.* 144 no. 3:26-28 D '68.
- Kiltsa, A.L., Zaitseva, T.V. - Efficiency of fractional screening of granulated ammonium nitrate. *Uch. khim. zhur.* 11 no. 8:11-13 '68.
- Krasnoshch, R.V., Volchok, V.I. - Studying crushing operations in jaw crushers. *Stroitel'stvo mash.* 13 no. 3:24 Je '68.
- Korotki, S.M. - Machinability of steels in the grinding process. *Vest. mashinost.* 48 no. 12:77-80 N '68.
- Krasov, V.P., Turov, M.A., Prolov, N.M. - Attachment for sharpening milling cutters. *Mashinostroitel'* no. 10:18 O '68.
- Krivonozh, V.M. - Machine for breaking cast iron ingots. *Izv. prota.* no. 3:44-48 Mr '68.
- Leifakh, L.M. - Face-type friction drive for work piece in centerless grinding on fixed supports. *Stav. i instr.* 30 no. 8:16-18 Ag '68.
- Litshev, V.G. - Rigidity of supports of three-spindle centering. *Khim. i met. mashinost.* no. 8:1-3 O '68.
- Litshev, V.M. - New method for sharpening drills with curved cutting edges. *Stav. i instr.* 30 no. 8:17-23 Ag '68.
- Lopik, L.L. - S-600 jaw crusher with an auxiliary drive. *Stroitel'stvo mash.* 13 no. 8:29-30 Je '68.
- Larva, G.B., Shukla, M.F. - Active control instrument with rapid-change clamps. *Stav. i instr.* 30 no. 7:11-20 JI '68.
- Migachev, A.I. - Centrifugal drying of wood. *Izv. prota.* no. 3:29 Mr '68.

- Minaev, A.M., Bolgov, A.T., Makharov, V.V. - Hydroplaning and its application. *Uch. zap. MOPI* 17:177-184 '68.
- Mordukhai, V.M. - Electrochemical grinding of spring and reeds. *Stav. i instr.* 30 no. 8:21-23 Ag '68.
- Mikheyevich, A.I., Kervin, A.G. - Accuracy of cylindrical grinders equipped with active control instruments. *Stav. i instr.* 30 no. 9:17-8 S '68.
- Nakolob, I.U.V. - Decreasing the resistance of diamond tool with an organic binder. *Stav. i instr.* 30 no. 10:18 O '68.
- Nazarets, N.L., Korsh, M.A. - Optimal rotation speed of an eccentric shaft in jaw crushers with a single movement of the jaw. *Izv. vyz. ucheb. zav. stroit. i arkh.* 11 no. 3:123-133 '68.
- Orlovskii, M.V. - Measuring temperature deformations in built machine-tool parts in the process of grinding. *Stav. i instr.* 30 no. 10:12 O '68.
- Pachikov, S.A., Grishin, D.K., Lazarev, V.M. - High-frequency vibrations induced by friction in the drives of cone crushers. *Izv. vyz. ucheb. zav. mashinost.* no. 7:124-141 '68.
- Per, A.G. - Diamond milling. *Stav. i instr.* 30 no. 7:10-20 JI '68.
- Pistone, L.M. - Hydrodynamic mixing in three-dimensional cellular structures. *Mashin. prota. khim. tekhnol.* no. 3:17 '67.
- Prishkha, R.P. - Determining the mechanical cutting fraction in electrochemical grinding. *Stav. i instr.* 30 no. 7:34-36 JI '68.
- Rylov, A.Y. - Effect of the meshing coefficient on the magnitude of the lifting angle of the grinding bodies and on operation of the ball loading. *Khim. mashinost.* no. 7:11-18 '68.
- Rylov, M.A., Rylov, N.M. - Heat release on the tooth surface during grinding. *Stav. i instr.* 30 no. 10:19-20 O '68.
- Sando, M.F., Lepetski, V.P. - Diamond honing of hard-to-work steels. *Stav. i instr.* 30 no. 8:11-23 S '68.
- Sverdlov, P.I. - Hydrothermal method. *Gor. shtr.* 144 no. 12:35-38 D '68.
- Shalov, G.L. - Disk-type grinding machines. *Der. prom.* 18 no. 12:18-19 D '67.
- Shapiro, E.M., and others. - Noncontact active control device for a grinding machine tool. *Stav. i instr.* 30 no. 7:38-39 JI '68.
- Shchegolev, B.I., Rubakov, V.M. - Regrinding saws for milling straight-tooth corrugated gear wheels. *Stav. i instr.* 30 no. 8:41 Ag '68.
- Shilov, E.A., Sidorov, V.P. - Diamond honing of bores in housing segments. *Stav. i instr.* 30 no. 8:46 Ag '68.
- Shukla, I. - Automation of grinding machine tools. *Mach. i stroit. prota.* 22 no. 8:44-48 '68.
- Shvarts, A.I., Zolotarevskii, D.B., Moskalov, G.I. - Increasing the wear resistance of rotary crusher hammers. *Gor. shtr.* 144 no. 12:11-13 D '68.
- Sorokin, B.M. - Automatic grinding machine for needle rollers. *Stav. i instr.* 30 no. 8:33-34 S '68.
- Vladimirov, V.M., Sorokin, G.M., Korotkov, V.A. - Studying the wear of metals impacting with loose abrasive material. *Izv. vyz. ucheb. zav. mashinost.* no. 10:18-19 '68.
- Vladimirov, I.U., Korotkov, G.M. - Forming chamfered edges of fine-module gear teeth. *Stav. i instr.* 30 no. 10:17-18 O '68.
- Malka, P.M., and others. - Determining the speed and section angle of the material in a semi-rigid mill. *Khim. mashinost.* no. 7:17-38 '68.
- Krasov, A.V. - Machining external ring surfaces with abrasive belts using the inversion method. *Stav. i instr.* 30 no. 10:21 O '68.

621.32 (47)—Czechoslovakia ARO 700 automatic centrifuge with a recurrent operating cycle. *Khim. i met. mashinost.* no. 10:18 O '68.

621.33 Saws. Saws. Cutters

- Alakozov, A.P. - Results of study of electric flywheel drives in brushwood cutting. *Shor. rab. MLTI* no. 18:147-151 '67.
- Isakov, R.P. - Effect of vibration on the noise level of disc saws. *Shor. rab. MLTI* no. 18:154-158 '67.
- Krasnoshch, G.M. - Basic technological parameters in cutting pipe with disk blades. *Stav. i instr.* 30 no. 7:31-33 JI '68.
- Krasov, V.V. - Effect of cutter blunting on the cutting process. *Gor. i stroit. mash.* no. 3:100-118 '68.
- Obryakov, M.A. - Experimental study of the process of power cutting of tree trunks on the cutting field. *Shor. rab. MLTI* no. 18:153-158 '67.
- Petrov, G.D., Drogov, F.M., Volodina, G.W. - New structure wheel cutting machines. *Vest. mashinost.* 48 no. 12:81-83 N '68.

621.34 Lathes and lathe work. Turning

- Danilov, S.P. - Cutting force during turning nonmagnetic steels. *Stav. i instr.* 30 no. 7:34-37 JI '68.
- Ovchinnikov, G.M. - Coolant lubricant feed under various turning conditions. *Stav. i instr.* 30 no. 7:34-35 JI '68.
- Krasov, M.K., Larina, V.G., Sharapov, A.A. - Studying the effect of some parameters of L&B23 threadcutting automatic lathe on its efficiency. *Izv. vyz. ucheb. zav. mashinost.* no. 7:183-184 '68.
- Lal'ski, S.M. - Grinding parts produced from carbon and graphite materials. *Stav. i instr.* 30 no. 8:23-24 Ag '68.
- New machine tools. *Stav. i instr.* 30 no. 8:46 Ag '68.
- New machine tools. *Stav. i instr.* 30 no. 9:41 S '68.
- Rebushchik, V.S. - Damping vibrations in turning using the plasma cutting method. *Stav. i instr.* 30 no. 8:11-23 S '68.
- Vasil'yev, L.A. - Increasing the accuracy in turning acrofig shafts. *Stav. i instr.* 30 no. 10:4-8 O '68.

- Kytkin, A.S. - Optimum cutter and conditions for turning titanium alloy ingots. *Vest. mashinost.* 48 no. 8:21-23 N '68.

621.36 Drills and drilling. Reaming. Counting

- Akmal'rod, L.G., and others. - DC electric drive with pulse-width transistORIZED converter. *Stav. i instr.* 30 no. 8:19-21 S '68.
- Antropov, A.V. - New tools for boring holes. *Mashinostroitel'* no. 10:41-43 O '68.
- Babin, S.L. - Improved drill for the determination of soil moisture. *Dokl. TERKA* no. 133:460-111 '68.
- Cherkasov, V.A. - Sectional counterbore. *Stav. i instr.* 30 no. 8:35 S '68.
- Dobovik, M.V. - Modification of a barrel drill. *Stav. i instr.* 30 no. 8:44-45 Ag '68.
- Dobrov, I.U.S., Khokhlova, G.S., Ter-Minasyan, N.M. - Surface finish during drilling with plastic drill pipes. *Stav. i instr.* 30 no. 8:28 Ag '68.
- Glitski, M.M., Kopelev, D.V. - In-shop checking of vibrations in milling diamond boring machine-tools. *Stav. i instr.* 30 no. 8:16-18 Ag '68.
- KUT, B.I.A., Shchegolev, I.A.M. - Automated device for drilling plate parts. *Stav. i instr.* 30 no. 7:43 JI '68.
- Koperev, G.V. - Gang machine for machining outer holes in gear wheels. *Stav. i instr.* 30 no. 10:15 O '68.
- Kokhan, I.M., Tienovskii, L.R. - Uni-head bench for machining castings of reduction worm gears. *Khim. i met. mashinost.* no. 10:17 O '68.
- Leyba, Z.M. - Calculation of elastic deformation of a shaft by the weight of shifting units. *Stav. i instr.* 30 no. 1:5-6 '68.
- Litshev, V.M. - New method for sharpening drills with curved cutting edges. *Stav. i instr.* 30 no. 8:17-18 Ag '68.
- Pechakov, V.M. - Studying the effect of different factors on specific pressure and deformation of plastic drill spindles in a porous rock. *Izv. vyz. ucheb. zav. mashinost.* no. 8:173-177 '68.
- Petrov, V.P., Krivonozh, P.I. - Automatic positioning system of Model 2444 vertical boring mill. *Stav. i instr.* 30 no. 10:17-18 O '68.
- Portnaya, V.T., Lapina, A.S. - Effect of arcing drill on the longevity of slides in precision machine tools. *Stav. i instr.* 30 no. 8:1-4 Ag '68.
- Sirota, E.M., Gerasimov, M.I.A. - Composite boring bars for precision boring and facing. *Stav. i instr.* 30 no. 8:17-18 Ag '68.
- Tal'vander, M.I.A. - Accuracy of a hole bored with a reaming cutter. *Stav. i instr.* 30 no. 8:20-22 Ag '68.

621.36 Planishing. Planishing. Shearing. Clamping

- Millar, I.P., Kopylov, N.D. - Receiving and setting mechanism for a shearing press. *Mashinostroitel'* no. 10:38 O '68.
- Makagin, V.I. - Results of experimental punching of formed parts from sheet metal. *Izv. vyz. ucheb. zav. mashinost.* no. 7:188-178 '68.

621.37 Hammer. Presses

- Dogilov, V.L. - Photoelectric switch. *Stav. i instr.* 30 no. 10:3-9 O '68.
- Orlov, F. - Vibration-proof forge hammer base. *Pril. i ust. upr.* no. 4:27-30 JI-Ag '68.
- Mavrik, M.L. - Device for opening seams. *Mashinostroitel'* no. 10:41 O '68.
- Sokolov, L.M. - Some methods for improving the efficiency of free forging. *Izv. vyz. ucheb. zav. mashinost.* no. 7:188-188 '68.

621.38 Sheet metal working, bending machines

- Isakov, A.I., Moskalov, K.W. - Machine for bending plates from strips. *Khim. i met. mashinost.* no. 10:17-19 O '68.
- Kogala, B.I. - Experience in technological grouping of cold-stamped components using a special card machine. *Pril. i ust. upr.* no. 9:30-32 N '67.
- Karotich, A.N., Lisharskii, V.I.A. - Realization of cast tools used in automated production. *Stav. i instr.* 30 no. 8:40 Ag '68.
- Krasov, V.V. - Calculation in shaping shells of double curvature. *Vest. mashinost.* 48 no. 12:83-88 N '68.
- Lokhanov, V.P., Sherevitski, B.M., Derzhin, I.V. - Factory equipment for stamping battens from different steels and alloys. *Khim. i met. mashinost.* no. 8:26-31 O '68.
- Sidorov, G.V., Korotkov, D.M. - Unusual potential for improving the stability of dies for hot forming. *Izv. vyz. ucheb. zav. mashinost.* no. 7:181-185 '68.

621.39 Bar or (drawn) cutting

- Antropov, N.P. - Selecting the cutting tip radius for a threaded cutter. *Stav. i instr.* 30 no. 8:25-27 S '68.
- Bilsk, N.V. - Rigidity equilibrium in thread grinders. *Stav. i instr.* 30 no. 7:3-4 JI '68.
- Cherkashinov, P.G. - Cutting multiple screw threads. *Mashinostroitel'* no. 10:42 O '68.
- Cheray, A.P. - An internal threading tool. *Stav. i instr.* 30 no. 7:33-34 JI '68.
- Levitski, I.P. - Cutting multiple-start trapezoidal small diameter threads. *Stav. i instr.* 30 no. 10:38-39 O '68.
- Pashenko, K.P. - Dynamic investigation of thread comb cutters. *Vest. mashinost.* 48 no. 12:80-82 D '68.

622 Mining and related dressing

- Gorshchik, V.T., and others. - Using analog computers for calculation of rotary motion. *Shor. rab. MLTI* no. 18:73-81 '68.

621 (Continued)

- Romanko, E. A. - Use of electronic digital computers in calculating telemechanical networks by the topological method. *Ugol' Ukr.* 12 no. 11:17-18 M '68.
- Krivonozov, V. F., Gurevich, B. L. - Taking stock of hard inclusions in coal seams in calculating coal mining machines. *Ugol' Ukr.* 12 no. 10:13-16 O '68.
- Kalish, L. O. - Information and technical progress. *Ugol' Ukr.* 12 no. 10:13-16 O '68.
- Orlov, Sh. I. - Analytical solution of the problem of the effect of hydraulic filling on the temperature field of the surrounding area with initial exponential temperature distribution. *Soch. AN Gruz. SSR* 50 no. 3:123-128 M '68.
- Potapenko, V. G., Solov'ov, A. M. - Ways of improving tool-work and economic indices in coal mines in preparing the transition to the new conditions of planning and economic incentives. *Ugol' Ukr.* 12 no. 10:13-16 O '68.
- Krivonozov, V. F., Lashin, V. V. - Fiftieth anniversary of the Moscow Mining Institute. *Gor. shur.* 144 no. 12:3-8 D '68.
- Savitskiy, S. S., Gerasimov, S. P. - Solving differential equations for convective and diffusive transfer in regions admitting the separation of variables. *Shor. trudy KIMTK* no. 13:14-16 '68.
- Krasovskiy, Yu. K. - Calculating roots of polynomials degree three and degree four with "Ural-4" electronic digital computers. *Shor. trudy KIMTK* no. 13:15-17 '68.
- Kozlov, Yu. M. - Determining optimum conditions in regard to the functioning of a conveyor system in limited input flow. *Shor. trudy KIMTK* no. 13:17-18 '68.
- Korobovskiy, S. V., Shchegolev, A. I. - Correlation between the hardness coefficient and the contact strength of rocks. *Ugol' Ukr.* 12 no. 11:28 M '68.

622 (Ukr. 17) - Kamensk Provinces

- Gerasimov, G. A., Ivanovskiy, A. D. - Workers in the mines of the Kamensk Metallurgical Combine switched to five-day workweek. *Gor. shur.* 144 no. 12:8-9 D '68.

623 Preliminary Investigation. Exploration. Sampling and Analysis

- Dobson, G. V., Mervinskii, V. I. - Selecting the method of conveying cooled air into longwalls in a local system of air conditioning. *Ugol' Ukr.* 12 no. 11:23-24 M '68.
- Krivonozov, V. F., Gurevich, B. L. - Taking stock of hard inclusions in coal seams in calculating coal mining machines. *Ugol' Ukr.* 12 no. 10:13-16 O '68.
- Kalish, L. O., and others. - Studying the petrographic method of determining ore depletion. *Gor. shur.* 144 no. 12:84-85 D '68.
- Tshukar, V. A. - Attaching marks for mine leveling staffs in setting out bench marks. *Ugol' Ukr.* 12 no. 11:48-49 M '68.

624 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling

- Abdullayev, A. A., and others. - Monitoring of liquid flow sampling device. *Mash. i avtom. protsv.* 23 no. 5:30-30 '68.
- Alakshina, A. M., Mametov, G. G. - Effectiveness of breaking the borehole bottom by once bits having staged crowns. *Azerb. neft. khoz.* 47 no. 12:18-17 D '68.
- Aliev, V. I., Budilchikov, V. M., Cherepanov, V. S. - Removal of rock protective pillars in mine shafts. *Shakht. stroit.* 13 no. 12:11-13 D '68.
- Aliev, A. A., Vasyukin, N. I. - The BUB-3 drill. *Shakht. stroit.* 13 no. 12:13-14 M '68.
- Aliev, G. K., and others. - Improving the blasting method for controlling vertical operations. *Gor. shur.* 144 no. 12:77-80 D '68.
- Alipov, S. U., Chirvanov, R. S., Dzhabbarov, D. M. - Field of horizontal and non-horizontal oil pools exploited by rotary drive. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Arakelyan, G. V., Baidarov, B. D., Yin, M. A. - Steel BYD-8000 for studying the effect of boring techniques on the mechanical properties of rocks. *Geofiz. shor.* no. 12:88-89 '68.
- At the Ministry of the Construction of Heavy Industry Enterprises of the U. S. S. R. *Shakht. stroit.* 13 no. 10:38-39 O '68.
- Beglov, M. M. - Studying the effect of a shock absorber on the dynamics of a subsurface pump (without taking into account natural oscillations of rods). *Khim. i neft. mashinstvo* no. 10:3-4 O '68.
- Budilchikov, V. I., and others. - Determining the cutting resistance of rock before stripping. *Gor. i stroit. i dor. mash.* no. 3:93-100 '68.
- Bulat, M. A., and others. - The DKG rotary percussion drill with hydraulic percussive mechanism. *Shakht. stroit.* 13 no. 12:14-15 M '68.
- Bukharovskiy, A. A. - Magnetic recording for control and safety apparatus of machine tooling machines. *Mash. i avtom. protsv.* 23 no. 5:123-124 '68.
- Burakov, G. A., Milsharskiy, T. Sh., Mikhailov, R. V. - Determining the initial parameters of a stress wave during the blasting method of preparing mine shafts. *Soch. AN Gruz. SSR* 51 no. 3:247-256 S '68.
- Busk, G. I., Akhmedov, A. A. - Approximate method for determining optimum density of wall pattern. *Azerb. neft. khoz.* 47 no. 12:48-49 D '68.
- Bulak, V. G. - Calculating the value of the depth of charge used for the formation of underground blasting cracks. *Shakht. stroit.* 13 no. 12:7-8 D '68.
- Bogdanov, G. A., Shchegolev, D. S. - Ways of a possible reduction of costs in sinking and operative flooded shafts. *Ugol' Ukr.* 12 no. 11:43-44 M '68.
- Bykov, I. F. - Calculating stresses in the cutting shaft resulting from perimeter measurements under variable rigidity of the shaft. *Gor. i stroit. i dor. mash.* no. 3:43-52 '68.

- Chernin, M. I. and others. - New All-Union record is the result of the introduction of scientific organization of labor and new techniques. *Ugol' Ukr.* 12 no. 10:18-19 O '68.
- Dimov, A. I. - Stresses on shaft concrete supports in the zone of geologic disturbances. *Ugol' Ukr.* 12 no. 11:44-46 M '68.
- Dobson, G. V., Mervinskii, V. I. - Organization of work and establishment of norms for mining with KO-11 complexes. *Shakht. stroit.* 13 no. 12:13-15 O '68.
- Dodolov, A. M., Pavlov, V. V., Bol'shakov, M. I. - Conducting inclined operations in rocks subject to outbursts. *Shakht. stroit.* 13 no. 12:15-16 D '68.
- Dobolov, A. A., and others. - Using electronic digital computers in ore averaging at open-cut mines. *Mash. i avtom. protsv.* 23 no. 5:143 '68.
- Katilyev, M. D. - Dynamics of flow and filling in the fuel-chamber of a hydraulic brake. *Azerb. neft. khoz.* 47 no. 12:17-19 D '68.
- Plavov, V. D., Rezhentenko, V. I., Panchenko, A. M. - Preventing quicksand intrusions into flooded shafts by the plaster grouting method. *Shakht. stroit.* 13 no. 12:18-19 D '68.
- Gavrilov, G. G., Drobizov, A. V., Drobizov, V. F. - Determining the concentration of dust and poison gases in conducting blasting operations. *Ugol' Ukr.* 12 no. 10:27-28 O '68.
- Gavrilov, V. S., and others. - Industrial testings of water-resistant metallized granocell 45A. *Gor. shur.* 144 no. 12:23-25 D '68.
- Gladilin, I. V., Shchegolev, V. I., Vasyukin, I. E. - Comparative evaluation of certain factors influencing the safety and efficiency of operation of electric networks with voltage in excess of 1,000 V. *Gor. shur.* 144 no. 12:25-26 D '68.
- Gorkov, P. I. - Shaft sinking through quicksand-type formation with the aid of pile driving. *Shakht. stroit.* 13 no. 12:27-28 O '68.
- Gladilin, M. P., Gladilin, I. U., Khilimbakov, B. M. - Selecting the interval length of a short hole conveyor. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Gurevich, G. R. - Evaluating errors in the calculation of condensate yield during rotary gas injection into a reservoir of varying permeability. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- High Appreciation from our country. *Stroit. i avtom. protsv.* 23 no. 5:143-144 Ag '68.
- Kadykova, K. S. - Approximate method for determining the throughput and lifting time of sand filters. *Azerb. neft. khoz.* 47 no. 12:28-29 D '68.
- Kalish, L. O., and others. - Effect of size of plugging admixtures in sinking vertical shafts by grouting. *Shakht. stroit.* 13 no. 12:3-4 D '68.
- Kasimov, D. I., Yarov, N. M. - Optimization of the mechanical characteristics of the drive of a coal mining machine using a digital computer and the Monte Carlo method. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Karasev, M. P. - Mine shaft sinking at the building site of the Moscow subway. *Shakht. stroit.* 13 no. 12:31-34 M '68.
- Karavayev, M. M. - Possibilities for reducing the volume of work in the construction of flooding systems. *Stroit. i avtom. protsv.* 23 no. 5:30-31 M '68.
- Krasovskiy, D. S., Movsenov, A. A., Kulev, V. T. - Experimental method for determining hydroelectric resistance in tubing and annular space during drilling of a well. *Azerb. neft. khoz.* 47 no. 12:14-15 D '68.
- Kurayev, A. M. - Experimental study of displacement of oil from a porous medium by hot water at high pressures and temperatures. *Azerb. neft. khoz.* 47 no. 12:31-31 D '68.
- Karabov, A. T., and others. - Use of cumulative charges. *Gor. shur.* 144 no. 12:30-31 D '68.
- Kudachinskiy, I. U., Kudachinskiy, V. M., Buzova, G. I. - Increasing the interzone reactivity of a reservoir of a wireless electric communication channel with the well bottom. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Kozlov, I. M., Tshchegolev, V. I., Kozlov, E. A. - Use of small explosive charges. *Gor. shur.* 144 no. 12:31-31 D '68.
- Krasovskiy, M. P. - Feasibility of using boreholes made by rotary-percussion drilling instead of mine workings. *Vop. geol. i mash. i avtom. protsv.* 23 no. 5:30-31 M '68.
- Krasovskiy, G. M. - Improving the technology of casting side walls of shafts for reinforced-concrete tubings. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Kirichenko, V. I., and others. - Flowing of coals highly resistant to cutting in flat seams. *Ugol' Ukr.* 12 no. 11:23-24 M '68.
- Kotlovskiy, V. D. - Selecting concrete mixtures for tube transportation. *Shakht. stroit.* 13 no. 12:11-12 O '68.
- Kozlov, V. A. - Exploratory drilling equipment at the Exhibition of Achievements of the National Economy. *Vest. mashinstvo* 43 no. 11:90 M '68.
- Korovin, E. P. - Efficiency of the development of steep seams by hard heading. *Ugol' Ukr.* 12 no. 11:44-45 M '68.
- Kravchuk, M. G. - Measuring resistances of clay media, fibrous, and fiber cables by resistivity meters. *Trudy KIMTK* no. 13:100-101 '68.
- Kuklin, L. S., Malozem, A. S. - Regularities in the changes of mineral rock fractional composition depending on the diameter of the average lump in open-pit mines. *Gor. shur.* 144 no. 12:21-22 D '68.
- Kutayev, P. V., Gerasimov, F. M., Mikhaylov, T. M. - Defectology of petroleum equipment. *Azerb. neft. khoz.* 47 no. 12:48-49 D '68.
- Kurayev, V. A. - Bettering the quality of dressing drill bits and improving working conditions of the grinder. *Shakht. stroit.* 13 no. 12:14-15 M '68.
- Lisitskiy, B. A., and others. - Adjustable-electric drive of a motor for electric drilling. *Za tekhn. prog.* 8 no. 12:18-18 D '68.
- Lomovskiy, G. G. - Basic technological principles of the analysis of hydraulic blasting of overflows. *Gor. shur.* 144 no. 12:40-41 D '68.

- Lorisev, M. I., Danilov, A. F. - Calculating volumetric losses in the distribution of a piston hydraulic machine. *Vest. mashinstvo* 43 no. 12:34-35 D '68.
- Lorisev, E. - Coefficient of friction in rotary boring. *Trudy TPI Ser. A* no. 200:20-23 '68.
- Lysich, G. V., Orlov, A. L. - Rapid lateral drilling. *Shakht. stroit.* 13 no. 12:16-17 D '68.
- Makarov, N. A. - Highly efficient boring rigs and machines for rotary-percussion drilling. *Shakht. stroit.* 13 no. 12:1-3 O '68.
- Mamedov, A. A. - Main causes of breakdowns of the air-tightness of casing in gas and gas condensate wells in Azerbaijan. *Azerb. neft. khoz.* 47 no. 12:20-22 D '68.
- Mamedov, M. G., Muriev, N. B. - Establishing an efficient regime of well exploitation in the production of paraffin-base crude. *Azerb. neft. khoz.* 47 no. 12:23-25, 47 D '68.
- Mamedov, K. D. - Effect of the bounded thickness of a reservoir on the readings of a three-electrode laterolog sonde. *Azerb. neft. khoz.* 47 no. 12:7-8 D '68.
- Makarov, V. I., and others. - Using electronic digital computers for dynamic balancing of mining machines. *Shor. trudy KIMTK* no. 13:44-45 '68.
- Makarov, S. S., Mityakov, E. T., Mityakov, A. D. - Construction of inclined well with SKU-KT scraper units. *Shakht. stroit.* 13 no. 12:13-14 D '68.
- Mikhaylov, G. K., and others. - Use of correlation analysis in prognosticating condensation water inflow into well tubings. *Gor. shur.* 144 no. 12:26-28 D '68.
- Mityakov, F. A. - Effect of overpressure in the annular space on the delivery of a submersible pump. *Azerb. neft. khoz.* 47 no. 12:27-28 D '68.
- Magikhin, P. V., Bagrova, L. V. - Influence of stone quarry parameters on the amount of labor consumed for operation. *Ugol' Ukr.* 12 no. 11:16-17 M '68.
- Mityakov, L. N., Mityakov, I. A. - Determination of stresses on oblique steel supports by permeation method. *Shakht. stroit.* 13 no. 12:10-12 D '68.
- Mikhaylov, A. I. - Problems of securing the stability of mine workings must be solved. *Ugol' Ukr.* 12 no. 10:48 O '68.
- Morozov, M. G. and others. - Combined system of open-pit mining under complicated hydrogeologic conditions of horizontal deposits. *Ugol' Ukr.* 12 no. 10:20-24 O '68.
- Okoreshin, E. P., and others. - Classification of strip mining systems. *Gor. shur.* 144 no. 12:19-19 D '68.
- Oshchepkov, M. D., Kholodov, A. G. - Studying the petrographic method of determining ore depletion. *Gor. shur.* 144 no. 12:84-85 D '68.
- Ostrov, I. - On the banks of the Oder. *Mov. mir* 42 no. 12:27-28 Ag '68.
- Ostapenko, V. A. - Selecting parameters of vibration percussion units for demolishing barricades in open-pit mines. *Gor. i stroit. i dor. mash.* no. 3:104-105 '68.
- Pakhlyutskiy, M. A. - Formation and use of working capital in mining enterprises under the new conditions of planning. *Gor. shur.* 144 no. 12:7-8 D '68.
- Ponomarevskiy, T. F. - Interpretation of geophysical field data as applied to the clay reservoirs of the Dnieper-Donets Lowland. *Geofiz. shor.* no. 12:80-90 '68.
- Prokhorovich, E. T., Koshchik, V. S. - Inert gas atmosphere during borehole drilling in steeply pitching seams. *Ugol' Ukr.* 12 no. 11:30-40 M '68.
- Pshchegolev, A. A. - Electric roomed drilling equipment. *Shakht. stroit.* 13 no. 12:8-9 O '68.
- Rasulov, A. T., Garibov, M. A., Pogonin, G. A. - Determining some parameters of the sealing mechanism of universal preventors. *Azerb. neft. khoz.* 47 no. 12:44-46 D '68.
- Raginskii, V. M. - Testing reinforced-concrete rods with the aid of resistance sensing element of strain gauges. *Gor. shur.* 144 no. 12:29-30 D '68.
- Romanov, E. S., Medvedev, I. O., Karavayev, V. F. - Interference by major workings and opening of coal seams prone to sudden outbursts of coal and gas. *Shakht. stroit.* 13 no. 12:12 D '68.
- Sidorov, A. M. - Some causes of gas showings in the annular space of gas wells. *Azerb. neft. khoz.* 47 no. 12:23-24 D '68.
- Sidorov, A. S., and others. - Deepening of shafts by the combined method. *Shakht. stroit.* 13 no. 12:27-27 O '68.
- Savost'yanov, F. I. - Hydrothermal method. *Gor. shur.* 144 no. 12:32-33 D '68.
- Shchegolev, G. M., Karimov, E. G., Ibragimov, I. Kh. - Problems of dynamics in raising and pulling the measuring equipment in oil and gas well drilling. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Shchegolev, V. M. - Steel casings permitting the use of electric logging to control water displacement. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Shchegolev, I. U. S. - Determination of mining costs. *Shakht. stroit.* 13 no. 12:7-8 O '68.
- Shchegolev, A. M., and others. - Ways of making rotary bucket elevators with high digging force. *Ugol' Ukr.* 12 no. 11:21-22 M '68.
- Shchegolevskiy, V. I., Kravchenko, M. G. - 71, 188 tons of coal extracted from the longwall for 37 workdays with the USB-87 plow. *Ugol' Ukr.* 12 no. 11:4-5 M '68.
- Shchegolev, V. D. - Studying the basic aspects of the appearance of adhesive properties of filter cakes. *Izv. vyz. ucheb. zav. i nauch. i issled. inst. i nauch. i issled. zav. i nauch. i issled. inst.* 11 no. 10:37-38 '68.
- Shchegolev, P. A. - Brittle fracture of rocks by circulation of supercooled cooling agents. *Shakht. stroit.* 13 no. 12:8-8 M '68.
- Shchegolevskiy, V. T. - Shifting vegetative layers of soil with conveyor bridges in the reclamation of mined areas. *Ugol' Ukr.* 12 no. 11:30-30 M '68.
- Sokol, B. M., Arzhantsevskiy, V. M. - Increasing the extraction of talc crystals from talcaceous ores. *Gor. shur.* 144 no. 12:44-47 D '68.
- Stasik, E. L., Karavayev, F. A. - Carrying out horizontal workings with the use of underground mobile freezers. *Shakht. stroit.* 13 no. 12:17-18 M '68.
- Stolov, G. P. - Economic mathematical principles of the planned workload in coal mine shops. *Shor. trudy KIMTK* no. 13:83-81 '68.

622.3 (Continued)

Shchegolev, V. D., and others. - Blasting of holes pierced by electric rotary drills. *Gor. shur.* 144 no. 12: 41-43 D '68.

Tarsova, P. I., and others. - Determining the coefficient of rock hardness. *Ugol'Ukr.* 12 no. 10:11-13 O '68.

Tropak, M. G. - A method of rock dressing in the U.S.S.R. *Shakht. stroit.* 12 no. 10:2-5 O '68.

Zakharov, A. P. - Device for the equipment of casing string bottoms preventing accidental collision of an extrusion plug with the stopper of its movement. *Khim. i nef. mashinost.* no. 10:24-26 O '68.

Zaslavskii, I. U., and others. - Sectional pileable supports from universal blocks. *Shakht. stroit.* 12 no. 11:4-10 N '68.

622.3(47/104)—Capitalist countries of the world

Utkovskiy, V. M. - Changes in the geography of the iron industry in the capitalist world. *Vyskyt'Kyv us. Ser. tekhn. i inzh.* no. 8:99-104 '67.

622.3(436)—Hungary

Osochatsky, P. P., and others. - Calculation of water-bearing rocks in shaft sinking under complex mining geological conditions in Hungary. *Shakht. stroit.* 12 no. 12:26-28 D '68.

622.3(471.334)—Voronezh Province

Nikolayev, A. M. - Utilization of the "Bakhtsevo" and "Svirskiy" mines into one enterprise. *Gor. shur.* 144 no. 12:12-15 D '68.

622.3(471.54)—Sverdlovsk Province

Pavlov, L. S. - Mining refractory clays of the "Kamenki" Open-Pit Mine by panel entries. *Gor. shur.* 144 no. 12: 15-18 D '68.

622.3(477)—Ukrainian S.S.R.

Malyshev, I. K., and others. - The R. Liskensburg Mine. *Gor. shur.* 144 no. 12:12-13 D '68.

Prokhorov, A. Z., and others. - Use of the sublevel caving system with ore breaching in light faces at the "Dobrytskaya" Mine. *Gor. shur.* 144 no. 12:67-68 D '68.

Volosin, M. T., and others. - Drainage of the Strikivskiy Open-Pit Mine. *Ugol'Ukr.* 12 no. 10:24-25 O '68.

622.3(477.6)—Donetsk Basin

Bashkov, A. I. - The Donbassgokmash helps the coal miners of the Donetsk Basin. *Ugol'Ukr.* 12 no. 10:1-3 O '68.

Bykov, A. V. - All-Union record of Gorkovskaya mine. *Shakht. stroit.* 12 no. 11:3-5 N '68.

Bykov, A. V. - Daily and weekly planning at the Gorkovskaya Mine. *Ugol'Ukr.* 12 no. 11:15-18 N '68.

Chernikov, A. I. - Use of coal mining potter-kolers for building the "Zapadno-Donbasskaya" No. 4 Mine. *Shakht. stroit.* 12 no. 10:16-17 O '68.

Gorlov, P. I., Leonov, N. V., and others. - Rebuilding ship shaft reinforcement at the "Shchegolevskaya" Mine. *Shakht. stroit.* 12 no. 11: 15-18 N '68.

Kaganovskiy, M. K., and others. - Optimization of parameters of the new level of the "Privol'nytskaya-Ukraina" Mine using electronic digital computers. *Ugol'Ukr.* 12 no. 11: 30-33 O '68.

Polishchikov, P. M. - Degradation during the building of mines in the Donetsk Basin. *Shakht. stroit.* 12 no. 11: 15-18 N '68.

Takosin, K. I., Andreyev, I. M., Zaporozhskiy, I. D. - Opening and developing steeply pitching seams in the Central Region of the Donetsk Basin. *Ugol'Ukr.* 12 no. 10:8-10 O '68.

622.3(478.24)—Azerbaijan S.S.R.

Babeyev, R. M., Akhmedov, A. I. - Effectiveness of acid-salt in the Pechavny-More field and expediency of its use. *Azerb. nef. khim.* 47 no. 12:33-38 D '68.

Shchegolev, Ch. M., Bagirov, R. A. - Factors affecting the properties of oils and ways to increase oil recovery from the "open"-type Kirmak series of the Balakany-Babakany-Bakumay field. *Azerb. nef. khim.* 47 no. 12:8-11 D '68.

622.3(471)—Ashkhabad R. S. F. S. R.

Kagan, I. A. M., Filanovskiy, V. I. - Problems in planning the setting up of equipment in the fields of Western Siberia. *Shakht. stroit.* 12 no. 12:2-3 D '68.

622.3(471.13)—Tyumen' Province

Andreeva, M. I., and others. - Purification of underground waters for the flooding of oil beds. *Izv. vyz. ucheb. zav. i nauch. i inzh. Ser. tekhn. i inzh.* no. 10:44, 50 '68.

622.3(471.17)—Kemerovo Province

Galkin, P. T., and others. - The Tashagol Mine. *Gor. shur.* 144 no. 12:22-24 D '68.

Petrov, I. P. - Mine holders of the Kemerovskiy Basin are ready for the Lenin jubilee. *Shakht. stroit.* 12 no. 11:3-4 N '68.

622.3(478)—Antarctica, South Polar regions

Deep drilling of ice cover at the Byrd Station. *Inform. tsentr. Gos. nauch. eksp.* no. 19:78-80 '68.

622.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals

Agapov, S. K., Oshchinnikov, M. A., and others. - On a problem of the interaction of formations. *Izv. vyz. ucheb. zav. i nauch. i inzh. Ser. tekhn. i inzh.* no. 10:61-63 '68.

Alekseyev, V. - Force of permeation. *Sov. shakht.* 17 no. 11:4-5 N '68.

Along the path of the Great October. *Sov. shakht.* 17 no. 11:1-2 N '68.

Andreyev, P. - From statistics and laboratories; Siberian scientists are creating. *Sov. shakht.* 17 no. 11: 12-13 N '68.

At the Ministry of Coal Industry of the U.S.S.R. *Shakht. stroit.* 12 no. 10:30-31 O '68.

Bashkin, I. U., and others. - On the eve of the 23d Congress of the CPSU. *Shakht. stroit.* 12 no. 12:4-5 D '68.

Belokorov, N. T. - Using the computing technique in normal research work. *Shakht. stroit.* 12 no. 12:1-2 D '68.

Bokarev, I. U. - New frontiers of the gas industry. *Shakht. stroit.* 12 no. 11:1-2 N '68.

Borodina, M., Kalashnikov, A., Taraschuk, O. - Method of close parallel benches. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Breks, A., Mikolashchik, A., Petrenko, A. - Rank payements in the gas industry. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Brudnyy, G. K., and others. - Geochemistry of alkaline metals in formation waters of oil fields. *Azerb. nef. khim.* 47 no. 10:44-47 '68.

Chemical work on the eve of the Congress of the CPSU. *Shakht. stroit.* 12 no. 12:1-2 D '68.

Gofberg, I. U., and others. - Improving the quality of flotation concentrates by acid treatment. *Gor. shur.* 144 no. 12:1-3 D '68.

Gorodkov, P. K., Chapurkov, V. I. - Outfitting water-lowering wells with gravel filters. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Gorlov, A. G. - A progressive method for introducing new fields into production. *Shakht. stroit.* 12 no. 12:1-3 D '68.

Grigorovich, V. - On the level of the achievements of science. *Sov. shakht.* 17 no. 11:12-13 N '68.

Kamenskii, I. U. - Improve the form and methods of managing coal mines. *Ugol'Ukr.* 12 no. 11:8-8 N '68.

Kashchuk, V. F. - Food for housing and social and cultural services as factor in the stimulation of production. *Ugol'Ukr.* 12 no. 11:13-14 N '68.

Krylovskaya, L. - On a visit to the "possession." *Sov. shakht.* 17 no. 11:24-25 N '68.

Kuznetsov, P., and others. - Improving the quality of drilling-blasting operations. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Kuznetsov, Z. - Propaganda today. *Sov. shakht.* 17 no. 11:12-13 N '68.

Likier, B. S., Osovskiy, B. M., Titova, V. M. - Study of the process of forced dissemination of gold placer sediments using a screw-type shaker. *Gor. shur.* 144 no. 12:1-3 D '68.

Makarov, A. G., and others. - Statistical method for the current control of oil production to an incremental total by taking into account the reserves of productivity. *Izv. vyz. ucheb. zav. i nauch. i inzh. Ser. tekhn. i inzh.* no. 10:61-63 '68.

Markovskiy, I. U., Dolgov, I. - Other qualified guidelines to coal mines. *Sov. shakht.* 17 no. 11:8-9 N '68.

Medvedev, M. M., and others. - Some problems in utilizing fixed assets and production capacities of the enterprises of the oil-field machinery industry. *Za tekhn. prog.* 8 no. 12:43-44 D '68.

Nikolashchik, L. - New advantages. *Sov. shakht.* 17 no. 11: 34 N '68.

Nikolashchik, R. A. - Yield of a well in a petroleum pool with a partially permeable bottom. *Izv. AN SSSR. Tekhn. i inzh. Ser. tekhn. i inzh.* no. 10:61-63 '68.

Objectives and prospects for development of the gas industry in the new five-year plan. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Palchik, A. M., and others. - Information system for collecting and operational processing of technical and economic information regarding coal mining enterprises. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Pechkov, V. - If job predicted it. *Sov. shakht.* 17 no. 11:8-9 N '68.

Portashov, M. T. - Scientific organization of production and labor in a coal mine. *Ugol'Ukr.* 12 no. 11:11-12 N '68.

Prigodnyy, V., and others. - Standing shift in honor of the 30th anniversary of Lenin's birthday. *Sov. shakht.* 17 no. 11:3-4 N '68.

Ready to greet the Lenin jubilee. *Sov. shakht.* 17 no. 11: 3-4 N '68.

Rewards of our country for the valorous work. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Rozanov, P. I. - Mines are learning from experiences of the brigades led by I. D. Koshchikov, Hero of Socialist Labor, Lenin Prize laureate. *Shakht. stroit.* 12 no. 12: 24-25 N '68.

Shchegolev, R. M. - Accelerating growth rates of technical and economic indices. *Ugol'Ukr.* 12 no. 10:44-50 '68.

Shchegolev, R. M. - At the all-Union seminar on economic services in coal industry enterprises under conditions of the new economic reform. *Ugol'Ukr.* 12 no. 11:11-12 N '68.

Shchegolev, V. M. - Rectilinear-parallel nonstationary flows caused by alternating water sources distributed in a confined region. *Izv. vyz. ucheb. zav. i nauch. i inzh. Ser. tekhn. i inzh.* no. 10:61-63 '68.

Shchegolev, G. D. - Objectives in the area of capital construction in oil fields. *Shakht. stroit.* 12 no. 12:10-11 D '68.

Time in honor of the anniversary. *Sov. shakht.* 17 no. 11: 3-4 N '68.

Volkov, A. V. - Material balance equations for calculating oil reserves in formations exploited under combination drives. *Trudy KPI VNI no. 17:21-24 '68.*

622.3(436)—Poland

Tyszkiewicz, K. - Operation "Cien." *Sov. shakht.* 17 no. 11:34 N '68.

622.3(471.41)—Tatar A.S.S.R.

Kabanova, M. - Projects of casting-head plants should provide for maximum prefabrication and standardization of structures. *Shakht. stroit.* 12 no. 12:29-30 D '68.

622.3(471.52)—Bashkir A.S.S.R.

Pestrikov, S. V., and others. - Kinetics of the hydrocarbon of aromatic extracts from a kerolite-gas oil fraction of the Arlun petroleum. *Neft' i gaz.* no. 9:1-4 '68.

622.3(471.53)—Dnieper Province

Kochetkov, A. - Characterization of the Urals. *Sov. shakht.* 17 no. 11:10-11 N '68.

Vodop'yanov, V. L., and others. - Economic estimates of the losses and depletion of ore in chambers in mining the Upper Kama potash deposit. *Gor. shur.* 144 no. 12:10-11 D '68.

622.3(471.54)—Sverdlovsk Province

Pavlov, L. S. - Mining refractory clays of the "Kamenki" Open-Pit Mine by panel entries. *Gor. shur.* 144 no. 12: 15-18 D '68.

622.3(471.63)—Krasnodar Territory

Lukashov, V. M. - Some characteristics of the binding of antimony crystals in deposits paragenetically connected with subvolcanics. *Trudy KPI VNI no. 17: 225-230 '68.*

Mamedov, I. A., Zaitinov, S. D., Khaser, M. G. - Study of the effectiveness of corrosion inhibitors in systems of hydrocarbons and water condensates in various fields of Krasnodar Territory. *Izv. vyz. ucheb. zav. i nauch. i inzh. Ser. tekhn. i inzh.* no. 10:44-47 '68.

622.3(471.63)—Kavkaz Territory

Shchegolev, R. A. - First year of profitable operations. *Shakht. stroit.* 12 no. 12:24-25 D '68.

622.3(477)—Ukrainian S.S.R.

Chernikov, N., and others. - Improve the formation and use of a fund for the development of production. *Tr. KPI VNI no. 17:24-25 D '68.*

Coal industry of the Ukraine in the first semester of 1968. *Ugol'Ukr.* 12 no. 11:23-24 N '68.

51st anniversary of the Great October Revolution. *Ugol'Ukr.* 12 no. 11:1-3 N '68.

622.3(477.6)—Donetsk Basin

Bondarenko, I. M., and others. - Scientific organization of labor at the "Ukraina" Coal Mine. *Ugol'Ukr.* 12 no. 11:8-10 N '68.

Moravskiy, M. A. - Reorganization of Mine No. 2 of the "Leningrad" Trust. *Shakht. stroit.* 12 no. 12:19-21 D '68.

Rubla, V. M. - Labor problems discussed at the congresses of the mine owners in Southern Russia. *Tekhn. i inzh. Ser. tekhn. i inzh.* no. 10:44-47 '68.

622.3(478.24)—Azerbaijan S.S.R.

L'vov, I. - Fracturing of oil. *Sov. shakht.* 17 no. 11:3-4 N '68.

Belkina, M. A. - Component equilibrium constants of gas-condensate systems of Azerbaijan gas fields. *Azerb. nef. khim.* 47 no. 10:44-47 '68.

Gusakov, G. G., Akhmedov, M. A., and others. - Catalytic and thermal conversion of the narrow 100-110°C fraction of gas condensates of the Karadag field. *Ukr. nef. i gaz.* no. 9:1-4 '68.

More care should be taken of the everyday needs of petroleum workers. *Azerb. nef. khim.* 47 no. 12:12-13 D '68.

622.3(478.2)—Bulgaria

Dodko, V. A. - Visiting the coal miners of Bulgaria. *Ugol'Ukr.* 12 no. 10:51-53 O '68.

622.3(471)—Ashkhabad R. S. F. S. R.

Kagan, I. A. M., Filanovskiy, V. I. - Problems in planning the setting up of equipment in the fields of Western Siberia. *Shakht. stroit.* 12 no. 12:2-3 D '68.

Rudakov, G. V., Baklanova, V. P. - Changes in the phase state of asphaltenes in West Siberian petroleum. *Neft' i gaz.* no. 9:1-4 '68.

622.3(471.13)—Tyumen' Province

Ignatov, N. P. - Possibilities for building wooden houses in Tyumen' Province. *Shakht. stroit.* 12 no. 12:2-3 D '68.

Leonov, V. V. - Welding and heat-treatment operations in the construction of field pipelines in Tyumen' Province. *Shakht. stroit.* 12 no. 12:1-2 D '68.

Pogachev, K. I., Boryshin, V. G. - Construction in the Tyumen' Province. *Shakht. stroit.* 12 no. 12:2-3 D '68.

622.3(574)—Kazakh S.S.R.

- Ayskov, P. I., Kolesov, V. M., Lopatin, S. S. - Aerial work and difficulties of construction work in the Mangyshlak Peninsula. *Stroi. i stroitel'stvo*, 11 no. 8:14-17 May '68.
- Kozlov, G. V., Petrov, E. I. - Efficient flowchart for ore concentration at the Karan Ore Dressing Plant. *Gor. shur.* 144 no. 12:83-85 D '68.
- Lavri, E. I. - Pipeline for supplying the Mangyshlak Peninsula with water from the Volga River. *Stroi. i stroitel'stvo*, 11 no. 5:17-19 May '68.

622.3(578)—Central Asia

- Baitirov, K. K. - Accelerated completion of the Akchak field. *Stroi. i stroitel'stvo*, 11 no. 8:4-8 Ag '68.

622.3(578.4)—Turkmen S.S.R.

- Turkmenov, P. D. - Equipment for gathering casing-head gas. *Stroi. i stroitel'stvo*, 11 no. 5:50 May '68.
- Turkmenov, P. D. - High-pressure gas-gathering network in the Kotor-tape field. *Stroi. i stroitel'stvo*, 11 no. 5:27-29 May '68.
- Vasilenko, N. I. A. - From the history of the struggle of the Communist Party of Turkmenistan for developing prospecting and geological search operations in the petroleum industry of the republic during the first five-year plan. *Izv. AN Turk. SSR, Ser. obshchestv. nauk.* no. 4:12-18 '68.

622.3(57)—Venezuela

- Lavrenko, L. - Oil and elections. *Mashinostroyeniye*, 11 no. 1:138 '68.

622.4 Mine service, installation, equipment

- Abramov, F. A., Grelatger, B. M., Sobolevskii, V. V. - Investigating the distribution of methane concentration in longwalls during the operation of mining machines with the aid of thermal analysis. *Ugol' Ukr.* 12 no. 10:13-16 O '68.
- Ishak, G. A., and others. - The VTD-18 centrifugal two-way motion fan for coal mines. *Ugol' Ukr.* 12 no. 11:29-31 M '68.
- Oshkov, B. N., and others. - Using electronic digital computers for the study of airflow in stoped-out areas worked by retreating with a counterflow ventilation system. *Shor. i stroitel'stvo* no. 11:14-15 '68.
- Tyrtulnikov, A. S., Mitichenko, V. F., Pimenov, I. A. - Calculation of methane content in coal mines. *Ugol' Ukr.* 12 no. 10:39-41 O '68.

622.4 Mine water. Drainage. Unwatering

- Babli, N. A., and others. - Elimination of water influx in the shaft of the "Krasnaya Zvezda" Mine. *Shakht. stroi.* 12 no. 12:23-25 O '68.
- Baidov, P. F. - Analytic determination of the necessary depth for regulating centrifugal pumps by the number of revolutions. *Shor. i stroitel'stvo* no. 11:72-73 '68.
- Baidov, P. F., Shcherbakova, M. V., Chudachenko, N. S. - Approximation of characteristic curves for centrifugal pumps by polynomial degree three. *Shor. i stroitel'stvo* no. 11:47-49 '68.
- Ishak, G. A., Shcherbakova, M. G., Masurov, A. M. - Mine drainage with jet pumps during the deepening of shafts. *Shakht. stroi.* 12 no. 12:23-24 D '68.
- Isopov, G. A., Shcherbakova, M. G. - Ways of a possible reduction of costs in sinking and operating flooded shafts. *Ugol' Ukr.* 12 no. 11:43-44 M '68.
- Mikhailov, G. K., and others. - Use of correlation analysis in prospecting for condensation water below into shafts. *Gor. shur.* 144 no. 12:88-89 D '68.
- Volkovich, N. T., Orel, I. A. - Drainage of the Strishavskii Open-Pit Mine. *Ugol' Ukr.* 12 no. 10:24-25 O '68.

622.4 Hoisting and handling. Hoisting. Winding

- Alkhasov, V. K., Pulin, A. V., Tishchenko, V. P. - Momentary position control transducer of mechanisms with a 180 mm working gap. *Mash. i avtomat. prov.* 12 no. 5:26-27 '68.
- Arasimov, E. A., Morozov, V. F., Yagorov, P. I. - Study of heat phenomena and the dynamics of paraffin deposition in petroleum pipelines. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 10:77-80 '68.
- Automatic operation of surface discharge chutes when sinking vertical shafts. *Prosn. stroi. i inzh. soor.* 10 no. 4:44 J1-Ag '68.
- Boroditskiy, P. P., Bykov, L. L. - Increasing the efficiency of the operation of above-ground pneumatic pipelines. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 10:66-72 '68.
- Brushechenko, L. P., and others. - Using the probability theory in organizing operations with regard to coal loading. *Shor. i stroitel'stvo* no. 11:81-84 '68.
- Chubov, S. A., and others. - Sedimentation during the storage of highly viscous masses. *Mekhan. i mashinostroyeniye*, 11 no. 1:14-17 '68.
- Gorlov, P. I., Leonov, E. V., Muzafira, S. Sh. - Rebuilding shaft shaft reinforcement at the "Shcherbakovskaya" Mine. *Shakht. stroi.* 12 no. 11:10-12 '68.
- Kozlov, L. I., Boroditskiy, M. K., Kozlovskiy, N. V. - Rebuilding foundation pits for headframe towers under complex environmental conditions. *Shakht. stroi.* 12 no. 11:24-27 M '68.
- Kozlov, E. D. - Building headframe towers for multi-rope hoisting with the aid of self-lifting cranes. *Shakht. stroi.* 12 no. 10:20-23 O '68.
- Kozlov, E. D., Sergeev, V. T. - Analytical calculation of the optimal positioning of remote-control pressure pipelines along the route of a gas pipeline. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 10:72-74 '68.

- Nasolov, M. D., Terekhov, D. K. - Mechanization of minor processes in mine transportation. *Ugol' Ukr.* 12 no. 10:28-29 O '68.
- Petrashko, M. V., Leonov, E. V. - Improvement of the design and building of headframe towers. *Shakht. stroi.* 12 no. 11:1-2 D '68.
- Petrashko, M. V., Malashchuk, V. A. - Removal of grease from ropes of multi-rope hoists. *Gor. shur.* 144 no. 12:82-83 D '68.
- Rosomarenko, V. A., Varkov, R. A., Lysich, V. S. - Modeling the load flow incoming from slopes. *Ugol' Ukr.* 12 no. 11:20-21 M '68.
- Rozanov, V. V., Agapov, V. K., Vysokii, B. G. - Efficient method of doubling the terminal lifting depth of stagel-rope drum hoists. *Gor. shur.* 144 no. 12:47-48 D '68.
- Topilko, A. D., and others. - Flat ropes with hidden sewed-together strands for equalizing deep mine hoists. *Gor. shur.* 144 no. 12:48-49 D '68.
- Tretyakov, A. M. - Determination of ore shaft diameter depending on the size of ore. *Gor. shur.* 144 no. 12:24-25 D '68.
- Tretyakov, A. K., Rask, V. G. - Combined method of coal hoisting in extended longwalls. *Ugol' Ukr.* 12 no. 10:19 O '68.
- Vinogradov, S. A., Gurov, S. G. - Building of headframe towers by cable sections using helicopters. *Shakht. stroi.* 12 no. 11:16-17 M '68.

622.4(574.3)—Belarus S.S.R.

- Razgovor, A. A., and others. - Investigating operating conditions of electric hoists in Belarusian oil shale mines. *Trudy TPL Ser. A* no. 250:17-25 '68.

622.7 Mineral dressing. Ore preparation

- Agapov, M. A. - Calculating oscillations of vibrating machines going through resonances. *Obog. rud.* 11 no. 5:34-36 '68.
- Artemyevskiy, I. M. - Flotation beneficiation of quartz porphyry. *Obog. rud.* 11 no. 5:22-23 '68.
- Bazilik, M. D., Lavrenko, P. V. - Possibility of pneumatic fractionation of loose materials. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 10:67-70 '68.
- Belchenko, L. L., Danilov, G. A., Lavrov, B. P. - Vibration conveyor with self-synchronizing mechanical vibrators, designed by the Scientific Research Institute for the Mechanical Processing of Minerals. *Obog. rud.* 11 no. 5:23-24 '68.
- Danilov, M. V., Nadein, L. A. - Flotation of apatite-sphalerite ore using oil tars as collectors. *Obog. rud.* 10 no. 1:18-19 '68.
- Dobryi, V. V. - Hydraulic classifiers. *Mash. i stroi.* 12 no. 3:12-15 M '68.
- Eleventh International Congress on Mineral Dressing. *Ugol' Ukr.* 12 no. 10:48 O '68.
- Fedorov, M. F., Zolotarev, G. I. A., Popovskiy, A. M. - Spectral determination of sodium in molybdenum products. *Obog. rud.* 11 no. 5:40-51 '68.
- Gerd, R. K. - Effect of granulometric composition and load size of crushed rock in drum-type washer on the speed of clay distillation. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 10:66-70 '68.
- Gilberg, H. S., Sankhshin, V. M. - Improving the quality of flotation manganese concentrates by acid treatment. *Gor. shur.* 144 no. 12:61-63 D '68.
- Ismaylov, L. M. - Industrial testings of conical separators. *Obog. rud.* 11 no. 5:43-44 '68.
- Kaborda, A. L. - Some peculiarities of the flotation of potassium micas. *Obog. rud.* 11 no. 5:31-34 '68.
- Kharin, V. S., Pirogov, B. I. - Correlation between the floatability of iron oxides and their crystal structure. *Obog. rud.* 10 no. 1:13-15 '68.
- Lavrenko, L. L., Gerasimov, A. K., Anisimov, A. A. - Study of pyrite flotation. *Mashinostroyeniye*, 11 no. 1:142-144 '67.
- Lavrenko, M. G., Fedorov, M. F., Gavrilova, V. L. - Spectral determination of small concentrations of silicon in iron-containing products. *Obog. rud.* 11 no. 5:48-49 '68.
- Makarov, N. D., Gaidukov, V. I. - All-Union conference on problems connected with mechanization and automation of ore dressing plants in ferrous metallurgy. *Obog. rud.* 10 no. 1:13-15 '68.
- Mashevskiy, G. M., Polov, M. V. - Flowmeter with rotary disk valve and regulator of pump level on flotation machines. *Obog. rud.* 11 no. 5:40-43 '68.
- Melnyk, G. G., Belyi, V. K. - Automatic regulation of water supply to ball mills. *Gor. shur.* 144 no. 12:83-84 D '68.
- Melnyk, M. I., Zbrova, A. I. - Nature of polarographic waves in detection of gallium compounds. *Izv. vyz. ucheb. zav. i shk. i gas* 11 no. 11:118-120 '68.
- Muraviev, A. V. - Laboratory equipment for the separation of particles according to their form. *Obog. rud.* 10 no. 1:11-12 '68.
- Muraviev, A. V. - Separation of collective concentrates with increased amount of secondary copper sulfides. *Obog. rud.* 11 no. 5:13-14 '68.
- Muraviev, G. M., and others. - Cooling of slaker in elongated slaking furnaces. *Obog. rud.* 10 no. 1:10-11 '68.
- Nedogorodov, D. I. - Analyzing downfalls for separate and simultaneous flotation of sands and silices. *Obog. rud.* 10 no. 1:12-13 '68.
- Nikolov, I. U. P. - Main trends in research and design in the field of ore dressing and pelletizing of concentrates. *Obog. rud.* 10 no. 1:13-14 '68.
- Orel, M. A., and others. - Adsorption of sodium oleate on minerals in the presence of magmatic salt-regulator solutions. *Uzb. khim. shur.* 12 no. 4:31-33 '68.
- Pestov, V. V., Ruzhnikov, V. I. - Industrial testings with regard to the autogenous grinding of pyrite. *Obog. rud.* 10 no. 1:47-50 '68.
- Politskiy, S. L., Kuznetsov, M. I. A., Osipov, N. P. - Solubility of minerals in the flotation pulp in the presence of collectors. *Obog. rud.* 11 no. 5:41-44 '68.
- Povarov, A. L. - Operation of hydrocyclones in comminution cycles. *Obog. rud.* 10 no. 1:10-11 '68.

- Prozorov, I. P. - Ultrasonic densimeter for coal pits. *Ugol' Ukr.* 12 no. 10:48-49 O '68.
- Razgovor, A. A., Il'yeva, O. V., Potapovskiy, T. P. - Selective flotation of iron from solutions of complex composition. *Obog. rud.* 11 no. 5:18-20 '68.
- Rozanov, V. V. - Obtaining pellets from manganese flotation concentrates. *Obog. rud.* 10 no. 1:31-33 '68.
- Rozanov, V. V. - Research and foreign literature on ore dressing. *Obog. rud.* 10 no. 1:55-60 '68.
- Rybakov, V. V. - Disintegration of xanthogenate during the cleaning of copper-molybdenum concentrates with lime. *Obog. rud.* 11 no. 5:18-19 '68.
- Semenov, M. B. - Use of preliminary screening in comminution departments. *Obog. rud.* 10 no. 1:15-16 '68.
- Shupov, L. P. - Heat balances of comminution units. *Obog. rud.* 10 no. 1:45-47 '68.
- Sokol, B. M., Arzhantsevskiy, V. M. - Increasing the extraction of silica crystals from siliceous ores. *Gor. shur.* 144 no. 12:64-67 D '68.
- Symonovskiy, L. I. - Selective flotation of calcic minerals in acid media. *Obog. rud.* 11 no. 5:24-25 '68.
- Tikhonov, O. M. - Selection of trial step in conducting experiments by the steep ascent method. *Obog. rud.* 11 no. 5:48-49 '68.
- Tymoshenko, I. I. - Calculation of production costs with regard to ore dressing plants. *Obog. rud.* 11 no. 5:1-2 '68.
- Ushakov, M. V., Molnar, A. A. - Approximate and economic indices for the grinding without classifying flowsheets. *Obog. rud.* 10 no. 1:44-45 '68.
- Vetshela, V. D., Dvorkin, V. A., Karpenko, V. I. - Advantage of using open radial thickeners with floating lids. *Shakht. stroi.* 12 no. 11:5-7 D '68.

622.7(471.23)—Kazakh Province

- Rumyantseva, M. M., Poshkayev, V. V., Botkova, G. A. - Beneficiation of iron quartzites of the Berovo-Ledinskaya deposit in the Karakum Desert. *Obog. rud.* 11 no. 5:14-15 '68.

622.7(471.5)—Ural regions

- Vinogradov, V. A., Krut'ko, M. D. - Work of P. I. Shvetskiy, an engineer and inventor in the Ural Mountains region; based on the new archival materials. *Uzb. khim. shur.* 12 no. 3:49-50 '68.

622.7(477)—Uzbekistan S.S.R.

- Mozgov, V. I., and others. - Selective comminution of coal silices of the Dneprodzerzhinsk By-Product Coke Plant. *Ugol' Ukr.* 12 no. 11:41-42 M '68.

622.7(574)—Kazakh S.S.R.

- Kozlov, G. V., Petrov, E. I. - Efficient flowchart for ore comminution at the Karan Ore Dressing Plant. *Gor. shur.* 144 no. 12:83-85 D '68.
- Kozlov, L. I., Kozlovskiy, N. V. - Combined flowchart for the dressing of Leninogorsk large impregnated copper-silver ores. *Obog. rud.* 11 no. 5:9-11 '68.

622.7(578.1)—Uzbek S.S.R.

- Ivanov, M. M., Ibragimov, I. K., Maliev, M. M. - Study of granulometric and chemical composition of flotation concentrates from Karan phosphorites. *Uzb. khim. shur.* 12 no. 4:58-61 '68.

622.8 Safety and health protection in mines. Accidents. Damage

- Babli, N. A., and others. - Elimination of water influx in the shaft of the "Krasnaya Zvezda" Mine. *Shakht. stroi.* 12 no. 12:23-25 O '68.
- Balashenko, L. I., Tikhonov, P. S. - Wetting of coal massifs for preventing coal and gas outbursts in development workings. *Ugol' Ukr.* 12 no. 10:23-27 O '68.
- Bilin, P. K., Rol'nik, M. A. - Equipment for automatic signaling of the elimination of breakdowns in coal mines. *Ugol' Ukr.* 12 no. 10:41-43 O '68.
- Boromastovskiy, A. I. - Connection between the sudden outbursts of coal and gas and the secondary loading on the limbs of the main arbolites. *Ugol' Ukr.* 12 no. 11:26-27 M '68.
- Brodnitskiy, A. V., Chirakov, V. A. - Clinical-epidemiological characteristics of diseases of the upper respiratory tract in miners. *Trudy Akad. Nauk. SSSR, Ser. med. i biol. nauch.* 12:474-484 '68.
- Dobryi, V. V., Pavlov, V. V., Bol'shakov, M. I. - Connecting inclined operations in rocks subject to outbursts. *Shakht. stroi.* 12 no. 11:16-18 D '68.
- Ogarev, F. O., Dvorkin, A. V., Dvorkin, V. F. - Determining the concentration of dust and poison gases in conducting blasting operations. *Ugol' Ukr.* 12 no. 10:27-30 O '68.
- Gorlov, P. I. - Shaft sinking through quicksand-type formation with the aid of pile driving. *Shakht. stroi.* 12 no. 10:27-28 O '68.
- Kuznetsov, V. A. - Bettering the quality of dressing drill bits, and improving working conditions of the pinners. *Shakht. stroi.* 12 no. 10:2-3 O '68.
- Melchiorovskiy, A. I. - Problems of securing the stability of mine workings must be solved. *Ugol' Ukr.* 12 no. 10:49 O '68.
- Osipov, S. M., Grahov, A. P., Baryshnikov, S. S. - Monogram method of calculating necessary amounts of inert gases for preventing explosions in fire areas. *Shor. i stroitel'stvo* no. 11:28-34 '68.
- Potashnikov, P. M. - Degasification during the building of mines in the Donets Basin. *Shakht. stroi.* 12 no. 10:18-20 O '68.
- Rozanov, V. V., Melchiorovskiy, I. O., Kozlov, V. F. - Intervention by major workings and opening of coal seams prone to sudden outbursts of coal and gas. *Shakht. stroi.* 12 no. 12:28 D '68.

622.8 (Continued)

- 622.8 (477.8) - Grebenyuk, A. S., Goldovskaya, M. K. - Use of stable cinematography in extinguishing underground fires. *Usp. fiz. i khim. 12* no. 10 43-45 O '63.
- Talre, L. G. - Laws governing changes in the state of an energy system. *Trudy TPI Ser. A* no. 250-3-10 '63.
- Turashvili, S. G., Grebenyuk, A. S., Goldovskaya, M. K. - Prognosis of the stability of mine workings in the pillar system of mining. *Usp. fiz. i khim. 12* no. 10 45-47 O '63.
- V. I. Kuznetsov, I. K. - Clickerless binder for erecting artificial pillars. *Gor. zhur.* 144 no. 12 30-31 D '63.

622.8(477.8) - Donets Basin

- 622.8(477.8) - Donets Basin. *Gor. zhur.* 144 no. 12 30-31 D '63.

622.8(477.8) - Western Ukraine

- 622.8(477.8) - Western Ukraine. *Gor. zhur.* 144 no. 12 30-31 D '63.

622.8(477.8) - Kuznetsk B. S. R.

- 622.8(477.8) - Kuznetsk B. S. R. *Gor. zhur.* 144 no. 12 30-31 D '63.

624 Civil structural engineering

- 624.001.01 - Calculation of cylindrical metal shells. *Trudy TPI Ser. A* no. 250-3-11 '67.
- 624.001.02 - Design of sheet-metal beams. *Trudy TPI Ser. A* no. 250-3-12 '67.
- 624.001.03 - Investigating postbuckling behavior of end web panels of a sheet-metal beam. *Trudy TPI Ser. A* no. 250-3-13 '67.
- 624.001.04 - Studying behavior of the wall of a sheet-metal beam after buckling. *Trudy TPI Ser. A* no. 250-3-14 '67.
- 624.001.05 - Design of deep sheet-metal beams. *Trudy TPI Ser. A* no. 250-3-15 '67.
- 624.001.06 - Investigating the postbuckling behavior of the wall of a sheet-metal beam subjected to shear and bending stresses. *Trudy TPI Ser. A* no. 250-3-16 '67.
- 624.001.07 - Design of prestressed metal beams. *Trudy TPI Ser. A* no. 250-3-17 '67.
- 624.001.08 - Verifying the stability of a model of a compressed and bent rod from creeping material. *Stor. trud. LITIZIT* no. 284 147-153 '68.
- 624.001.09 - Making and testing on a steel reinforced-concrete truss with steel reinforcement. *Prora. stroit. i mash. soor.* 8 no. 3 27-28 My-Je '66.
- 624.001.10 - Dependence of artificial force value on the coordinate of its point of application on bar longitudinal axis. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 28-29 '66.
- 624.001.11 - Modeling elastic plates. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 29-30 '66.
- 624.001.12 - Experimental study of the stability of thin-walled ring reinforced by tight elastic string. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 31-32 '66.
- 624.001.13 - Stress-strain state of prestressed concrete elements under the action of variable load considering concrete creep effect. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 33-34 '66.
- 624.001.14 - Using an analog computer in dynamic calculation of frames and beams subject to the effect of mobile cushioned loads. *Stroit. mekh. i mash. soor.* 10 no. 5 34-35 '66.
- 624.001.15 - Solving a problem of a beam with rigidly fastened edges. *Stroit. mekh. i mash. soor.* 10 no. 5 36-37 '66.
- 624.001.16 - Apparatus for applying bimodal loads. *Mash. stroit.* 22 no. 4 30 Ap '66.
- 624.001.17 - Rod design with a spiral axial line. *Stor. trud. LITIZIT* no. 284 154-155 '68.
- 624.001.18 - Bearing strain characteristics of steel cross girders. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 38-39 '66.
- 624.001.19 - Calculation of least weight trusses by mathematical programming methods. *Stor. trud. LITIZIT* no. 284 156-157 '68.
- 624.001.20 - Designing of plates by the point-matching method. *Stor. trud. LITIZIT* no. 284 158-159 '68.
- 624.001.21 - Use of matrix algorithm in the solution of structural mechanics problems by the method of initial parameters. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 40-41 '66.
- 624.001.22 - Application of the method of boundary equilibrium to the problem of boundary equilibrium under plane stress. *Stroit. mekh. i mash. soor.* 10 no. 5 42-43 '66.
- 624.001.23 - Flexures of eccentrically compressed props under a sustained load. *Prora. stroit. i mash. soor.* 8 no. 3 44-45 My-Je '66.
- 624.001.24 - Rod design diagrams of plates and shells and method of finite elements. *Stor. trud. LITIZIT* no. 284 160-161 '68.
- 624.001.25 - Theoretical and experimental study of deflections of asymmetric I-beam under movable loads considering self-strengthening and tangential stresses. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 46-47 '66.
- 624.001.26 - Assembly of rods of industrial buildings using thin roof shells. *Prora. stroit. i mash. soor.* 8 no. 3 48-49 My-Je '66.

- 624.001.27 - Heat treatment of reinforced-concrete products by the electric heating method. *Stroit. mekh. i mash. soor.* 11 no. 5 50-51 Ag '66.
- 624.001.28 - Making complete sets of structural elements for individual erection stages in a plant-construction combine. *Prora. stroit. i mash. soor.* 8 no. 3 52-53 My-Je '66.
- 624.001.29 - Experimental investigation of prestressed suspension members. *Trudy TPI Ser. A* no. 250-3-18 '67.
- 624.001.30 - Experimental study of suspended roofs with negative curvature and edge beams under strain conditions. *Trudy TPI Ser. A* no. 250-3-19 '67.
- 624.001.31 - Effect of a concentrated force on the plate through the rib. *Stor. trud. LITIZIT* no. 284 162-163 '68.
- 624.001.32 - Stability of trusses with parallel chords. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 54-55 '66.
- 624.001.33 - Effect of a concentrated force on the plate through the rib. *Stor. trud. LITIZIT* no. 284 164-165 '68.
- 624.001.34 - General problem of optimum structural synthesis. *Trudy TPI Ser. A* no. 250-3-20 '67.
- 624.001.35 - Optimal structures and its designing. *Trudy TPI Ser. A* no. 250-3-21 '67.
- 624.001.36 - Nonlinear thermoelectric deformation of a conical sloping shell. *Stroit. mekh. i mash. soor.* 10 no. 5 56-57 '66.
- 624.001.37 - Possibility reduction of weight and cost of steel truss structures for the roofs of industrial buildings. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 58-59 '66.
- 624.001.38 - Possibility to develop E-method with the use of lambs-matrix. *Trudy TPI Ser. A* no. 250-3-22 '67.
- 624.001.39 - Simplification of the solution of a problem by the E-method. *Trudy TPI Ser. A* no. 250-3-23 '67.
- 624.001.40 - Effect of local loads on thin-walled shells. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 60-61 '66.
- 624.001.41 - Characterization of cyclic systems in connection with their calculation using electronic digital computers. *Prora. stroit. i mash. soor.* 8 no. 3 62-63 My-Je '66.
- 624.001.42 - Experimental three-dimensional roof members. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 64-65 '66.
- 624.001.43 - Evaluation of the effect of individual types of braces on the performance of a crossbeam system. *Stor. trud. LITIZIT* no. 284 166-167 '68.
- 624.001.44 - Natural vibrations of continuous plates under random boundary conditions. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 66-67 '66.
- 624.001.45 - Calculating flexible three-layer plates for temperature effects. *Stroit. mekh. i mash. soor.* 10 no. 5 68-69 '66.
- 624.001.46 - Calculating bandable reinforced-concrete elements on the basis of the construction specification and regulation II-V. 1-23. *Prora. stroit. i mash. soor.* 8 no. 3 70-71 My-Je '66.
- 624.001.47 - Use of electronic computers for calculating the frame-work taking into account non-elastic strains in reinforced concrete. *Prora. stroit. i mash. soor.* 8 no. 3 72-73 My-Je '66.
- 624.001.48 - Vibrations of beams under a system of loads moving with variable speeds. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 74-75 '66.
- 624.001.49 - Elastic-plastic deflections at skew bending of thin-walled rods with built-up compressed chord. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 76-77 '66.
- 624.001.50 - Static calculation results of a suspended roof with negative curvature and fixed number of cables. *Trudy TPI Ser. A* no. 250-3-24 '67.
- 624.001.51 - Elastic-plastic deflections at skew bending of thin-walled rods with built-up compressed chord. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 78-79 '66.
- 624.001.52 - Calculation of an elastic beam by the stress-strain method. *Trudy TPI Ser. A* no. 250-3-25 '67.
- 624.001.53 - Design of prestressed continuous metal beams under mobile load. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 80-81 '66.
- 624.001.54 - Truss-holding truck with moving supports. *Prora. stroit. i mash. soor.* 8 no. 3 82-83 My-Je '66.
- 624.001.55 - Transmission of load from a finite length rib of an elastic plate. *Stroit. mekh. i mash. soor.* 10 no. 5 84-85 '66.
- 624.001.56 - Method of approximate calculation of the pure bending resistance of a cantilever beam. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 86-87 '66.
- 624.001.57 - Design of short roof shells with skylight apertures for industrial buildings. *Prora. stroit. i mash. soor.* 10 no. 5 88-89 My-Je '66.
- 624.001.58 - Calculating wind load resistance of high-rise buildings. *Zh. inzh. stroit.* 11 no. 3 90-91 '66.
- 624.001.59 - Improving the methods for making prestressed reinforced-concrete beam structures. *Prora. stroit. i mash. soor.* 8 no. 3 92-93 My-Je '66.
- 624.001.60 - Calculation of anisotropic rectangular plates. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 94-95 '66.
- 624.001.61 - Evaluating the elastic behavior of reinforced concrete structures taking into consideration concrete creep deformations. *Stor. trud. LITIZIT* no. 284 168-169 '68.
- 624.001.62 - Effect of creep on "overall" stability. *Stroit. mekh. i mash. soor.* 10 no. 5 96-97 '66.
- 624.001.63 - Increase of the bearing capacity of the embedded parts of hydraulic structure gages. *Energy. stroit.* no. 11 98-99 '66.
- 624.001.64 - Sectional one-story industrial building with a hinged suspension roof. *Prora. stroit. i mash. soor.* 8 no. 3 100-101 My-Je '66.
- 624.001.65 - Nonlinear vibrations of a rectangular plate with rigid edge restraint. *Trudy TPI Ser. A* no. 250-3-26 '67.

- 624.001.66 - Assembly of cooling towers from precast concrete. *Stroit. mekh. i mash. soor.* 10 no. 5 102-103 My-Je '66.
- 624.001.67 - Determining torque inertia for one rails. *Stroit. mekh. i mash. soor.* 10 no. 5 104-105 My-Je '66.
- 624.001.68 - Determining the load on temporary supports in hydraulic engineering work in rock with the possibility of creep. *Energy. stroit.* no. 11 106-107 '66.
- 624.001.69 - Calculation of plates by the E-method. *Trudy TPI Ser. A* no. 250-3-27 '67.
- 624.001.70 - Nonlinear bending with finite strains; problems of convergence. *Trudy TPI Ser. A* no. 250-3-28 '67.
- 624.001.71 - Determining basic frequency of mechanical non-linear oscillations of a plate with string with clamped deflection. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 108-109 '66.
- 624.001.72 - Nonlinear oscillations of a flexible nonstretchable filament. *Stroit. mekh. i mash. soor.* 10 no. 5 110-111 '66.
- 624.001.73 - Shear stability of an elastic plate. *Stroit. mekh. i mash. soor.* 10 no. 5 112-113 '66.
- 624.001.74 - Approximate determination of stress in the zone of the crack of a reinforced concrete plate. *Stroit. mekh. i mash. soor.* 10 no. 5 114-115 '66.
- 624.001.75 - Experimental and theoretical study of stability of a corrugated plywood wall. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 116-117 '66.
- 624.001.76 - Supporting power of spirally reinforced concrete elements. *Trudy TPI Ser. A* no. 250-3-29 '67.
- 624.001.77 - Calculating beams taking into account plastic deformations. *Stroit. mekh. i mash. soor.* 10 no. 5 118-119 '66.
- 624.001.78 - Present state of further development of the coiling method. *Mash. stroit.* 22 no. 4 120-121 Ap '66.
- 624.001.79 - Effect of concrete creep on the stress-strain state of cylindrical reinforced concrete shells in flanged edge elements. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 122-123 '66.
- 624.001.80 - Construction of a local gas flame for peak-load boilers. *Energy. stroit.* no. 11 124-125 '66.
- 624.001.81 - Quality control of reinforced-concrete roof beams. *Prora. stroit. i mash. soor.* 8 no. 3 126-127 My-Je '66.
- 624.001.82 - Determining strains in steel structures by the photoelasticity method. *Prora. stroit. i mash. soor.* 8 no. 3 128-129 My-Je '66.
- 624.001.83 - Training of mechanical engineers in the enterprises of construction industry. *Mash. stroit.* 22 no. 4 130-131 Ap '66.
- 624.001.84 - A three-roll mill roller with a hydraulic transformer. *Mash. stroit.* 22 no. 4 132-133 Ap '66.
- 624.001.85 - Prestressing cylindrical expansion shells by electroformed tensioning of any ropes. *Prora. stroit. i mash. soor.* 8 no. 3 134-135 My-Je '66.
- 624.001.86 - Single purpose recognition of stationally isotropic materials. *Stor. trud. LITIZIT* no. 284 170-171 '68.
- 624.001.87 - Calculating intersecting system in boundary equilibrium stage. *Stroit. mekh. i mash. soor.* 10 no. 5 136-137 '66.
- 624.001.88 - Building ferroconcrete slabs from large-diameter structures. *Stroit. mekh. i mash. soor.* 10 no. 5 138-139 My-Je '66.
- 624.001.89 - Experimental study of prestressed aluminum alloy truss under plastic deformation conditions. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 140-141 '66.
- 624.001.90 - Calculating the carrying capacity of shells of revolution of constant thickness having supports with a sharp increase in meridional curvature. *Stroit. mekh. i mash. soor.* 10 no. 5 142-143 '66.
- 624.001.91 - Calculation of prestressed reinforced-concrete shells of revolution. *Trudy TPI Ser. A* no. 250-3-30 '67.
- 624.001.92 - Analysis based on spectral data of the reliability of carrying capacity of shells of revolution of constant thickness having supports with a sharp increase in meridional curvature. *Stroit. mekh. i mash. soor.* 10 no. 5 144-145 '66.
- 624.001.93 - They ought to be introduced. *Prora. stroit. i mash. soor.* 8 no. 3 146-147 My-Je '66.
- 624.001.94 - Experimental investigation of the carrying capacity of eccentrically compressed metal pipes filled with concrete. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 148-149 '66.
- 624.001.95 - Variant N-method for calculating the stability. *Trudy TPI Ser. A* no. 250-3-31 '67.
- 624.001.96 - Calculation of plates using a yielding beam model in competition design. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 150-151 '66.
- 624.001.97 - Stability of a support centrally compressed by several forces. *Stroit. mekh. i mash. soor.* 10 no. 5 152-153 '66.
- 624.001.98 - Matrix variation of the Timoshenko-Ritz method for the problems of strength, stability, and vibrations of continuous, bent with supports, and supported on an elastic base. *Izv. vyz. uchob. zav.; stroit. i mash. soor.* 11 no. 3 154-155 '66.
- 624.001.99 - Creation of shell structures of a large-span roof by the moving-plate method. *Mash. stroit.* 22 no. 4 156-157 Ap '66.
- 624.002.00 - Industrialization of building work. *Prora. stroit. i mash. soor.* 8 no. 3 158-159 My-Je '66.

624(477.8) - Poland

- 624(477.8) - Poland. *Prora. stroit. i mash. soor.* 8 no. 3 160-161 My-Je '66.

634(477)—Ukraine S. S. R.
Erection devices of the efficiency promoter I. Glinchov.
Prom. stroit. i mash. soor. 8 no. 3:48 Mr-Apr '68.

634(53)—Japan
Kopache, V. M. - From the experience in construction work in Japan. Mont. i spets. rab. v stroit. 18 no. 3:24-M F '68.

634(574)—Kazakh S. S. R.
Avalov, P. I., Kolesova, V. M., Lopatin, S. S. - Achievements and difficulties of construction work in the Masg'yahak Peninsula. Stroit. i mash. soor. 11 no. 3:14-17 My '68.

634.1 Earthwork. Foundations. Substructures. Tunneling
Abramson, M. - Device for the forced sinking of caissons. Prom. stroit. i mash. soor. 8 no. 3:18 Mr-Apr '68.

Abramov, O. D., Basov, I. G., Zeligor, F. F. - Cutting frozen soil with chains and cutters. Stroit. i mash. soor. 13 no. 3:12-15 Je '68.

Arifov, V. F. - Boring machine with a large capacity hydraulic drive. Mash. stroit. 23 no. 3:27 Mr '68.

Artemov, A., Zharovskiy, I. - Schemes for controlling the density of caissons under the foundation of buildings. Prom. stroit. i mash. soor. 8 no. 3:33 Mr-Apr '68.

Artemov, M. K., Morgulis, L. A. - Earthmoving equipment ought to be used more effectively. Stroit. i mash. soor. 11 no. 3:15-M F '68.

Bashkova, B. V., Ignat'ko, M. T. - Improved breakdown indicator for pile driving work. Transp. stroit. 16 no. 12:40-42 D '68.

Bozhimov, S. I. - Jig for pile driving. Mash. stroit. 23 no. 4:21 Ap '68.

Bol'she, M. L., and others. - Water drainage and deep level water lowering at the construction site of the Siberian State Regional Electric Power Plant. Energ. stroit. 10 no. 12:6-9 '68.

Bol'she, M. L. - Working frozen grounds. Mash. stroit. 23 no. 4:16-M Ap '68.

Bugel, M., Mikolayevskiy, L., Dubovyy, B. - Building a scale separation tank for the "50-4" light-arc steel mill. Prom. stroit. i mash. soor. 8 no. 3:14-6 My-Je '68.

Chernyavskiy, I. U. - Investigating the operation of lock mechanisms in pressure piles with expansion spurs. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 3:88-94 '68.

Dobinskii, A. A., Medvedev, R. A. - Determining standard and rated characteristics of soil strength. Trudy Stroy. i Mash. Stroit. no. 30:108-109 '68.

Dramkov, A., and others. - Watertight membranes made from polymeric films as a protection for settling foundation beds against water penetration. Prom. stroit. i mash. soor. 10 no. 4:21-22 Ji-Ag '68.

Dzharov, S. D. - Rotary soil-lifting mechanism in suction dredges. Mash. stroit. 23 no. 3:16-17, 19 Mr '68.

Ere'lanov, U. - New methods for working frozen ground. Stroit. i mash. soor. 11 no. 12:13-14 D '67.

Kalishnikov, A. M. - Research in the laboratory of cold regimes of rivers and reservoirs concerning physical properties of ice, building and construction materials, as applied to improving the operation and construction conditions of hydroelectric power plants in cold regions. Trudy koord. soveshch. po gidrotekhn. no. 10:10-17 '64.

Orlov, G. A., Dolzhenkov, I. L. - Determining boundaries of rigid, elastic and plastic areas in a free-flowing medium. Stroitel'skiy razuch. soor. 10 no. 5:14-18 '68.

Ottomov, V. - Vibration-proof large hammer base. Prom. stroit. i mash. soor. 10 no. 4:21-22 Ji-Ag '68.

Oshchepov, V. M., and others. - Water saturation of the bed water on experimental building built on a sand embankment and type I settling soils. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 3:30-37 '68.

Oshchepov, P. E., Oshchepov, V. I. - Offsetting water-lowering wells with gravel filters. Mont. i spets. rab. v stroit. 18 no. 12:25-26 D '68.

Igor'nikov, M. I. - Layout of pile foundations in high temperatures permanently frozen silts. Transp. stroit. 16 no. 12:24-26 D '68.

Kartavskiy, M. M. - Possibilities for reducing the volume of earthwork in the construction of flooding systems. Stroit. i mash. soor. 11 no. 3:30-31 My '68.

Khatel, M. I. A. - Hoisting mechanisms for the performance of tunneling operations at the Murai Hydroelectric Power Plant. Energ. stroit. 10 no. 12:27-28 '68.

Khramov, G. L., Shchegolev, V. M. - Studying the strain of concrete in caissons. Mont. i spets. rab. v stroit. 18 no. 3:23-27 F '68.

Kholodovskiy, A. I. - Experience in waterproofing of operating tunnels should be taken into consideration in tunnel design. Transp. stroit. 16 no. 12:19-20 D '68.

Kholodovskiy, M. V. - Processes in the earth's crust from the viewpoint of engineering geology. Kozna. kora i detal. shch. no. 4:19-22 '67.

Kondra, A. S. - Investigating soil slickness and suggestions for its elimination. Gov. i stroit. i mash. soor. 8 no. 3:204-21 '68.

Morin, V. P., Mikulinov, P. E. - Overall mechanization of piling through a transportation tunnel. Transp. stroit. 16 no. 12:15-16 D '68.

Korobova, I. A. - Analysis of the deformation of a bar in the Klavdey port area. Trudy Stroy. i Mash. Stroit. no. 30:119-120 '68.

Korotkiy, V. - Mechanization of piling work. Ma stroit. i mash. soor. 10 no. 10:19-20 O '68.

Korotkiy, O. L., Mikolayevskiy, L., Kuznetsov, E. - Sinking an oilcase onshore with Gaboritop coating. Prom. stroit. i mash. soor. 10 no. 4:11-14 Ji-Ag '68.

Lager, A. I., and others. - Rapid making of hydraulic engineering tunnels. Mash. stroit. 23 no. 12:17-19 N '68.

Lavin, A. S. - Change of pulse spectrum during sound ranging of geomorphologies in the near seabottom layer of soil. Trudy Stroy. i Mash. Stroit. no. 30:174-180 '68.

Lopatin, O., Tioris, L., Fedosov, A. - Prestressed concrete piles with high-strength reinforcement. Bud. mat. i konstr. 19 no. 3:31-35 Mr-Apr '68.

Lyko, B. G., Sergeev, I. S. - 5-948-driving tubular diesel hammer. Stroit. i mash. soor. 13 no. 6:4-5 Je '68.

Mikhailov, V. G. - Investigating deformations of the basic level of the roadbed. Transp. stroit. 16 no. 12:14-15 D '68.

Mikhaylov, G. D. - Changes in the resistance to shift of clay when freezing and thawing occur. Transp. stroit. 16 no. 12:27-28 D '68.

Molotov, V. M., Gromovskiy, I. I. - Determining the loads on temporary supports in hydraulic engineering tunnels in rock with the possibility of cave-ins. Energ. stroit. 10 no. 12:31-32 '68.

Molotov, I. A. - Changes in the chemical composition of marine sediments under the effect of electric consolidation. Trudy Stroy. i Mash. Stroit. no. 30:118-120 '68.

Moschov, S. - Soil stabilization by vertical drain pipes. Prom. stroit. i mash. soor. 8 no. 3:17-20 Mr-Apr '68.

Oguzov, A. O. - Investigating the strain conditions of underground flexible pipes. Energ. stroit. 10 no. 12:60-62 '68.

Perelashchikov, M. A., and others. - Pile foundations in the construction of thermoelectric power plants. Energ. stroit. 10 no. 12:14-16 '68.

Perich, A. I. - Improved designs of foundations of surface structures should be taken into use. Stroit. i mash. soor. 11 no. 3:12-15 F '68.

Petrov, A. P. - All-Union school for aeroper work. Mash. stroit. 23 no. 3:30-31 Mr '68.

Petrovskiy, M. M. - Hydraulic power engineering and the problems of ice engineering research. Trudy koord. soveshch. po gidrotekhn. no. 10:8-9 '64.

Pevzner, A. I., and others. - Construction of pile with concreting of walls in deep trenches under clay mortar. Mont. i spets. rab. v stroit. 18 no. 7:18-19 Ji '68.

Polishchuk, V. I., Gerasimov, B. P. - Vibrations for working frozen grounds. Mash. stroit. 23 no. 3:28 Mr '68.

Poklad, G. G. - Reactive resistance of the soil at the foundation sole of reinforced large-panel buildings. Mash. stroit. 23 no. 11:14-16 N '68.

Reznikov, O., and others. - Grouted slag caissons for the foundations of buildings. Prom. stroit. i mash. soor. 8 no. 3:23-24 My-Je '68.

Rozhnichuk, D. V. - Method for calculating screw cutters of section dredges. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 3:12-13 F '68.

Rybnikov, A. I. - DREDGE-63-2 machine should be a part of a mechanized complex. Mash. stroit. 23 no. 3:23 Mr '68.

Shapovalov, P. A. - Brineless freezing of rocks by circulation of supercooled cooling agents. Mash. stroit. 23 no. 11:4-5 N '68.

Shchegolev, L. - Deformation characteristics of sand around the piles driven into loading holes. Prom. stroit. i mash. soor. 10 no. 4:19-20 Ji-Ag '68.

Shchegolev, M. M. - Pausing of ice during construction period through partly built structures on Siberian rivers. Trudy koord. soveshch. po gidrotekhn. no. 10:118-119 '64.

Skopin, E. L., Krasov, F. A. - Carrying out horizontal workings with the use of underground mobile freezers. Mash. stroit. 23 no. 11:17-18 N '68.

Taraplov, I. O. - Sinking leader wells in frozen ground with pile driving. Mash. stroit. 23 no. 4:20-21 Ap '68.

Tatarinov, K. V. - Selection of geometrical shapes for concrete cutting blades. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 8:23-31 '68.

Trepak, M. G. - A method of rock freezing in the U. S. S. R. Mash. stroit. 23 no. 10:13-6 O '68.

Tsytochik, M. A., Vasilev, V. A., Myrova, M. V. - Using ice as waterproof element in rock-fill dam constructions. Trudy koord. soveshch. po gidrotekhn. no. 10:122-123 '64.

Udov, for heating frozen ground. Prom. stroit. i mash. soor. 10 no. 4:23 Ji-Ag '68.

Ushakov, M. D. - Effect of cutting speed on the outline of earth side collapse scars. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 3:127-140 '68.

Vibration impact machines for scarifying frozen soils. Mash. stroit. 23 no. 4:23 Ap '68.

Vidukov, S. V. - Landforms as a basis for studying man's habitation models from the viewpoint of hydrology and engineering geology. Kozna. kora i detal. shch. no. 4:40-45 '67.

Volkov, D. P., Bogoroditskiy, M. D., Vasil, B. G. - Studying the effect of mass ratio of permeation tool working parts on its impact force when working frozen ground. Inv. vyz. ucheb. sav. i stroit. i mash. soor. 11 no. 8:166-173 '68.

634.1(571.81)—Krasnoyarsk Territory
Larin, I. S., Pridval'skiy, R. I. - Sectional foundation for a 600 Mw turbine unit at the Krasnoyarsk State Regional Electric Power Plant. Energ. stroit. 10 no. 12:9-14 '68.

634.1(574)—Kazakh S. S. R.
Vinogradov, M. R. - Special features of investigations for purposes of engineering geology in the electrification of the Kazakhstani railroads. Transp. stroit. 16 no. 12:38-40 D '68.

634.3 Superstructures. Bridges

Dikhts, M. M., Morav, A. V. - Timely repair of cracks. Put' i put. khoz. 11 no. 10:36-37 '68.

Kolbach, V., Engelbrecht, J. - Design of suspended roofs with negative curvature and fixed number of cables. Trudy TPI, Ser. A. no. 240:38-46 '67.

Marina, G. A. - Automatic and semi-automatic submerged-arc welding of bridge elements. Svar. protiv. no. 3:16-18 Ag '68.

Mikolayev, I. U. M., Melnikov, I. U. L., Zakharov, I. V. - Closing bridge spans at low temperatures. Transp. stroit. 16 no. 12:12-16 D '68.

Myskil, V. V. - Lateral compression of structures by bridge piers. Transp. stroit. 16 no. 12:40-41 D '68.

Shchegolev, A. - Use of OREK-80 and OREK-130-17, 8 crawler cranes for the installation of spans. Transp. stroit. 16 no. 12:24-28 D '68.

Vlasov, O. M. - Determining the bearing and principal stresses in elements with variable heights of cross sections. Transp. stroit. 16 no. 12:47-48 D '68.

634.1(574)—Kazakh S. S. R.
Golovinskiy, V. S., and others. - Construction of a highway bridge crossing the Marya River. Transp. stroit. 16 no. 12:9-11 D '68.

634.1(571)—Canada
Lecovskiy, M. - New bridge across the Columbia River in Canada. Prom. stroit. i mash. soor. 8 no. 3:38-39 Mr-Apr '68.

634.1(574)—Arctic and North Polar regions
Tatarskiy, P. B. - Construction of a bridge beyond the Arctic Circle. Transp. stroit. 16 no. 12:12-13 D '68.

634.1 Railway engineering. Equipment and track
Babitskiy, V. B. - New methods of management for railroad construction. Zhel. dor. transp. 50 no. 9:73-77 S '68.

Bezzarekhi, M. P. - Laying of the top side down proceed semiautomatic. Put' i put. khoz. 11 no. 10:26-28 '68.

Belonov, B. A. - Expediency of laying heavy rails on narrow gauge railways. Svar. i mash. soor. 11 no. 12:11-12 '67.

Bilev, L. E. - Design of one-sided symmetrical turn-out switches with the aid of electronic digital computers. Svar. i mash. soor. 11 no. 12:11-12 '68.

Bromberg, M. M. - Stability of a continuous rail track over asbestos ballast. Trudy TSNII MPB no. 304:95-117 '68.

Bromberg, M. M., Zverev, M. D. - Continuous rail track on curves. Trudy TSNII MPB no. 304:31-31 '68.

Burdonov, S. K. - Effectiveness of large sized line sections for track repair. Zhel. dor. transp. 50 no. 9:13-17 S '68.

Chirnov, M. S. - Calculating the stability of a continuous rail track during its raising by jacks. Trudy TSNII MPB no. 304:74-76 '68.

Chirnov, M. S. - Experimental investigation of the stability of a continuous rail track during repair work. Trudy TSNII MPB no. 304:52-57 '68.

Dolgalev, V. A. - Automatic block system using parametric elements with a 90-degree phase difference in signals of adjacent block sections. Trudy RIKHT no. 44:87-110 '67.

Dolgalev, V. A. - Parametric devices in railroad automation. Trudy RIKHT no. 44:87-110 '67.

Dolgalev, V. A. - Determining stability coefficients for physical modeling of electric reactors. Trudy RIKHT no. 44:87-110 '67.

Dolgalev, V. A. - Optimal parameters of a traction substation filter when increasing the voltage to 6.6 kv. Trudy RIKHT no. 44:87-110 '67.

Dolgalev, V. A. - Calculation of droops with alternating parameters by means of successive intervals. Trudy RIKHT no. 44:87-110 '67.

Dolgalev, V. A., Krogolov, M. L. - Designing a circuit with a capacitor microphone by means of the successive intervals method. Trudy RIKHT no. 44:87-110 '67.

Klimov, V. P. - Residual stresses in rails. Svar. i mash. soor. 11 no. 12:11-12 '68.

Ligutskiy, E. P. - Theory of semiconductor time relays with cumulative capacitance. Trudy RIKHT no. 44:87-110 '67.

Germak, M. F. - Special features of electrodynamic forces in disc windings of small reactors. Trudy RIKHT no. 44:87-110 '67.

Gervich, A. K., Krag, G. A., Shapovalov, P. F. - UED-MIM-6M ultrasonic defectoscopes. Put' i put. khoz. 11 no. 10:16-18 '68.

Il'kov, V. F., and others. - Study of elastodynamic characteristics of track on level surfaces. Svar. i mash. soor. 11 no. 12:11-12 '68.

Il'kov, V. F., Semenov, I. I. - Interaction between track and rolling stock in the presence of rough spots existing simultaneously on the wheels and on the rails. Svar. i mash. soor. 11 no. 12:11-12 '68.

Il'kov, V. F., Semenov, I. I., Semenov, I. I. - Technical and economic efficiency of installing new turnout switches. Svar. i mash. soor. 11 no. 12:11-12 '68.

Isakov, V. A. - Portable automatic block signaling device in action. Put' i put. khoz. 11 no. 10:16-18 '68.

Kogal, M. G., Parlov, M. S. - Perfection of defectoscopes is being improved. Put' i put. khoz. 11 no. 10:16-18 '68.

Korotkiy, A. A., Shchegolev, A. M., Kravchenko, S. A. - Adequate profiles of a roadbed in districts subject to snowdrifts. Transp. stroit. 16 no. 12:47-48 D '68.

Korotkiy, O. L. - Measuring average temperatures of windings of single-phase electric machines by means of a single probe additional load and a divided capacitance. Trudy RIKHT no. 44:87-110 '67.

Korotkiy, O. L. - Measuring average temperatures of windings on three-phase electric machines by means of separate filaments. Trudy RIKHT no. 44:87-110 '67.

635.1 (Continued)

Korolov, G. I. - Measuring average temperatures of windings on three-phase electric machines by means of a single cycle additional load. *Trudy RIKHT* no. 89: 48-49 '67.

Kryukov, L. G. - Tolerance between the wheel flange and the rail. *Prikl. put. khoz.* II no. 10:31-32 '68.

Kukharov, N. M. - Exact curve-fit and stability of transportation structures. *Transp. stroi.* 18 no. 12:26-27 D '68.

Lytov, V. G., Lebedev, M. I. - New mechanisms for raising and straightening the track. *Transp. stroi.* 18 no. 12:25-27 D '68.

Makalimov, V. G. - Investigating deformations of the basic level of the roadbed. *Transp. stroi.* 18 no. 12:34-36 D '68.

Miyank, P. F. - Gauges for checking reinforced concrete ties. *Prikl. put. khoz.* II no. 10:31-32 '68.

Plashin, S. A. - Preparations for winter track maintenance should be done on time. *Prikl. put. khoz.* II no. 10:1-4 '68.

Perzhin, S. P. - How to install and regulate joint gaps. *Prikl. put. khoz.* II no. 10:33-34 '68.

Pokhronov, V. I. - New rail length sorting machines in the regional track machinery station No. 27. *Prikl. put. khoz.* II no. 10:13-15 '68.

Popovskiy, V. V. - Investigation of contact devices of power thermistors. *Trudy RIKHT* no. 89:72-77 '67.

Popko, V. V. - Calculating transient processes in a circuit with power thermistors. *Trudy RIKHT* no. 89:55-61 '67.

Popko, V. V., Gerasimov, L. R. - Hydrodynamic investigations of power thermistors. *Trudy RIKHT* no. 89:12-30 '67.

Popko, V. V., Popovskiy, V. V. - Contact devices of power thermistors. *Trudy RIKHT* no. 89:60-71 '67.

Rafis, L. V. - Spatial nets. *Trudy RIKHT* no. 89:21-35 '67.

Streling, G. - New in techniques in the construction industry. *Na stroi. Ross.* 8 no. 12:26 D '67.

Shul'chenko, P. A., Losov, A. G. - Preparation of railroad stations and railway maintenance for high speed traffic. *Zh. dor. transp.* 10 no. 8:22-25 '68.

Shorodunov, G. K. - Design of rail fasteners and its effect on decreasing the vibrations and noise. *Stro. i. inzh. stroi.* no. 2:90-96 '68.

Skvortsov, G. S., Shvarts, M. F. - Improving the quality of rails. *Zh. dor. transp.* 8 no. 9:44-47 '68.

Smirnov, M. P. - Stresses in the transition zone between the rail head and neck under the action of a lateral force. *Stro. i. inzh. stroi.* no. 2:90-96 '68.

Strochakov, A. A., Krut'kov, N. S. - Frogs will have longer life. *Prikl. put. khoz.* II no. 10:19 '68.

Varygin, N. S. - What crossed alone should be like. *Prikl. put. khoz.* II no. 10:37-39 '68.

Zakirov, P. S. - Classification of sectors subject to sand drifts. *Prikl. put. khoz.* II no. 10:43-45 '68.

Zaporozhets, L. G. - Wall wishes to designers. *Prikl. put. khoz.* II no. 10:18-19 '68.

Izverov, M. R. - Special features of temperature conditions in the equatorial sector of a continuous rail track. *Trudy TSNII MTP* no. 36:115-177 '64.

Izverov, M. R. - Stability of a continuous rail track in the zone of an equatorial sector. *Trudy TSNII MTP* no. 36:177-27 '64.

636.1(471.63)—Krasnodar Territory

Vladimirov, K. P. - Achievements are being consolidated. *Prikl. put. khoz.* II no. 10:7-8 '68.

636.1(571)—Azhio R. S. F. S. R.

Inozemtsev, A. A., and others. - Network planning is being introduced. *Prikl. put. khoz.* II no. 10:8-9 '68.

636.1(578)—Central Asia

Krasovskiy, I. A., A. - Mechanisms replace manual labor. *Prikl. put. khoz.* II no. 10:8-10 '68.

635.2 Rolling stock, locomotives, etc.

Blash, I. V. - Material incentive and quality control in car overhaul. *Zh. dor. transp.* 10 no. 8:63-65 '68.

Bolshakov, G. F., Lavrenko, L. A. - Combined power installation for switching locomotives. *Zh. dor. transp.* 10 no. 8:61-64 '68.

Gromov, K. I. - Overhaul of electrical equipment on the TD-8 track maintenance car. *Prikl. put. khoz.* II no. 10:33-35 '68.

Ishov, V. F., Semenov, I. I. - Interaction between track and rolling stock in the presence of rough spots existing simultaneously on the wheels and on the rails. *Stro. i. inzh. stroi.* no. 2:90-96 '68.

Ishov, V. F., Semenov, I. I., Abrosimov, V. I. - Wobbling of cars at high train speeds. *Stro. i. inzh. stroi.* no. 2:90-96 '68.

Kryukov, L. G. - Tolerance between the wheel flange and the rail. *Prikl. put. khoz.* II no. 10:31-32 '68.

Moshonkov, A. M., Kolesko, I. A., Borovik, A. K. - Scientific organization of labor in a refrigerator car depot. *Zh. dor. transp.* 10 no. 8:61-64 '68.

Parafimov, K. I. - Principal error component in the weighing of coupled railroad cars. *Inzh. tekhn.* no. 10:10-11 '68.

Rogozhskiy, A. A., and others. - Investigating operating conditions of electric hoppers in Estonian oil shale mines. *Trudy TPI Ser. A* no. 250:17-30 '68.

Sukrov, M. P. - Stresses in the transition zone between the rail head and neck under the action of a lateral force. *Stro. i. inzh. stroi.* no. 2:90-96 '68.

Valovskiy, B. N. - Study of the reliability of the traction equipment of VL-8 series electric locomotives. *Elektrotekhnika* 80 no. 11:23-24 M '68.

635.4 Elevated and underground railways

Bek-Mustarov, B. A. - Erection of a subway track. *Transp. stroi.* 18 no. 12:80 D '68.

635.7 Highway, road engineering

Gelling, V. V. - Machine grade of auxiliary roads during line construction in high-mountain locations. *Stro. i. inzh. stroi.* no. 12:47-53 '68.

Oskovits, V. R., and others. - Construction of a highway bridge crossing the Murza River. *Transp. stroi.* 18 no. 12:9-11 D '68.

Krashev, A. F. - Synthesis of a system of planetary reducers and reverse reducers. *Stro. i. inzh. stroi.* 13 no. 6:11-13 Ja '68.

Malavskiy, A. G., Gorovod, A. I. - Dependence of the turning resistance of dual caterpillar tractors on the turning radius. *Stro. i. inzh. stroi.* 13 no. 6:25-27 Ja '68.

Malavskiy, B. A. - Device for cutting walls for the installation of hydroformulation. *Stro. i. inzh. stroi.* 13 no. 6:28-3 Ja '68.

Piotrovskiy, I. A., Barabash, R. S. - New D-942 snowplow. *Stro. i. inzh. stroi.* 13 no. 6:2-3 Ja '68.

635.8 Paving of roads. Wearing surfaces

Dokov, I. V. - Unit for filling cracks in asphalt-concrete surfaces. *Stro. i. inzh. stroi.* 13 no. 6:7 Ja '68.

Kovalev, I. A. - Time factor in the setting (and of transport) load effects on asphalt concrete pavements. *Inzh. vyz. soobsh. sav.* stroi. i. inzh. stroi. II no. 6:178-181 '68.

Krashev, A. F. - Synthesis of a system of planetary reducers and reverse reducers. *Stro. i. inzh. stroi.* 13 no. 6:11-13 Ja '68.

Malavskiy, A. G., Gorovod, A. I. - Dependence of the turning resistance of dual caterpillar tractors on the turning radius. *Stro. i. inzh. stroi.* 13 no. 6:25-27 Ja '68.

Matveev, A. I. - S-872 cement tank truck. *Stro. i. inzh. stroi.* 13 no. 6:1-3 Ja '68.

Stralov, V. - Design of road pavements with soil cement base. *Inzh. vyz. soobsh. sav.* stroi. i. inzh. stroi. II no. 6:178-178 '68.

636 Hydraulic engineering and construction work

Agabekyan, G. A., Aramian, A. K. - Short report on the works of the Armenian Scientific Research Institute of Water Supply and Hydraulic Engineering. *Trudy ArmNIIVPG* 1:13-18 '67.

Lipart Bagratovich Bagratian; ordinary. *Trudy ArmNIIVPG* 1:475-478 '67.

636(311)—Cold frigid regions

Glasberg, T. G., Poldovskiy, A. I., Alekseyev, S. M. - Frost ice and its use in hydraulic construction. *Trudy koordin. sovetov po gidrotekhn.* no. 10:131-131 '64.

636(57)—Japan

Onitskoy, I. A. - Use of paper drains in Japan for the stabilization of ground. *Transp. stroi.* 18 no. 12:63-65 D '68.

636.1 Inland waterways. Canals, etc.

Prishchepovskiy, S. I. - The problem on the estuary (input) during a separation streamline flow in a canal. *Inzh. i. inzh. stroi.* no. 1:41-44 '68.

Rafis, L. A. - Effect of errors in third class leveling on the precision of layout work in the construction of canals. *Trudy Vsesoyuz. nauch. issled. inst.* no. 1:431-433 '67.

636.5 Agricultural hydraulics

Agabekyan, G. A. - Some problems of planning irrigation systems. *Trudy ArmNIIVPG* 1:17-22 '67.

Agabekyan, G. A. - Experimental investigation of silt discharging shaft siphons. *Trudy ArmNIIVPG* 1:331-376 '67.

Agabekyan, G. A., Karapetian, A. A. - Air draw-in capacity of siphon spillways. *Trudy ArmNIIVPG* 1:381-388 '67.

Aramian, A. K., Glushko, G. A., Orbelian, M. S. - Field research on hydrodynamic characteristics of water drive layers under free flow conditions. *Trudy ArmNIIVPG* 1:131-134 '67.

Berdyshev, B. D. - Problems of irrigation of cereals in dry areas. *Vsesoyuz. nauch. issled. inst.* no. 1:132-133 M '68.

Bois, K. A. - Effect of waste irrigation on the yield, botanic and chemical composition of perennial grasses. *Dokl. TSKHA* no. 122:133-137 '68.

Martirosova, R. E. - Methods of determining optimal irrigation capacities of the rivers with unregulated flow. *Trudy ArmNIIVPG* 1:22-38 '67.

Mikheev, V. G. - Tubular outlets. *Trudy ArmNIIVPG* 1:371-378 '67.

Prishchepov, P. M. - Productivity of sugar beets in different methods of raising and thinning of planting under irrigation. *Russkoe vostochnoe* no. 6:6-11 '68.

Shanin, M. G. - Study of the drying criteria for the evaluation of water reserves and water demands of agricultural crops. *Stro. i. inzh. stroi.* no. 14:80-84 '67.

Glushko, G. A. - Hydraulic calculation of side spillways from prismatic and nonprismatic channels with trapezoidal profiles. *Trudy ArmNIIVPG* 1:415-434 '67.

Ter-Matirosova, R. A. - Use of slag aggregates for concrete in irrigation structures. *Trudy ArmNIIVPG* 1:398-400 '67.

Vartolomeev, G. S. - Effect of mineral fertilizers on the yielding ability of grass stands on periodically flooded meadows. *Dokl. TSKHA* no. 122:149-153 '68.

Vasil'eva, V. - Carrying out Lenin's instructions. *Mosk. stroi.* 18 no. 12:13 D '68.

Varegin, M. M., Shukhin, V. R. - Method of the hydrodynamic calculation of a straight row of walls in narrow straits. *Trudy ArmNIIVPG* 1:366-372 '67.

636.5(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Konstantinov, M. S. - Effect of adverse moisture of the surface of water permeability in light chested soils of Yergon Hills. *Vest. Mosk. un. Ser. 6:104-110 M-D '68.*

636.5(471.45)—Azerbaijan Province

Dashkov, R. T. - Some aspects of the irrigation of cotton crops by flooding in the Volga River delta. *Dokl. TSKHA* no. 122:338-339 '68.

Nemlov, V. M. - Effect of irrigation norms and nitrogen fertilizer doses on the green mass of corn in the steppe of the Volga-Akhstaba floodplains. *Dokl. TSKHA* no. 122:380-380 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. *Dokl. TSKHA* no. 122:380-400 '68.

636.5(471.61)—Dnieper Province

Malys, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Dnieper River. <

627.2(474.3)—Latvia S. S. R.
Kuchukov, I. V. - Investigating mud accumulation processes in the approach canal of the Ventspils harbor. *Trudy Solov. Mor. NIIProekt.* no. 30:127-143 '66.

627.2(474.5)—Lithuania S. S. R.
Korotkov, I. A. - Analysis of the deformation of a bar in the Kalpa port area. *Trudy Solov. Mor. NIIProekt.* no. 29:125-126 '66.

627.2(477)—Ukraine S. S. R.
Berkina, D. A., Shkurapov, I. V., Shalevskii, I. D. - Characteristics of the flow of sea sediments along the Akkoy Lissa bay bar. *Trudy Solov. Mor. NIIProekt.* no. 29:143-148 '66.

627.3 Part installations, equipment. Dockyards, quays, etc.
Alkots'ev, I. P., Lavrovskiy, S. M., Khaibulin, I. M. - Quay made of reinforced concrete thin-walled shells of large diameter. *Tramp. stroit.* 16 no. 12:120-22 D '64.

627.5 Flood and coast protection works. Dikes. Dams and locks.
Asterik, R. G. - Design of mud flow channels considering transport capacity of the flow. *Trudy ArmNIIVPIG* 1: 227-238 '67.

Khalevskiy, R. M. - Discharge coefficient of a bottom bar grid in a concrete water intake structure. *Trudy ArmNIIVPIG* 1: 435-448 '67.

Likhov, E. M., Kurov, S. I. - Discharge of the 1000 spring flood the construction site of the Krasnoyarsk Hydroelectric Power Plant. *Energ. stroit.* no. 12:24-26 '66.

627.5(13)—Japan
Ogishiro, I. A. - Use of paper drains in Japan for the stabilization of ground. *Tramp. stroit.* 16 no. 12:23-25 D '64.

627.5 Dams. Large reservoirs and barrage dams. Hydraulic power plant works.
Bogdanovskiy, V. M., Titov, V. P. - Calculation of seasonal temperature fluctuations in massive hydraulic structures. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:110-118 '64.

Chilingarian, I. A. - Comparing parameters during variation solution of a multiparameter problem as applied to determining optimal parameters of a water supply system. *Trudy ArmNIIVPIG* 1:173-178 '67.

Dezhnev, A. Y. - Calculation of the optimum length of water and bottom reinforcement of timber floating dams. *Shor. nasech. trud. po lesozest.* no. 8:93-100 '64.

Belogorodov, V. V., Savostianov, V. M. - Determining the effect of seasonal fluctuations of outside temperature on stressed state and shifts of massive hydraulic structures. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3: 118-127 '64.

Kuligavil, I. A. K. - Experimental study of diagrams of disintegration of arch dams on fragile models. *Shor. trud. LITINT* no. 3:241-248 '64.

Khrushchev, V. A. - Increase of the bearing capacity of the embedded parts of hydraulic structure gates. *Energ. stroit.* no. 11:64-68 '66.

Mezlovskiy, B. - Reporting creative work of the architects of power engineering design organizations. *Arkh. SSSR* 25 no. 7:48-51 '68.

Krasnaya, A. G. - Determining the dynamic reserve of drawing-off capacity. *Trudy ArmNIIVPIG* 1:435-437 '67.

Belikov, I. M. - Effect of the strength of ice on its flow through hydraulic structures. *Trudy koord. sovetsk. po gidrotekh.* no. 16:127-143 '64.

Belikovskiy, S. V. - Approximate calculation of arch dam vibrations due to seismic activity using the finite-difference method of the theory of shells. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:121-124 '66.

Yastafenko, O. D. - Seismic stability of arch dams. *Shor. trud. LITINT* no. 3:247-250 '64.

Trapaznikov, A. A., Avetisyan, R. A. - Effect of the wave on capacity of monoliths of crystallized concrete to reduce the rate of water evaporation. *Krit. mas.* 30 no. 6:587-593 M-D '68.

Chylovskiy, M. A., Vaselev, V. A., Skryova, M. V. - Using ice as waterproof element in rock-fill dam constructions. *Trudy koord. sovetsk. po gidrotekh.* no. 10:123-126 '64.

627.5(11)—Cold frigid regions
Kulikov, A. M. - Research in the laboratory of cold regimes of rivers and reservoirs concerning physical properties of ice, building and insulation materials, as applied to improving the operation and construction conditions of hydroelectric power plants in cold regions. *Trudy koord. sovetsk. po gidrotekh.* no. 16:16-17 '64.

627.5(470.26)—Armenia S. S. R.
Chilingarian, I. A., Mchitarian, E. A. - Water and power supply characteristics in the operation of the Bevan-Bazuo hydroelectric power plant on cascade under normal and irrigation conditions. *Trudy ArmNIIVPIG* 1: 143-144 '67.

Mchitarian, E. A. - Computing algorithms and a program with the help of the Bevan-2 computer for the calculation of water and power supply characteristics of the Bevan-Bazuo hydroelectric power plant cascade. *Trudy ArmNIIVPIG* 1:144-144 '67.

Targemskiy, M. S. - Methods for determining water power operation load of the cascade of derivational hydroelectric power plants under daily regulation conditions. *Trudy ArmNIIVPIG* 1:145-147 '67.

627.5(500.1)—Byria
Akhmedov, M. - Dam on the Koprinska River. *Mashinost. stroy.* 16 no. 12:150-153 '66.

627.5(571.61)—Krasnoyarsk Territory
Sokolovskiy, M. M. - Strength of the ice cover on the Yenisey River near the Krasnoyarsk Hydroelectric Power Plant during spring. *Trudy koord. sovetsk. po gidrotekh.* no. 16:125-130 '64.

627.5(571.63)—Irkutsk Province
Abdumalik, E. A., Chodovtsev, V. M. - Layout of the drainage system of the earth dams in the Bratsk Hydroelectric Engineering Complex. *Energ. stroit.* no. 11: 22-23 '66.

627.5(574)—Kazakh S. S. R.
Brodin, A. G., Kozlovskiy, I. U. - Discharge of the flood waters at the construction site of the Surgutsk Hydroelectric Engineering Complex. *Energ. stroit.* no. 11: 40-41 '66.

Pokrov, V. S. - Use of vortex (conals for passing ice) from the problem of the Uch-Kurgan Hydroelectric Power Plant. *Trudy koord. sovetsk. po gidrotekh.* no. 10: 154-156 '64.

627.5 Coastal approach works. Marinas. Signalling. Pilings. Reefs.
Krasnitskiy, A. M., Anisimov, V. G., Krasnikov, A. A. - Set of equipment of an independent ferry station. *Energ. stroit.* no. 11: 70-71 '66.

627.5 Public health engineering
Belikov, A. - Heated air screen in the shifting department of the mill. *Mak. - elev. prom.* 34 no. 10:27 O '68.

628.1 Water supply. Waterworks
Belitskiy, B. P. - Economic efficiency of precast reinforced concrete use in the construction of water purification structures. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:134-138 '66.

Belitskiy, L. B., Chirakova, G. A. - Some results of operating a water inlet system with filter dams. *Trudy ArmNIIVPIG* 1: 337-354 '67.

Krasnitskiy, V. A., Syrov, K. K. - Making bipolar parts for the shaft - sleeve - bearing assembly of a submersible electric motor by the method of friction hard-fining in order to increase their service life. *Za tekhn. prog.* 8 no. 12:32-38 D '68.

Khalevskiy, G. S. - Return water systems for industrial use. *Trudy ArmNIIVPIG* 1:173-178 '67.

Khorozov, P. D. - Selecting by computer efficient operation pumping stations when planning and using waterworks. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:123-126 '66.

Krasova, V. M. - Aspects of the determination of suspended material in water. *Dokl. TSKHA* no. 123:401-404 '66.

Lavik, S. I. - Pipeline for supplying the Mamygzhak Pechasika with water from the Volga River. *Stroit. i arkh.* II no. 3:127-129 M-D '66.

Mikhlin, L. Z. - Semi-automatic welding of small-diameter pipes for water mains. *Stroit. i arkh.* II no. 1:123 Ja '66.

Martynov, V. M., Zabalay, E. V. - Investigating the use of rapid karatid filters in river water purification. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 6:163-167 '66.

Molodtsov, K. I., and others. - Effectiveness of the chlorination of water in wells, ponds, reservoirs, and on self-flowing water pipelines by means of dosing devices. *Trudy TSNII* no. 18, pt. 1:2-9 '67.

Oganesyan, K. A. - Preliminary investigation results of actual water consumption for industrial and household needs. *Trudy ArmNIIVPIG* 1:173-174 '67.

Vinogradov, B. - First water conduits in Russia. *Stroit. i arkh.* no. 3:126-128 F '66.

628.2 Sewerage. Sewers
Kozlov, V. M. - Plotting free surface curves in sewers with overhead, trough, and test profiles. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:164-167 '66.

628.3 Sewerage. Purification, etc.
Babey, I. E. - Designing distributing systems of water-purifying filters. *Za tekhn. prog.* 8 no. 12:32-36 D '66.

Belitskiy, I. U. P. - Technical and economic reasoning in the selection of sewage purification grade. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 9:154-156 '66.

Firsova, A. M., Alayeva, V. D. - Yeastlike fungi in sewage of bathhouse and their properties. *Trudy GDDV* no. 4:107-121 '64.

Khoshchevskiy, V. F., Kuznetsov, L. A. - Prospects for the decrease in the capacity of horizontal settling tanks using active silicate acids. *Khimiya. prom. Ukr.* no. 6:67-69 M-D '65.

Obodnikov, B. M. - Installation for neutralizing waste water resulting from chemical processing of products. *Stroit. i arkh.* 24 no. 12:20-21 D '67.

Shkolotkin, T. M. - Sanitary and hygienic characteristics of waste waters from ore dressing plants of nonferrous metallurgy in Kazakhstan, and their effect on underground waters and water bodies. *Trudy Akad. - Afh. gos. med. inst.* 23:60-64 '66.

628.3(470.26)—Armenia S. S. R.
Gulmakhian, S. M., Katsarian, R. G., Katsarian, K. Kh. - Mixing and self-purification of waste water in the Armenia S. S. R. *Trudy ArmNIIVPIG* 1:148-149 '67.

628.5 Industrial sanitation, nuisances
Kastor, M. G., Porvinskii, G. V., Shastikov, S. D. - Purifying industrial wastes from formaldehyde and synthetic fatty acids with electric current impulses. *Nefteper. i sifalnikh.* no. 9:55-57 '63.

Kirsh, A. A., Fuks, N. A. - Studies in field of fibrous aerosol filters. Diffusion deposition of aerosols in fibrous filters. *Koll. zhur.* 30 no. 8:830-841 M-D '68.

Krasnikov, A. A. - Further modernization of slotted vacuum cleaner nozzles. *Trudy TSNII MPB* no. 354:37-40 '68.

Krasnikov, A. A. - Loss of pressure at T-joint manholes of streams. *Trudy TSNII MPB* no. 354:12-36 '68.

Krasnikov, A. A. - Ventilator for vacuum cleaner installation. *Trudy TSNII MPB* no. 354:14-11 '68.

Mavreev, V. A., Pikhomirov, D. P. - Dust collecting in ampala gas channels. *Lit. protov.* no. 3:27-28 M '60.

Malikhanov, S. P. - Hygienic determination of the amounts of air pumped into pneumatic soils under conditions of high temperatures and gas polluted media. *Trudy TSNII MPB* no. 354:124-127 '68.

Malikhanov, S. P. - Investigating some aerodynamic problems of the interaction between a grazing fan-shaped jet and a deflecting counter current. *Trudy TSNII MPB* no. 354:60-68 '68.

Shastikov, S. D., and others. - Dust filtering attachment to the D-225 asphaltic concrete mixer. *Bud. mat. i konstr.* 10 no. 3:40 M-Ap '66.

628.5 Indoor climate engineering
Degenov, G. V., Moravskiy, V. I. - Selecting the method of conveying cooled air into longwalls in a local system of air conditioning. *Ugol. Ukr.* 13 no. 11:22-24 M '66.

Lovtsov, V. V. - Tuning of air-conditioning precision systems. *Khol. tekhn.* 45 no. 11:23-21 M '68.

Redko, I. U. F., Melnikov, V. A. - Measuring of air moisture in drying machines. *Lek. prom.* 4 no. 5: 31-33 B-O '66.

Rybakovich, A. A., Ushin, G. I. - Pneumatic valves produced from elastic materials for air-conditioning units. *Khol. tekhn.* 45 no. 11:14-15 M '68.

628.5 Illuminating engineering
Chernokova, N. G. - Railroad station lighting. *Trudy TSNII MPB* no. 354:87-108 '68.

Raklovich, I. L., Shapin, T. M., Veksel, N. S. - Investigating conditions of daylight in carboard shops. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 9:153-154 '66.

Shala, V. T. - Central lighting of a sphere in axonometry. *Izv. vyz. ucheb. zav. stroit. i arkh.* II no. 3:123-127 '66.

628.5 Parts, equipment of vehicles or craft
Ishitskiy, A. I. U. - Geometric examination of the stability of solution for a fundamental program of inertial guidance. *Mash. i ver. tekhn.* no. 2:13-18 M-Je '68.

Martynov, I. U. G. - Dynamics of a spherical floating gyrocompass in a Cardan suspension. *Mash. i ver. tekhn.* no. 4:30-32 J1-Ag '68.

Morozovskiy, I. V. - Stability of a triaxial power gyrocompass. *Mash. i ver. tekhn.* no. 4:30-34 '68.

Shapin, T. M. - Interaxial deviation of a gyrocompass with a liquid torsion suspension. *Mash. i ver. tekhn.* no. 4:34-42 J1-Ag '68.

Shchepkin, V. V., Khasov, B. M. - Characteristics of the oscillation of heat influx into refrigerator-cars. *Khol. tekhn.* 45 no. 11:26-30 M '68.

628.513 Mechanically propelled (motor) vehicles. Automobile engineering
Achievements of an outstanding collective. *Avi. i transp.* 48 no. 10:2 '68.

At the board meeting of the Ministry. *Avi. i transp.* 48 no. 10:24-25 '68.

Bondar, M. A. - Repairing the frame of tractors and pipelines. *Stroit. i arkh.* II no. 6:125 A-Z '66.

Borisov, A. M. - Quantitative relationships in a complex object. *Kib. i diag.* no. 1:48-53 '68.

Chernomirskiy, M. M. - A new snow and mud tracked vehicle. *Mash. i ver. tekhn.* 33 no. 4:26 Ap '66.

Efrimovskiy, D. A. - Stability of straight line movement of a wheeled tractor unit. *Trudy BSKHA* 64:100-106 '68.

Fedorov, G. D., Galaktionov, K. S., Pukhovskiy, I. F. - K-254 diesel-electric crane. *Stroit. i arkh.* 13 no. 6:14-18 Je '66.

G-254 as generator. *Avi. i transp.* 48 no. 10:44-45 '68.

Galaktionov, K. S. - Production studies of the wear resistance of the roller bearings of the DT-44 tractor, second round by automatic bending under a flow layer, and with the installation of a new rim. *Trudy BSKHA* 64:106-109 '68.

Gel'man, I. A. - Principal integral equation of the diagnosis of a dynamic system and its solution by means of shaping filters. *Kib. i diag.* no. 1:70-78 '68.

Ilin, M. - Progressing work state better work. *Avi. i transp.* 48 no. 10:4-5 '68.

Iurabekov, A., Gnedov, G. - Dynamometric steering wheel. *Avi. i transp.* 48 no. 10:47 '68.

Krasov, I. A. - Track tractors in the construction of electric power transmission lines. *Energ. stroit.* no. 11:16-17 '66.

Kevich, P. M. - Informational analysis of an object. *Kib. i diag.* no. 1:66-68 '66.

628.113 (Continued)

- Kosov, A. M., Zhurav, I. A. - Stand for testing wheeled tractors. Trudy BSKHA 54:113-117 '68.
- Kashuba, A., and others. - Motor vehicle painting shop. Avt. transp. 48 no. 10 33-34 '68.
- Koshkov, V. S. - Experimental determination of basic resistance to motion. Gor., stroi. i dor. mash. no. 3: 168-171 '68.
- Kozlov, K. - Number of workers at servicing stations. Avt. transp. 48 no. 10 22-23 '68.
- Kozlov, B. - Technical equipment should be constantly improved. Avt. transp. 48 no. 10 8-9 '68.
- Kristinkov, D. S. - Method for diagnosing faults in complex mechanical systems. Kib. i diagn. no. 1:44-53 '68.
- Kristinkov, D. S. - Problem in engineering diagnostics. Kib. i diagn. no. 1:43-49 '68.
- Kristinkov, D. S. - Schematic of a logical device for the diagnosis of faults in complex objects. Kib. i diagn. no. 1:42-53 '68.
- Kristinkov, D. S., Milashev, K. K. - Mathematical modeling of carburetor-type internal combustion engines. Kib. i diagn. no. 1:43-45 '68.
- Kudria, A. - Device for increasing cross-country qualities of a motor vehicle. Avt. transp. 48 no. 10 51-53 '68.
- Kugel, M. - Modernization of the electrical equipment in ZIL-130 motor vehicle. Avt. transp. 48 no. 10: 13-14 '68.
- Kuznetsov, A. - Tractor-hauling truck with moving supports. Prom. stroi. i inzh. soor. 8 no. 2 15-18 My-Je '68.
- Kuznetsov, M. P. - Comparative studies of the processes of vibrational and ordinary burning of engine cylinders. Trudy VNIIO, sel'skokhoz. i inzh. no. 7:227-233 '67.
- Lavrov, I. I., Pylor, B. A., Sudinov, G. A. - Torque distribution along the axes of multi-shaft drive motor vehicles with hydraulic positive displacement transmissions. (sv. vyz. ucheb. izv.) Mashinostr. no. 1:94-100 '68.
- Lisov, I., Kochanov, V. - Central Scientific and Research Institute for Automobiles and Automobile Engines. Avt. transp. 48 no. 10:54-56 '68.
- Malyshov, A. V. - Simplified design of rotation relay. Stroi. i inzh. no. 2:29 '68.
- Markovskii, P. M. - Basic features characterizing the maneuverability of a tractor. Trudy BSKHA 54:175-183 '68.
- Mitrova, A. L. - 9-872 excavator tank truck. Stroi. i dor. mash. 13 no. 6:1-3 Je '68.
- Minaev, A. M., and others. - Problems of strength of connecting rod bolts in diesel tractors. Dokl. Akad. Nauk SSSR 171:248-249 '68.
- Minaev, A. M., Bolgov, A. T., Dronov, B. M. - Some peculiarities of stress distribution in connecting rods of diesel tractors. Dokl. Akad. Nauk SSSR 171:249-254 '68.
- Minaev, A. M., Bolgov, A. T., Vorona, I. E. - Stiffening of tractor tractors and side measuring methods. Dokl. Akad. Nauk SSSR 171:254-258 '68.
- Morozov, P. A. - Dependence of the depth of the grooves of the leading wheels of a self-propelled crawler on the speed of movement. Trudy BSKHA 54:183-188 '68.
- New developments in foreign technology. Avt. transp. 48 no. 10:81 '68.
- Mukhin, I. V., Khil'movich, I. L. - Differential equations of P. V. Vavilov's model in determining the motion of a diesel tractor. Gor., stroi. i dor. mash. no. 3: 158-160 '68.
- Oda, I. A. - Cybernetic means and methods for solving the problem of automobile diagnostics. Kib. i diagn. no. 1:4-10 '68.
- Oda, I. A. - Electric measuring equipment and computers in automobile diagnostics. Kib. i diagn. no. 1:4-7 '68.
- Oda, I. A., Markovskii, P. P. - Graph model for the braking system of an automobile with a hydraulic drive. Kib. i diagn. no. 1:11-21 '68.
- Plonka, V., Sokolov, L. - Technical servicing on a conveyor. Avt. transp. 48 no. 10:32-33 '68.
- Pogachev, M. P. - Basic statistical characteristics and service wear distribution curves of fitting openings in the body of the DT-54A tractor gear change box, undergoing wear overhaul. Trudy BSKHA 54:134-136 '68.
- Shirokikh, M. - Scientific organization of labor in a self-servicing enterprise. Avt. transp. 48 no. 10: 24-25 '68.
- Shpanian, K. V. - Study of the dynamic resistance of timber loaders. Stroy. i inzh. no. 1:18-22 '67.
- Stepanov, K. V. - Study of the static resistance of caterpillar loaders. Stroy. i inzh. no. 1:44-48 '67.
- Tokarev, V., Kholodavskii, V. - Equipment for dismantling hydraulic jacks. Avt. transp. 48 no. 10: 26-27 '68.
- Valev, S. A., Titkov, V. A., Ovchinnikov, A. V. - Remanufacture of automobile parts in aluminum alloys. Stroy. i inzh. no. 8:42 Ag '68.
- Zamov, N. S. - Efficient assembly schemes for the planes of a gear change unit. Trudy BSKHA 54:138-141 '68.
- Zharov, M. A. - Reduced moment of inertia of the MTZ-58 tractor. Trudy BSKHA 54:138-144 '68.
- Zharov, A., Ushakov, V. - Stands of an assembly line for rear assemblies. Avt. transp. 48 no. 10:34-36 '68.

628.113(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

- Koshkov, V. S. - Specialized tractor-trailers at construction projects in the Urals. Avt. transp. 48 no. 10: 22-23 '68.

628.113(471, 510)—Moscow City

- Kapriyev, I. - One of the Karamchikov dynasty. Komunist 45 no. 18:1-10 O '68.

- 628.113(471, 510)—Ural regions
- Baltashki, V. R., Kozlov, A. P. - Work practices with special forms of the Ural Automobile Plant. Trudy Inst. mek. no. 18:41-44 '67.

628.113(511, 515)—Altai Territory

- Minaev, A. M., and others. - Stress study of a connecting rod with a direct coupling with the AM-61 diesel of the Altai Engine Plant. Dokl. Akad. Nauk SSSR 171:244-251 '68.
- Minaev, A. M., and others. - Stress study of a connecting rod with a slanting joint with the AM-61 diesel of the Altai Engine Plant. Dokl. Akad. Nauk SSSR 171:252-258 '68.
- Stress study of the connecting rod of the AM-74 diesel engine of the Altai Engine Plant. Dokl. Akad. Nauk SSSR 171:257-264 '68.

628.115 Engines, motorcycles, scooters

- Odnov, V. A., Kravets, A. V. - Casting cylinders for motorcycle engines reinforced with a fiber. T.M. protv. no. 3:45 My '68.

628.119 Gears, bearings, repair, salvage equipment

- Galstov, A. - Gears equipped should be more fully utilized. Avt. transp. 48 no. 10:29-30 '68.
- Gears and repair equipment at the Exhibition of Achievements of National Economy of the U. S. S. R. Avt. transp. 48 no. 10:28-29 '68.
- Goskash, V. A. - Determination of the optimum number of specialized repair enterprises in a given territory (Province, Republic). Trudy VNIIO, sel'skokhoz. i inzh. no. 7:47-53 '67.
- New developments in foreign technology. Avt. transp. 48 no. 10:81 '68.
- Uservik, I. G. - Aspects of the organization of overall service for the machinery of bulldozers and excavators. Trudy VNIIO, sel'skokhoz. i inzh. no. 7:44-53 '67.

628.12 Shipbuilding. Ship. Boat

- Alexandrov, V. A., Kravets, V. V., Maslennikov, P. A. - Self-synchronizing of marine synchronous generators through a reactor. Sudost. i mor. soor. no. 1:104-110 '68.
- Borshak, V. M., Kharshakov, I. D. - Investigating hull exchange during surface boiling and induced movement of seawater. Sudost. i mor. soor. no. 1:11-17 '68.
- Bryndolov, P. S., Iashin, V. A. - Modernization of the electric equipment on the research vessel "Mikhail Lomonosov". Eksp. i inzh. no. 1:10-11 '68.
- Lyakov, V. I., Kharshakov, P. A. - Design of loading devices of reactive capacity on the basis of power transformers. Sudost. i mor. soor. no. 3:98-100 '68.
- Kaplanov, I. V. - Determining the capacity of the main marine engines. Sudost. i mor. soor. no. 3:93-91 '68.
- Kochanov, I. U. P. - Expansion in a phase problem on the theory of elasticity for rectangular plates of variable thickness reinforced by ribs. Sudost. i mor. soor. no. 1:13-14 '68.
- Koshkov, I. U. P. - Stressed state of flat hulls reinforced with deaking stiffeners. Sudost. i mor. soor. no. 1:13-14 '68.
- Korvin, V. M. - Application of topological transformations in designing the surface of a ship hull. Sudost. i mor. soor. no. 1:11-17 '68.
- Krivosheina, V. V., and others. - Loading arrangements of reactive capacity for the testing of marine synchronous generators. Sudost. i mor. soor. no. 1:94-106 '68.
- Lappa, M. I. - Selecting the critical speed for rotors of the main marine turbines. Sudost. i mor. soor. no. 1:11-14 '68.
- Myrnikov, I. I. - Developing template drafts in the photo projection layout of corrugated surfaces of ship hull structures. Sudost. i mor. soor. no. 1:14-20 '68.
- Myrnikov, I. I. - Investigating the photo projection layout of corrugated surfaces of ship hull structures. Sudost. i mor. soor. no. 1:14-20 '68.
- Parfomovskii, S. I. - Apparatus of an underwater wedge with streamlining and separation of the jet flow. Sudost. i mor. soor. no. 1:23-24 '68.
- Rizka, I. U. S. - Using protective additives for the corrosion control of diesel blocks and bearings. Sudost. i mor. soor. no. 1:11-14 '68.
- Rylov, A. V. - Design of 1200-ton superheaters for marine steam boilers with a spray cooler. Sudost. i mor. soor. no. 3:34-36 '68.
- Shved, A. P., Voronkova, V. I. - Methods of calculating heat diagrams for marine steam power plants. Sudost. i mor. soor. no. 1:24-28 '68.
- Shuto, I. U. P. - Using an elastic seal for the bearing seal of a diesel shaft. Sudost. i mor. soor. no. 1:106-107 '68.
- Shcherbakov, M. B. - Determining the hydrodynamic characteristics of a working rudder. Sudost. i mor. soor. no. 1:21-31 '68.
- Sokolov, N. P. - Calculation of continuous beams lying on independent flexible supports by the section method. Sudost. i mor. soor. no. 1:17-20 '68.
- Tranov, E. K. - Some results of studying dimensions of added mass strips of a ship deck with the help of a computer. Trudy TPI Ser. A. no. 54:99-113 '67.
- Khramov, I. U. A. - Reliability of fuel systems with branched pressure piping. Sudost. i mor. soor. no. 8: 108-115 '68.
- Koshkov, A. V. - White heat boiler as object of pressure regulation. Sudost. i mor. soor. no. 3:43-45 '68.

628.123 Sea or ocean going vessels and ships

- Motilov, A. V. - Calculating the longitudinal component of rotational-longitudinal vibration in the shafting of diesel-powered vessels. Za tekhn. prog. 8 no. 12:34-37, 44 D '68.

628.124 Special types of vessels or craft

- Pogorelov, S. G., Chumachenkov, V. A. - Research vessel "Professor Vise" Inform. i inzh. no. 1:1-12 '68.
- Sidor, A. M. - Margin of power for the main engine of motorships underwater wings. Stroi. i inzh. no. 3:93-95 '68.

628.125 Sports and other small craft. Yacht. Boat

- Pokrovskii, I. B. - Study of the parameters of the M-50 R patrol vessel. Stroy. i inzh. no. 1:1-12 '68.

628.13 Aeronautical engineering. Aircraft

- Akharov, A. - Measuring the true airspeed with the aid of a remote speed measuring system. Avt. inzh. no. 1:13-15 '68.
- Darinskii, M. A. - Piezoelectric digital DF-1 plus type Trudy Sam. Tekh. i inzh. no. 1:1-12 '68.
- Dezhnev, G., Steinsberg, B. - Operating the act of aviation. Avt. inzh. no. 1:13-15 '68.
- Kozlov, V. - Towing device. Avt. inzh. no. 1:13-15 '68.
- Foreign aviation and space information. Avt. inzh. no. 1:13-15 '68.
- Formal'skii, A. M. - Reliability of a relay system in stabilizing the motion of an aircraft. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Iakovlev, A. B. - Improving Lashin's advice. Avt. inzh. no. 1:13-15 '68.
- Kozlov, L. - Why did the compass error increase? Avt. inzh. no. 1:13-15 '68.
- Maslovskiy, A. - Training of a test pilot. Avt. inzh. no. 1:13-15 '68.
- Peredovskiy, R. G. - Calculating the pressure in the air stream of a propeller against a plane. Stroy. i inzh. no. 1:13-15 '68.
- Peredovskiy, R. G. - New navigation instrument. Avt. inzh. no. 1:13-15 '68.
- Savitskiy, M. - Determining the position of a ship on the basis of a single direction station. Avt. inzh. no. 1:13-15 '68.

628.136 Heavy-lift aircraft

- Agabekov, P. - On the updraft air current. Avt. inzh. no. 1:13-15 '68.
- Dostoy, E. T. - Dismantling a aircraft with the help of a helicopter. Stroi. i inzh. no. 1:13-15 '68.
- Pyshev, V. - Once more about shaping wing blocks. Avt. inzh. no. 1:13-15 '68.
- Tunayev, A. - Increasing the resistance of engine from Avt. inzh. no. 1:13-15 '68.

628.19 Astronautics. Space vehicles and stations. Artificial satellites

- "Apollo-7" fulfilled the program. Avt. inzh. no. 1:13-15 '68.
- Dagter, A. - Satellite meteorology today and tomorrow. Avt. inzh. no. 1:13-15 '68.
- Foreign aviation and space information. Avt. inzh. no. 1:13-15 '68.
- Chapov, N. V., Kozlovskiy, V. G. - Nonlinear three-dimensional oscillations of an earth satellite relative to the center of mass. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Orlovskii, V. M. - Studies based on photometric observations of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- III, M. - Scientific application of the results of simultaneous visual observations of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Ministrations, Mash. i avt. no. 4:23-27 Ji-Ag '68.
- International conference of the observers of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- IUPEI Alekseyevich Gagarin's delivery. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Karpachov, S. V., Lukin, A. A. - Soviet instruments in the moon. Priroda. no. 1:13-15 '68.
- Klimov, D. M., Rabinovich, I. U. - Method in determining the plane of the orbit of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Leonov, A. - Perception of spatial relations in space. Avt. inzh. no. 1:13-15 '68.
- Maslovskiy, A. G., Morozkova, M. P. - Ten years of international cooperation in the field of optical observations of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Observations of artificial earth satellites in the Soviet Union. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Ovchinnikov, R. M., Shumilina, V. G. - Space problems of standardization of the parameters of the propulsion system of limited power with an accumulator of the working substance. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Readiness at second cosmic speed. Avt. inzh. no. 1:13-15 '68.
- Rabinovich, V. V. - Stability of relative equilibrium and steady motions of a satellite gyrostat. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Saliev, S. A. - International symposium on the use of artificial earth satellites in geodesy. Mash. i avt. no. 4:23-27 Ji-Ag '68.
- Saliev, S. A. - "Soyuz" spacecraft in orbit. Avt. inzh. no. 1:13-15 '68.
- Shchegolev, D. M. - From the history of astronomical observations of artificial earth satellites. Mash. i avt. no. 4:23-27 Ji-Ag '68.

631.13 (Continued)

Value of optical observations of artificial earth satellites. *Natl. inst. astron. Zemn.* no. 6:34-39 '67.
 Voskresenskiy, L. L., Plotnikov, V. S., Sobolev, V. E. - Some problems involving the tying in of photographs in determining the coordinates of an artificial satellite using the method of reference stars. *Izv. vuz. zashch. ziv. gos. i aerof.* no. 1:81-84 '68.
 Zaslavskiy, R. A. - Method of determination of the circular orbit of artificial earth satellites from three observations when only one tangent is known accurately. *Astron. zhurn.* 44 no. 6:1275-1283 '68.

630.13(4.0)—European capitalist countries
 Demin, V. - Sixteen countries and one rocket. *Mekhaniz. zhizn.* 18 no. 1:129-133 '79.

630.13(471.310)—Moscow City
 Moscow Aviation Institute named after N. Ordzhonikidze. *Seminar. Mekh. i av. i kosm.* no. 4:112-118 JI-Ag '68

630.13(404)—European Communist countries as a group
 Observations of artificial earth satellites in Bulgaria, Hungary, German Democratic Republic, Poland, Rumania, and Czechoslovakia. *Natl. inst. astron. Zemn.* no. 6:40-48 '67.

63 AGRICULTURE, FORESTRY, STOCKBREEDING, ANIMAL PRODUCE, HUNTING, FISHERIES

[Agricultural literature of the U.S.S.R.] *Sel'khoz. lit.* 1968 no. 10, 12 '68.

Derezhnko, A. M. - Calculation of the duration of the snow-melting period for purposes of agrometeorological forecasting of the disappearance time of snow cover. *Meteor. i gidrol.* no. 6:88-92 '68.

Khanova, M. A. - Characteristics of the formation of phytochrome of agricultural crops. *Trudy GGO* no. 123:127-130 '68.

In the Proceedings of the All-Union Academy of Agricultural Sciences "V. I. Lenin." *Vest. sel'khoz. nauki* 13 no. 11:171-178 M '68.

Kozak, K. I. - Carbonic dioxide metabolism in agricultural crops. *Trudy GGO* no. 123:131-134 '68.

Makubashov, M. I. - Migration of the farm population to the cities. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7: 51-61 '67.

[New foreign books. Series V: Biology, medicine, agriculture] *Nov. knigi na rub. Ser. V: Biol., med., sel'. Khim.* 13 no. 12 D '68.

Polak, M. P. - Man's activity and agriculture. *Zem. kuzn. i detals. chelov.* no. 4:23-28 '67.

Zakharov, A. P. - Charts showing specialization of agricultural regions. *Vimnyy Kyrv. un. Ser. heol. ta heol.* no. 6:117-121 '67.

63(113)—Hot (tropical, subtropical) regions

Kudakov, A. - In the commission on tropical agriculture of the All-Union Academy of Agricultural Sciences "V. I. Lenin." *Vest. sel'khoz. nauki* 13 no. 11:127-129 M '68.

63(471.33)—Dzharkir A. S. S. R.

Merley, K. - New frontiers for Agriculture. *Kommunist* 45 no. 2:44-44 P '68.

63(471.36)—Yakut A. S. S. R.

Gavrilova, M. K. - Heat and water of a cabbage patch in central Yakutia. *Trudy GGO* no. 123:145-148 '68.

63(474)—Kazakh S. S. R.

Verkhovskiy, M. - In one virgin region. *Nov. mir.* 44 no. 7:181-181 JI '68.

63(66)—West and North Central Africa

Gurley, M. - In the backwoods of Senegal. *Am. i Afr. seg.* 13 no. 2:44-44 P '68.

631 Agriculture

Kozlov, V. - Horizons of agricultural science. *Agitator* no. 23:11-11 M '68.

631.1 Farm management

Kurbatov, A. - What is new in the organization of agricultural labor. *Sots. i av.* 13 no. 10:14-14 O '68.

Muskhov, M. L. - Aspects of the work methodology in the inspection of natural meadows and pastures. *Report No. 3. Dokl. TSKHA* no. 123:183-189 '68.

Ushakov, R. A. - Improve the use of the land! *Vest. sel'khoz. nauki* 13 no. 11:88-78 M '68.

631.1(471.313)—Tula Province

Shchegolev, G. - Paths of growth. *Sov. profsoyuz* 24 no. 2:17 M '68.

631.1(471.318)—Kaluga Province

Degtyarev, I. V., Osipov, L. I. - Experience of Kaluga Province in the economic evaluation of land. *Vest. sel'khoz. nauki* 13 no. 11:78-81 M '68.

631.1(471.36)—Orenburg Province

Klimov, P. - The word is followed by deed. *Sov. profsoyuz* 24 no. 2:116-116 M '68.

631.1(477.5)—Western Ukraine

Shal'ko, M. - Prompted by life. *Agitator* no. 23:47-48 M '68.

631.3 Agricultural implements, machinery. Farm modernization

Arbuzov, M. M. - Effect of increased speed on the coefficient of friction between steel and soil. *Trudy BSKHA* 54:173-178 '68.

Artyukhin, V. A., Babenko, K. P. - A new method for calculating flywheel mass. *Trudy BSKHA* 54:145-151 '68.

Balchikov, V. K. - Some results of laboratory and field studies of a two-blade outboard with a guard. *Trudy BSKHA* 54:100-105 '68.

Baranov, A. A. - Study of the dynamics of the tractive resistance of agricultural machines. *Trudy BSKHA* 54:141-148 '68.

Belikov, G. M., Loshchinsky, I. P., Shchegolev, V. I. - Machinery for soil cultivation in mountain vineyards. *Sov. mezh. rah. Sakh. opyt. sta. sel'khoz. i kosh. prod. kn. i lit.* no. 1:340-342 '68.

Chukhina, M. V. - Movement of rotary star wheels in a soil layer. *Trudy BSKHA* 54:141-148 '68.

Krasnitskiy, D. A. - Stability of straight line movement of a wheeled tractor unit. *Trudy BSKHA* 54:168-175 '68.

Gerasimov, M. V. - On the 80th birthday of Academician of the All-Union Academy of Agricultural Sciences "V. I. Lenin", Mikhail Efremov Kiselev. *Vest. sel'khoz. nauki* 13 no. 11:118 M '68.

Chukhina, M. V., Fedotova, G. M. - Some aspects of the analysis of expenditures for the repair of tractors. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:384-388 '67.

Chukhina, M. V. - Increasing the evenness of fertilizer distribution by a machine spreader. *Trudy BSKHA* 54:141-148 '68.

Chukhina, M. V. - Study of weighing devices for sorting single piece agricultural products. *Trudy BSKHA* 54:141-148 '68.

Ivashchenko, V. A. - Means of perfecting vocational training in rural schools. *Uch. zap. MGPI* 17:130-148 '68.

Kashin, M. D. - Some basics of the work of the transposing device in flax threshers. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:384-388 '67.

Kholodkov, M. T. - Mathematical and statistical characteristics of the evenness of seed distribution in sowing. *Trudy BSKHA* 54:141-148 '68.

Khalil, G. A., Blazhnev, V. M. - Some results of work in the construction of a flax seed collecting machine. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:384-388 '67.

Klein, V. I. - Classification of the operating elements of a rotary tiller with the axes of the tiller drums at an acute angle to the movement direction of the unit. *Trudy BSKHA* 54:141-148 '68.

Kovaly, I. U. M. - Multiblade impeller type operating element. *Vest. sel'khoz. nauki* 13 no. 11:110-113 M '68.

Kozlovskiy, P. I. - Refilling the SCOM-6 square seed sower for single-seed sowing of corn. *Trudy BSKHA* 54:141-148 '68.

Krasov, A. P. - Interaction of the sowing body with the soil. *Trudy BSKHA* 54:141-148 '68.

Krasovskiy, M. P. - Dynamics of tuber movement in a vibrating sower. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:384-388 '67.

Lavrov, P. M. - On the 80th birthday of Academician of the All-Union Academy of Agricultural Sciences "V. I. Lenin", Mikhail Grigorievich Krasov. *Vest. sel'khoz. nauki* 13 no. 11:117-118 M '68.

Lysenko, V. I. - Results of study of some parameters of a reel for lupine harvesting. *Trudy BSKHA* 54:141-148 '68.

Morozov, P. A. - Dependence of the depth of the gauge of the leading wheels of a self-propelled chassis on the speed of movement. *Trudy BSKHA* 54:141-148 '68.

Maslov, I. M. - Losses in the self-propulsion of a wheeled tractor. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:371-378 '67.

Mikhlin, T. I. - Study of the evenness of distribution of toxic mixtures by the soil following passive and active feed through a fertilizer pipe. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:420-424 '67.

Movik, B. A. - Increasing the working speed of units for narrow lifting of potatoes. *Trudy BSKHA* 54:141-148 '68.

Shkiper, A. M. - Movement of the disc harrow opener of a grain sower in a soil layer. *Trudy BSKHA* 54:141-148 '68.

Shchegolev, G. P., Movik, B. A. - Substitution of the telemetry and machine systems for cultivating and harvesting potatoes. *Trudy BSKHA* 54:141-148 '68.

Shchegolev, I. V. - Aspects of the mechanized raising and harvesting of potatoes in conditions of sufficient and increased moisture. *Trudy Vsesoyuz. sel'khoz. inst.* no. 7:377-382 '67.

Fakharov, M. V. - Effect of the construction of the plowshare on the evenness of distribution of tubers in rows during potato planting. *Trudy BSKHA* 54:141-148 '68.

Zakharov, M. V., Koshchikov, V. K. - Use of radioactive labeling for evaluating the evenness of distribution of tubers in rows while planting potatoes. *Trudy BSKHA* 54:141-148 '68.

Zaretsky, Z. M. - Some aspects of the structure and kinematics of mounted systems with automatic devices for the maintenance of a given soil tillage depth. *Trudy BSKHA* 54:141-148 '68.

631.3(471.33)—Dzharkir A. S. S. R.

Isakovich, R. - It is possible to do more. *Ochr. trade i sots. strukh.* 11 no. 12:12 D '68.

631.3(477.6)—Western Ukraine

Barog, G. P. - Mechanized regulation of sugar beet planting thickness in Western Ukraine. *Russkolevostroy* no. 4:23-28 '68.

631.343 Grain elevators. Silos

Prilinder, B. I. - Some mathematical aspects of the theory of grain elevators. *Dokl. TSKHA* no. 123:75-78 '68.

631.4 Soil science

Albasov, K. B., Bondarenko, M. F., Gikins, A. M. - Some aspects of the electrical reclamation of saline soils. *Sov. i av. i kosm.* 13 no. 14:284-281 '67.

Al'-Ani, Fattakh. - Some regularities of the distribution of salts in soil with capillary movement of solutions. *Vest. Mosk. un. Ser. 6:804, poskv.* 21 no. 6:111-117 M-D '68.

Alshina, S. M., and others. - Use of sulfuric acid to improve soils. *Dokl. TSKHA* no. 123:104-108 '68.

Arasova, E. I. - Determination of nonexchangeable potassium in soil by means of sodium tetraphenyl borate. *Agroklimatika* no. 12:97-102 D '68.

Balashov, S. I. - Using liquid measure on soddy-podzolic loamy soils of White Russia. *Agroklimatika* no. 12:91-98 D '68.

Barinov, I. A., Kichinsk, G. G. - Statistical interrelationship of the total quantity of trace elements in the soil. *Mikroelementy* v zems. no. 6:38-38 '68.

Barilevich, S. D. - Effect of cyanoguanidine on rhizosphere and root microorganisms of corn and on soil microflora. *Dokl. TSKHA* no. 123:76-80 '68.

Belov, G. V. - Dependence of the quantification coefficient of erosion of a front on the speed of filtration, studied by tritium labeled water in core samples of earth. *Dokl. TSKHA* no. 123:173-179 '68.

Bondarenko, M. F. - Effects of traces of displacem. stability of a liquid on its movement in an unsaturated medium. *Sov. i av. i kosm.* 13 no. 14:24-27 '67.

Bondarenko, M. F., Karpis, S. V., Piskunov, S. M. - Transfer of moisture to the evaporation front in a strongly nonstationary process. *Sov. i av. i kosm.* 13 no. 14: 28-44 '67.

Bondarenko, M. F., Piskunov, S. M. - Effectiveness of non-ionic surface-active substances as depressors of physical evaporation from the soil. *Sov. i av. i kosm.* 13 no. 14:44-47 '67.

Chaykina, M. V. - Effect of perennial grasses on changes of some properties of Podzolic soils. *Trudy Komi. fil. AN SSSR* no. 17:1-18 '68.

Chaplinov, I. U. K. - Change in the level of availability of phosphate ions in sod-Podzolic soils under the influence of organic and mineral fertilizers. *Dokl. TSKHA* no. 123: 211-217 '68.

Dobin, V. N. - Separation for fractionation of humic acids. *Nauka. dokl. vuz. i shkoly; biol. nauk* 11 no. 11:123-128 '68.

Krasov, M. I., Zakharov, M. G. - Experiments in raising vegetable cultures in porous clay filler beds with industrial heating. *Sov. i av. i kosm.* 13 no. 14: 124-128 '67.

Kryazev, R. P. - Characteristics of water-soluble organic substances in soil solutions according to data of potentiometric titration. *Dokl. TSKHA* no. 123:113-119 '68.

Ogorodnikov, M. I. - Effect of available aluminum on the development and nitrogen-fixing activity of *Beijerinckia*. *Dokl. TSKHA* no. 123:81-86 '68.

Onod, B. I. - Formation of substances toxic to plants during the decomposition of straw in the soil. *Dokl. TSKHA* no. 123:373-378 '68.

Ovcharenko, K. A. - Microscopical studies of the soils of Chernozem-Solonchaks complexes. *Dokl. TSKHA* no. 123: 67-71 '68.

Ignat'ev, M. M. - Effect of temperature on the absorption of oxygen and generation of carbon dioxide by the soil. *Dokl. TSKHA* no. 123:9-13 '68.

Ignat'ev, M. M. - Use of the Warburg method for determining the quantity of oxygen absorbed by the soil. *Dokl. TSKHA* no. 123:147-151 '68.

Ushakov, K. V., Denis, V. A. - Effect of soil and turf properties on the accumulation of streptomycin-80 in harvests of potatoes and cabbage. *Dokl. TSKHA* no. 123: 261-267 '68.

Ushakov, G. L., Langenbar, V. A. - Study of nonlinear equations of moisture transfer. *Sov. i av. i kosm.* 13 no. 14:16-17 '67.

Ushakov, G. L., Langenbar, V. A., Piskunov, M. V. - Solving nonlinear equations of moisture transfer by the method of differences. *Sov. i av. i kosm.* 13 no. 14: 18-23 '67.

Ivanov, A., Shchegolev, K. - Study of the effect of soil density on its fertility and quantity of unavailable moisture in it. *Sov. i av. i kosm.* 13 no. 14:163-168 '67.

Krasov, M. A., Boudin, M. G. - Evaluation of the exactness of the immediate determination of the thermal balance components of the underlying surface. *Sov. i av. i kosm.* 13 no. 14:77-80 '67.

Kalinsk, V. A., Shchegolev, G. A. - Experiments in the use of aerial photographs for large-scale mapping of soils in the sod-Podzolic zone. *Dokl. TSKHA* no. 123: 24-30 '68.

Kanashchikov, M. A. - Availability of cobalt, manganese and copper cations in the soil. *Mikroelementy* v zems. no. 6:23-30 '68.

Kasatkina, M. I., Sokov, A. A. - Effect of the form of nitrogen fertilizers on peat rich soils. *Sov. i av. i kosm.* 13 no. 14:163-168 '67.

Khabanetskiy, A. D., Krasov, A. V. - Sod-Podzolic soils on peatlands near Cherniv. *Dokl. TSKHA* no. 123:187-194 '68.

Khabanetskiy, A. D., Krasov, A. V. - Swelling as an index of the genetic properties of randomly calcareous Podzolic soils. *Dokl. TSKHA* no. 123:23-27 '68.

Kononov, A. M., Garbay, V. A. - Effect of soil compaction on seed germination in the vegetation method of study. *Trudy BSKHA* 54:141-148 '68.

Korda, V. A., Romanov, B. G., Samoilova, M. M. - Soil map of the world. *Priroda* no. 12:7-7 '68.

631.4 (Continued)

- Kozlov, M. A. - Dynamics of quantity of iron-reducing microorganisms in soils of the taiga-forest zone. Dokl. TSKHA no. 138 87-91 '63.
- Krishchenko, V. P., Glomsk, A. A. - Change in the protein fraction content in rye grains, obtained by chromatography on triethylaminoethylcellulose during the dormancy periods. Dokl. TSKHA no. 138-89-93 '63.
- Komarov, A. V., Khatanishvili, A. D. - Highly dispersed minerals in acid-Podzolic soils on permafrost soil. Dokl. TSKHA no. 133 165-172 '63.
- Lashko, A. - Seminar on the exchange of experience in controlling soil erosion. Vest. sel'khoz. nauch. 13 no. 11 148-153 N '63.
- Liamonovskii, S. Kh. - Calculation of the coefficient of removal of nitrogen and ash elements by different species of trees. Dokl. TSKHA no. 133-111-116 '63.
- Ligun, S. T. - Duration of fertilizer residual effect on leached Chernozems and its connection with the system of crop rotation. Agroklimatika no. 12:26-34 D '63.
- Lytov, A. M. - Biological activity of the soil in combined experiments of the Timiryazev Agricultural Academy. Dokl. TSKHA no. 133-181-186 '63.
- Mamukova, Zh. M., Shil'nikova, V. K. - Effect of physiologically active substances on the respiration of nitrogen-fixing microorganisms. Dokl. TSKHA no. 133 367-371 '63.
- Mishchenko, N. K., Naryn, S. V. - Adherence mechanism of moistened dispersed materials to hard surfaces. Shor. trudy po agron. nauch. no. 14:97-104 '67.
- Mishchenko, B. N., Lytsov, I. A. - Water holding capability of dispersed systems. Shor. trudy po agron. nauch. no. 14: 55-61 '67.
- Mishchenko, V. L. - Phosphate balance of acid-Podzolic silty loam soils. Dokl. TSKHA no. 133-141-145 '63.
- Mishchenko, V. L., Poddubnyi, N. M. - Oxidation-reduction conditions of acid-Podzolic silty loam soils depending on the degree of their reclamation. Dokl. TSKHA no. 133-133-139 '63.
- Mysim, V. I. - Oxidation-reduction conditions of soils of different moisture. Dokl. TSKHA no. 133-37-41 '63.
- Nikolova, S. Sh. - Effect of nitrification on soil microorganisms: a review of the literature. Mikrobiol. v. 58, no. 6:66-74 '63.
- Olsanov, M. M., Kodanova, L. I. - Effect of trace elements on the yield of horse beans. Mikrobiol. v. 58, no. 6:75-77 '63.
- Pavlov, M. P., Bykova, M. V. - Change in the properties of Solonchaks soils as a result of treatment with salts of iron, aluminum and calcium. Dokl. TSKHA no. 133 93-96 '63.
- Pavlov, M. P., Kolarova, E. L. - Reasons for the spottiness of the soil cover of meadow-steppe complexes. Dokl. TSKHA no. 133-94-103 '63.
- Pechenova, S. Ia., Poddubnyi, N. M. - Migration of some compounds in flood plain soils. Dokl. TSKHA no. 133 133-136 '63.
- Pel'ner, A. S. - Effect of temperature, toxic chemicals and binding on the kinetics of urea decomposition in the soil. Dokl. TSKHA no. 133-103-106 '63.
- Radzinskii, O. A. - Comparative characteristics of the soil in the last field of the "Moshapovo" experimental farm. Dokl. TSKHA no. 133-33-34 '63.
- Reval, I. B. - Device for the study of the water resistance of soil microstructures. Shor. trudy po agron. nauch. no. 14 107-112 '67.
- Reval, I. B., Kolarova, E. L. - Retardation of the soil and its effect on biological activity. Shor. trudy po agron. nauch. no. 14:164-178 '67.
- Ramkova, I. A. - Effect of sorbent coatings on the aggregate and microaggregate composition of soils during artificial restructuring. Shor. trudy po agron. nauch. no. 14: 178-183 '67.
- Romanov, I. A. - Method for determining the conditional and unconditional water resistance of soil aggregates. Shor. trudy po agron. nauch. no. 14:113-117 '67.
- Sakharov, N. L. - Changes in the physical properties of the soil under the influence of tillage and their effect on yield. Shor. trudy po agron. nauch. no. 14:113-117 '67.
- Shkolan, M. G. - Study of the drying criteria for the evaluation of water reserves and water demands of agricultural crops. Shor. trudy po agron. nauch. no. 14:69-84 '67.
- Shvach, V. L., and others. - Effect of temperature on the absorption of calcium by the soil. Dokl. TSKHA no. 133 5-10 '63.
- Savitskii, K. A. - Distribution of oligotrophic microorganisms in the soil and rhizosphere of plants. Trudy Vsesoyuz. sel'khoz. nauch. no. 11:132-136 '67.
- Shvach, O. A. - Change in the physicochemical properties of Solonchaks soils during biological amelioration. Dokl. TSKHA no. 133-39-38 '63.
- Sokolovskii, M. A. - Effect of the density of the soil on the distribution of pores according to size and on the hydrophysical properties. Shor. trudy po agron. nauch. no. 14:133-143 '67.
- Tappin, K. E., Karagina, L. A. - Species affiliation and physiological features of the prokaryotes of acid-Podzolic and Chernozem soils. Dokl. TSKHA no. 133 368-380 '63.
- Tretakii, A. L., Shvach, O. A. - Characteristics of the soil cover at the "Moshapovo" experimental farm of the Timiryazev Agricultural Academy. Report No. 1. Dokl. TSKHA no. 133-3-23 '63.
- Tsachov, E. R. - A combined instrument for studying soil edaphonology. Trudy TSKHA 4(193-194 '63).
- Vasilevich, V. A. - Effect of organic-mineral fertilizers on the yield of winter rye in strongly acid highly eroded soil. Shor. trudy po agron. nauch. no. 14:113-117 '67.
- Vladimirov, V. K. - Acoustic method of soil degrading while determining the specific gravity. Shor. trudy po agron. nauch. no. 14:118-123 '67.

- Volkova, V. D. - Effect of trace elements on the corn in Chernozem of the Kaporoshye. Agroklimatika no. 12 113-114 D '63.
- Volkova, V. Ia. - Study of the interaction of polymers with soil particles in typical Chernozems. Shor. trudy po agron. nauch. no. 14:133-138 '67.
- Zharag, V. I., Belonozhko, M. A., Litvin, V. G. - Effectiveness of trace elements in Chernozem soils in their ground application under sugar beet. Agroklimatika no. 12:30-38 D '63.
- Zil'manbekov, I. A. - Qualitative composition of organic substances of soils of variable degree of amelioration. Uzb. khim. shor. 12 no. 4:35-37 '63.

631.4(470)—European U.S.S.R.

- Arshapova, L. B., Duleva, K. M. - Some agrochemical characteristics of soils on grassed districts in the Voronezh tundra. Agroklimatika no. 12:116-117 D '63.

631.4(471.1)—Volynia Province

- Kamynskii, A. V. - Effectiveness of peat-dolomite and peat-gypsum components in crop rotations with potatoes on the light soils in Volynia Province. Shor. trudy po agron. nauch. no. 14:113-118 '67.
- Vasilevich, V. A., Kallikov, I. M. - Agrochemical characteristics of the old cultivated pastures on the Dittia Farm. Shor. trudy po agron. nauch. no. 14:113-118 '67.

631.4(471.31)—Moscow Province

- Pechenova, S. Ia. - Dynamics of the group composition of phosphorus in the floodplain soils of the Rameskoye watershed of the Moscow River. Dokl. TSKHA no. 133 11-17 '63.
- Vladimirov, V. G. - Thermogravimetric analysis of humic acids in flooded and nonflooded soils of Ussu Reservoir. Mezh. dokl. vyz. shkoly; dokl. nauch. 11 no. 12:126-133 '63.

631.4(471.318)—Kharkov Province

- Strogonova, M. M., Urusovskii, I. S. - Soil zoning in the Kharkovskaya region and problems of the rational agricultural use of soils. Vest. Mosk. univ. Ser. 6:160, podv. 31 no. 6:160-166 N-D '63.

631.4(471.4)—Central and Lower Volga regions

- Shim, I. M. - Fractional composition of the humus of meadow-Chernozem and light-Chernozem soils of the southern part of the Volga Hills. Dokl. TSKHA no. 133 127-132 '63.
- Tsachov, E. R. - Differential porosity of the light-Chernozem soils of the southern part of the Volga Hills. Dokl. TSKHA no. 133 91-95 '63.

631.4(471.46)—Astrakhan Province

- Kotlov, V. V. - Water balance and evaporative ability of the grounds and soils of the Volga-Akhizba floodplain. Dokl. TSKHA no. 133-377-384 '63.
- Parashina, M. M., Ia, P. V. - Geologic features of the Brown semi-desert soils of the Caspian Sea region. Dokl. TSKHA no. 133-41-48 '63.

631.4(471.5)—Ural regions

- Vitova, V. P., Kulev, G. A., Rukhovich, G. K. - Effect of varietal changes on chemical and microbiological properties of turf-Podzolic soils of the Trans-Ural region. Trudy Inst. khim. nauch. 11 no. 3:183-179 '67.

631.4(471.63)—Krasnodar Territory

- Bosha, P. M. - Hydrophysical properties of the soils of vineyards in the subtropical zone of Krasnodar Territory. Shor. trudy po agron. nauch. no. 14:113-117 '67.

631.4(471.67)—Dagestan A.S.S.R.

- Strogonova, M. M., Fedorov, K. M. - Chemical composition of natural phytochemicals of the Terek Delta and their relation to the structure of soil cover. Mezh. dokl. vyz. shkoly; dokl. nauch. 11 no. 12:126-133 '63.

631.4(471.7)—Ukraine A.S.S.R.

- Reval, I. B., Chobanova, S. A. - Biological activity and fertility of the light-loamy Chernozem-meadow soils of the Dnieper Valley. Shor. trudy po agron. nauch. no. 14: 133-143 '67.

631.4(471.8)—Western Ukraine

- Kalitskii, I. M. - Soils of the Prykarpattia Range of the Carpathian Mountains and their forest-plant properties. Dokl. TSKHA no. 133-417-421 '63.

631.4(471.9)—Crimea

- Cheser, P. G. - Agrophysical characteristics of soils in the steppe and piedmont Crimea. Mezh. dokl. vyz. shkoly; dokl. nauch. 11 no. 12:123-130 '63.

631.4(470)—Caucasus and Transcaucasia

- Kerashvili, L. I. - Soils of alluvial fans of the left bank of the Alazani River. Soob. AN Gruz. SSR 81 no. 3:467-472 '63.

631.4(471.82)—Georgia A.S.S.R.

- Patricashvili, R. A. - Cultivated soils of artificial terraces in Mtskheta. Soob. AN Gruz. SSR 90 no. 3:453-466 My '63.

631.4(471.13)—Ossak Province

- Bastarashvili, B. B. - Effect of different soil cultivation methods on the microflora of the Solonchaks and forest steppe zones of Ossak Province. Mezh. dokl. vyz. shkoly; dokl. nauch. 11 no. 12:127-130 '63.

631.4(471.61)—Krasnoyarsk Territory

- Tokovoi, M. A., and others. - Copper in the soils and plants of Krasnoyarsk Territory. Mikrobiol. v. 58, no. 6:77-77 '63.

631.4(471.84)—Buryat A.S.S.R.

- Pokatilov, T. U. G. - Content of different forms of boron in the soils as revealed by geochemical studies of boron forms in the Barguzin intermountain basin of the Buryat A.S.S.R. Mikrobiol. v. 58, no. 6:82-83 '63.

631.4(471.85)—Yakut A.S.S.R.

- Krishtakov, V. V. - Soil of the Mirnyy and Mirnyy, Priroda no. 12:73-74 '63.

631.4(471.61)—Aster Province

- Korshakov, D. M. - Soil content of the soils and parent rock of the Zoya-Tureya Plate. Mikrobiol. v. 58, no. 6:9-10 '63.

631.4(471.84)—Kazakh A.S.S.R.

- Antonova, G. V., Kullakov, E. V., Merdina, A. P. - Hydrophysical properties of the calcareous Chernozems of northern Kazakhstan. Dokl. TSKHA no. 133-33-34 '63.
- Davlatov, F. A. - Content of trace elements in the soil and vegetables in various surroundings on growing plots. Trudy Alma-Ata gos. mod. inst. 23:44-44 '63.
- Ismail, A. A., Nikolova, S. A. - Effect of mineral fertilizers on spring wheat grain yield and quality on the chernozem soils of Northern Kazakhstan. Mezh. dokl. vyz. shkoly; dokl. nauch. 11 no. 12:127-133 '63.
- Kulakov, E. V., Gromyko, I. D., Kozlov, A. V. - Physicochemical properties and mineralogical content of the more widely distributed soil-forming rocks in northern Kazakhstan. Dokl. TSKHA no. 133-71-74 '63.
- Pavlov, M. P., Shvach, O. A. - Dynamics of organic reduction processes in soils of light mechanical composition in Solonchaks complexes in the Irtysh Valley. Dokl. TSKHA no. 133-83-84 '63.
- Parashina, M. M., Ia, P. V. - Geologic features of the Brown semi-desert soils of the Caspian Sea region. Dokl. TSKHA no. 133 41-48 '63.
- Parashina, M. M., Kozlov, S. M. - Group and fraction composition of the humus of dark-Chernozem soils of the Kazakh steppe (in Karaganda Province). Dokl. TSKHA no. 133-138-139 '63.
- Shvach, O. A. - Soil regime and dynamics of organic bases in Solonchaks of light mechanical composition in the Irtysh Valley. Dokl. TSKHA no. 133-71-74 '63.

631.4(471.85)—Central Asia

- Agikhaniyev, G. P., and others. - Fiziko-khimicheskie i biologicheskie osnovy. Izv. AN SSSR, ser. ge. 5:126 8-C '63.

631.5 Operations, Growing, Cultivation methods

- Abdrazizova, L. B. - Significance of the relationship between potassium and calcium in a culture medium for rice tomatoes by the hydroponic method. Dokl. TSKHA no. 133-43-48 '63.
- Abdrazizova, L. B., Ravat, I. B. - Effect of the temperature of the covering on the quantity of seed sprouts. Shor. trudy po agron. nauch. no. 14:144-148 '67.
- Akopov, R. S., Arslanov, R. K. - Various biological yields of tiller crops and the amount of its efficiency. Trudy Armkhi (1961) 1: 63-78 '67.
- Alakozov, M. A. - Effect of planting density and sowing area on the yield of potatoes. Shor. trudy po agron. nauch. no. 14:144-148 '67.
- Alakozov, M. A. - Effect of the ventilation of potato material and sprouting in moist houses on the yield of potatoes. Shor. trudy po agron. nauch. no. 14:144-148 '67.
- Belonozhko, M. A., Pechenova, S. P., Krylov, L. V. - Influence of the aftereffects of winter plantings on the composition of proteins in spring wheat grain. Dokl. TSKHA no. 133-331-338 '63.
- Dezobin, A. P., Stepanov, G. R. - Effect of the harvest period of young hemp on the fiber yield and quality. Nauch. trudy no. 6:68-71 '63.
- Dzhegov, G. I., Dzhegov, I. P. - Green manure for reclamation plots on mountain slopes. Shor. trudy po agron. nauch. no. 14:144-148 '67.
- Dolashko, A. I. - Effect of soil tillage methods on the yield of potatoes. Dokl. TSKHA no. 133-33-34 '63.
- Krasnikov, R. I., Yakimov, M. G. - Experience in raising vegetable cultures in porous clay filter bottom with industrial heating. Shor. trudy po agron. nauch. no. 14: 184-189 '67.
- Milakov, M. K. - Some aspects of the agroecology of raising lupine for seed. Trudy Vsesoyuz. sel'khoz. nauch. inst. no. 1:77-86 '67.
- Pavlov, M. P., Krasnikov, I. G. - Effect of tillage of early-fall plowed land on the accumulation of weeds, weediness and yield in dry areas. Vest. sel'khoz. nauch. 13 no. 11:36-38 M '63.
- Parashina, L. D. - Effect of the means of controlling soil crust on the thickness and evenness of the soil plant stands. Nauch. trudy no. 6:87-92 '63.

631.5 (Continued)

- Corodell, M.G., Stepanov, I.U.V., Khodakovskii, P.P. - Methods for raising polyphoid sugar beets. *Russkoe roditel'stvo* no. 8:7-8 '68.
- Isaev, D.V., Kozov, O.V. - Deepening the tillable layer of podzolic soils planted with furrow crops in crop rotations with lupine. *Trudy Veltkoi sel'skhoz. inst.* no. 7:63-71 '67.
- Khramov, V.L. - Crop rotation and winter crops. *Dokl. TSKHA* no. 123:122-128 '68.
- Kotorski, P.L. - Refitting the STOKM-8 square seed sower for single-seed sowing of corn. *Trudy BSKHA* 5:41-47 '68.
- Kurkina, A.V. - Response of perennial grasses to soil tillage methods. *Dokl. TSKHA* no. 123:41-45 '68.
- Ligun, S.T. - Duration of fertilizer residual effect on leached Chernozems and its connection with the system of crop rotation. *Agrokhimika* no. 12:25-26 D '68.
- Lubimova, E.K. - Ways to increase the nutritive value of grass stands in cultivated pastures. *Dokl. TSKHA* no. 123:129-133 '68.
- Molotov, K.A., Varlamova, K.A. - Some agricultural practices used to obtain high yields of cocksfoot in the North. *Trudy Komi AN SSSR* no. 17:85-94 '68.
- Ostapenko, V.L. - Use of the physiological method of evaluation of the quality of cherry, apricot pollinators. *Vest. sel'khoz. nauch. ts. no. 11:91-95 N '68.*
- Prichodko, P.M. - Productivity of sugar beets in different methods of raising and thicknesses of planting under irrigation. *Russkoe roditel'stvo* no. 8:10-11 '68.
- Prigla, V.V., Lyutsk, V.M. - Results of the comparative study of single and multiple seed sugar beets in square-plant and square cultivation. *Russkoe roditel'stvo* no. 8:27-33 '68.
- Rivet, L.B., Kozlova, L.D. - Rotational cultivation of the soil and its effect on biological activity. *Sbor. nauch. po agron. na.* no. 14:164-178 '67.
- Rykov, M.A. - Dynamics of lupine plant drying in relation to the period of desiccation and preparation. *Trudy Veltkoi sel'skhoz. inst.* no. 7:81-88 '67.
- Shchegolev, M.I. - Changes in the physical properties of the soil under the influence of tillage and their effect on yield. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 4:32-39 '67.
- Shchegolev, M.V. - Effect of early potato harvest on the seed quality of the tubers. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 5:192-193 '67.
- Shchegolev, A.R., Belosere, I.I. - Inter-row dibbling of corn on slopes. *Vest. sel'khoz. nauch. ts. no. 11:18-19 N '68.*
- Shchegolev, D.M. - Evaluation of the characteristics of machine operation organization during harvest. *Vest. sel'khoz. nauch. ts. no. 11:98-99 N '68.*

631.5(471.12)—Vologda Province

- Galla, V.L. - Theory of the mechanical formation of sugar beet planting density. *Vest. sel'khoz. nauch. ts. no. 11:64-67 N '68.*
- Kanyukov, A.V. - Effectiveness of peat-dolomite and peat-gypsum composts in crop rotations with potatoes on the light soils in Vologda Province. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 8:81-82 '67.

631.5(471.13)—Komi A.S.S.R.

- Cherokhin, M.M. - Cultivation of annual plants in the Komi A.S.S.R. by planting in the open ground. *Trudy Komi AN SSSR* no. 17:63-66 '68.

631.5(471.26)—Pskov Province

- Belikov, S.M. - Reducing the labor-demanding part of raising fodder root crops in Pskov Province. *Trudy Veltkoi sel'skhoz. inst.* no. 7:113-117 '67.

631.5(471.31)—Orel Province

- Kalashnik, A.G. - Preparing the soil for millet in the central part of Orel Province. *Dokl. TSKHA* no. 123:47-53 '68.

631.5(477.6)—Donetsk Basin

- Belasnik, X.B., Iakovlev, I.P. - Spring pre-sowing tillage of fall-plowed fields in connection with sunflower sowing periods in the eastern steppe regions of the Ukraine. *Russkoe roditel'stvo* no. 8:18-24 '68.

631.5(477.8)—Western Ukraine

- Corodell, M.G., Fedotova, L.V. - Sowing periods, nutritional area and fertilizers for sunflowers grown in the northern forest-steppe zone of the right bank Ukraine. *Russkoe roditel'stvo* no. 8:40-48 '68.
- Peter, P.V. - Aspects of the non-transplanting method of sugar beet raising for seed in the western regions of the Ukraine. *Russkoe roditel'stvo* no. 8:33-36 '68.

631.56 Selection. Breeding. Acclimatization

- Dankin, P.P. - Production significance of the study of aerial properties discovered during field approximation of wheat. *Dokl. TSKHA* no. 123:98-100 '68.
- Kramova, V.N. - Seed abnormalities in legumes. *Dokl. TSKHA* no. 123:91-93 '68.
- Fedotova, L.V. - Effect of climatic conditions on the formation of hybrids of spring vetch. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 5:126-143 '67.
- Fedotova, L.V. - Spring vetch variety "Simona". *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 5:126-137 '67.
- Corodell, M.G., Stepanov, I.U.V., Khodakovskii, P.P. - Methods for raising polyphoid sugar beets. *Russkoe roditel'stvo* no. 8:3-8 '68.
- Orlovskaya, M.G., Vtchina, L.A. - Seminar on the genetic basis of selection of plants and animals. *Vest. sel'khoz. nauch. ts. no. 11:128-148 N '68.*

Konstantinov, N.P. - Perspective lines of beets.

- Dokl. TSKHA* no. 123:117-121 '68.
- Molotov, K.A. - Sexual differences in the generative organs and heterosis in plants. *Dokl. TSKHA* no. 123:88-93 '68.
- Belokobyl'skiy, K.R., Melnikova, S.A. - Strawberry hybrids from scion-rooted and grafted types. *Vest. sel'khoz. nauch. ts. no. 11:84-87 N '68.*
- Vorodina, V.M. - Selection of sorghum parent forms on the basis of their photoperiodic reaction. *Vest. sel'khoz. nauch. ts. no. 11:103-105 N '68.*
- Zaslavskaya, L.B. - Strength of the root system as a selection index in breeding plants for non-lodging and yielding capacity. *Vest. sel'khoz. nauch. ts. no. 11:118-121 N '68.*

631.55(471.18)—Vologda Province

- Spirina, V.V. - Contemporary standard and prospective assessment of fruit and berry cultures in eastern Vologda Province. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 5:144-154 '67.

631.55(471.63)—Krasnodar Territory

- Krasnaya, V.A. - Biology, selection and strain testing of bees in the Kuban foothill regions. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta. subtrop. i kash. plod. kn't.* no. 7:76-82 '63.
- Shchegolev, R.A. - Strain study and selection of strawberry at the Stok Experimental Station. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta. subtrop. i kash. plod. kn't.* no. 7:7:132-137 '63.

631.551 Seed and sowing

- Klimenko, M.T. - Mathematical and statistical characteristics of the evenness of seed distribution in sowing. *Trudy BSKHA* 5:41-53 '68.
- Konstantinov, N.P., Belokobyl'skiy, K.R. - Effect of the pre-sowing treatment of seeds with trace elements on the yield of fiber-lux. *Dokl. TSKHA* no. 123:53-58 '68.
- Shchegolev, A.M. - Movement of the disc furrow opener of a grain sower in a soil layer. *Trudy BSKHA* 5:41-53 '68.
- Rozhnov, I.K. - Study of the dimensional characteristics of fodder beet seeds. *Trudy BSKHA* 5:41-53 '68.
- Shchegolev, K.I. - Effect of pre-sowing irradiation on the process of seed germination. *Trudy Kish. sel'khoz. inst.* 37 no. 1:75-82 '64.

631.56 Rural engineering

- Molotov, K.A. - Furrow irrigation of the orchards in sub-mountain regions of the Ararat Plain. *Trudy ArmNIIVPMO* 1:48-54 '67.
- Ostapenko, V.L. - Standards, calculation methods and some technical regulations for projecting irrigation of high-mountain pastures. *Trudy ArmNIIVPMO* 1:63-63 '67.
- Shchegolev, A.V. - Changes of absorption rate in furrow irrigation as dependent on tractor wheel load. *Trudy ArmNIIVPMO* 1:78-83 '67.

631.56 Fertilizers. Manure

- Abroskin, L.S. - Significance of the relationship between potassium and calcium in a culture medium for raising tomatoes by the hydroponic method. *Dokl. TSKHA* no. 123:43-46 '68.
- Baginov, V.B., Khramov, K.K. - Sensitivity of carrots to properties in connection with mineral nutrition conditions. *Dokl. TSKHA* no. 123:221-227 '68.
- Baginov, V.B., Kozlov, L.L. - Effect of erythrin on the growth of corn and its fractional protein composition at different levels of nitrogen nutrition. *Dokl. TSKHA* no. 123:237-241 '68.
- Belikov, G.M. - Agrochemical evaluation of stimes as magnesium nutrient wastes. *Agrokhimika* no. 12:68-72 '68.
- Chernova, M.M. - Small Arthropods in the compost of straw refuse. *Nauch. dokl. vyz. shkoly biol. nauch. ts. no. 11:13-15 '68.*
- Chernova, M.M., Isakov, R.M., Malyev, M.M. - Study of the effect of fertilizer mixtures based on superphosphates ammonium nitrate, urea, and ammoniac. *Uzb. khim. shch. B. no. 8:18-22 '64.*
- Chaprilov, I.U.K. - Changes in the level of availability of phosphorus ions in soil-Podolica soils under the influence of organic and mineral fertilizers. *Dokl. TSKHA* no. 123:21-27 '68.
- Dmitriyev, G.L., Dmitriyev, I.F. - Green manures for redacted plots on mountain slopes. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta. subtrop. i kash. plod. kn't.* no. 7:7:127-138 '63.
- Geography of the factories which feed our soil a map. *Agrikol. no. 12:33-33 N '68.*
- Golod, B.L. - Effect and aftereffect of straw on the yield of leguminous and grain crops. *Dokl. TSKHA* no. 123:49-53 '68.
- Gorbatov, M.I. - Increasing the evenness of fertilizer distribution by a manure spreader. *Trudy BSKHA* 5:41-44 '68.
- Gromov, G.L. - Effect of temperature on the absorption of potassium, calcium and magnesium by the sunflower and tomato. *Dokl. TSKHA* no. 123:233-239 '68.
- Golova, M.M., Tishina, O.V. - Effectiveness of fertilizers in mixed sowings of annual legume and grain crops. *Dokl. TSKHA* no. 123:296-300 '68.
- Gulaida, I.V., Chaprilov, I.U.K. - Dynamics of phosphorus compounds in the corn plant depending on nutritional conditions. *Dokl. TSKHA* no. 123:203-208 '68.

Onikova, I.V. - Conference of the participants in the

- geographical network of experiments with fertilizers. *Vest. sel'khoz. nauch. ts. no. 11:126-137 N '68.*
- Isakov, R.M., Melnikova, S.A. - Effect of mineral fertilizers on spring wheat grain yield and quality on dark-chestnut soils of Northern Kazakhstan. *Nauch. dokl. vyz. shkoly biol. nauch. ts. no. 11:127-132 '63.*
- Iudalova, E.V., Dancho, V.A. - Effect of soil and turf properties on the accumulation of strontium-90 in harvests of potatoes and cabbage. *Dokl. TSKHA* no. 123:221-227 '68.
- Iudalova, E.V., Polonkina, N.M. - Effect of manure and mineral fertilizers on the uptake of strontium-90 by wheat. *Dokl. TSKHA* no. 123:247-250 '68.
- Ilyev, M.M. - Methodological Conference of the participants in the geographical network of experiments with mineral fertilizers. *Agrokhimika* no. 12:182-190 D '68.
- Kamachin, M.I., Solov, A.A. - Effect of the form of nitrogen fertilizers on peat rich soils. *Sbor. nauch. trudy Vologod. gos. sel'khoz. opyt. sta.* no. 5:83-91 '67.
- Kislov, I.I. - Effect of mineral fertilizers on the yield of processing sorts of hemp. *Russkoe roditel'stvo* no. 8:61-65 '68.
- Kozlov, A.D. - Agrochemical features of the use of complex mineral fertilizers. *Vest. sel'khoz. nauch. ts. no. 11:3-8 N '68.*
- Kozlov, L.L., Khakov, M.P., Baginov, V.B. - Effect of erythrin on corn in different levels of phosphorus nutrition. *Dokl. TSKHA* no. 123:217-223 '68.
- Kotamuk, L.V. - Effect of trace-element fertilizers on sowing and distribution of radioactive phosphorus in grasses. *Trudy Kish. sel'khoz. inst.* 37 no. 1:30-34 '64.
- Le Van Xi, Miranov, F.M., Malyev, M.M. - Preparation of complex liquid fertilizers by nitric acid treatment of Vietnam apatite. *Uzb. khim. shch. B. no. 4:7-19 '68.*
- Krylova, N.I., Ushakovskaya, K., Artyukhina, M. - Physicochemical properties of solutions based on nitric acid decomposition of apatite and urea depending on the degree of neutralization. *Uzb. khim. shch. B. no. 8:25-29 '68.*
- Ligun, S.T. - Duration of fertilizer residual effect on leached Chernozems and its connection with the system of crop rotation. *Agrokhimika* no. 12:25-26 D '68.
- Lykov, A.M. - Biological activity of the soil in continued experiments of the Tsimbrayev Agricultural Academy. *Dokl. TSKHA* no. 123:185-188 '68.
- Marin, D. - Industry of aluminum crops. *Agrikol. no. 22:34-36 N '68.*
- Mestokharinov, A.M. - Effectiveness of deep embedding of fertilizers during top-dressing of cotton at the initial phase of flowering. *Agrokhimika* no. 12:37-40 D '68.
- Molotovskii, Kh., Kharukin, I.S. - Effect of mineral nutrition and water economy on the growth and development of the corn hybrid Desprotopetrovskii, 06 and its parent breeds. *Agrokhimika* no. 12:73-78 D '68.
- Malyev, M.M., and others. - Complex fertilizers from Karadag phosphorites of nitric and sulfuric acids and ammoniac. *Uzb. khim. shch. B. no. 3:11-18 '64.*
- Malyev, M.M., Baginov, V.M., Kondrat'yevskaya, L.N. - Increasing the temperature of crystallization of ammonium nitrate in the action of magnetic field on a melt. *Uzb. khim. shch. B. no. 8:8-10 '68.*
- Mosyakov, B.A., Shchegolev, I.U. - Utilization of fertilizer nitrogen by soybean at different times of application. *Agrokhimika* no. 12:3-9 D '68.
- Orlov, V.P., Orlova, I.F. - Effect of acetylenes and boron on pea's yield and quality in the leached Chernozems of the Orel region. *Agrokhimika* no. 12:96-99 D '68.
- Prichodko, L.A., Parnav, I.U.M. - Dependence of the bioelectric potentials of wheat and bean roots on the interrelationship between potassium and calcium in the nutritive solution. *Dokl. TSKHA* no. 123:63-68 '68.
- Pavlova, M.F. - Effect of different doses of fertilizers on the yield of potatoes. *Dokl. TSKHA* no. 123:8-14 '68.
- Pol'tinov, A.E. - Effect of temperature, toxic chemicals and timing on the kinetics of urea decomposition in the soil. *Dokl. TSKHA* no. 123:189-190 '68.
- Peterburgskii, A.V. - Effectiveness of KPK fertilizers in local applications. *Dokl. TSKHA* no. 123:203-208 '68.
- Petravskii, A.V., Tsvetkov, M.M., Degtyarev, I.P. - Stability of plantings kept in fertilizers and acid and salt solutions. *Dokl. TSKHA* no. 123:256-274 '68.
- Rezhetskaya, M.V., Iudin, P.A. - Open-hearth sieves as additional sources of phosphoric fertilizers. *Dokl. TSKHA* no. 123:201-207 '68.
- Sabova, M.Y., and others. - Study of complex fertilizers by thermographic and X-ray diffraction methods of analysis. *Uzb. khim. shch. B. no. 8:3-7 '68.*
- Savitskaya, V.A. - Yield structure of sweeten bromine grass depending on the dose and type of mineral fertilizers. *Dokl. TSKHA* no. 123:118-123 '68.
- Shchegolev, E.E. - Effect of potassium, sodium, calcium and magnesium on the yield and metabolism of sugar beets. *Dokl. TSKHA* no. 123:218-226 '68.
- Shchegolev, E.E., Khakov, M.P., Baginov, V.B. - Effect of 2,4-D on corn in different conditions of potassium nutrition. *Dokl. TSKHA* no. 123:289-294 '68.
- Shchegolev, M.G. - Comparative productivity of food root crops as dependent on fertilizer. *Agrokhimika* no. 12:100-100 D '68.
- Shchegolev, G.E. - Root mass accumulation, shoot formation and increase of the duration of yield in red clover raised with English bluegrass during potassium-phosphorus supplementary feedings and laying three times a year. *Dokl. TSKHA* no. 123:143-147 '64.

631.8 (Continued)

- Tikhomirova, V.I.A. - Effect of ammonium nitrate on nitrifying capacity of soddy-podzolic soil. *Agrokhimika* no. 12:103-105 D '88.
- Topchygaa, V.L., Mikhailova, V.L. - Experience in calculating norms for liming and doses of fertilizer application, according to material from soil examination at the "Mikhailovskoe" educational farm. *Dokl. TSKHA* no. 12:197-202 '88.
- Valikhonova, G.Zh. - Physiological role of magnesium in plants. *Agrokhimika* no. 12:121-123 D '88.
- Vartolomeev, G.S. - Effect of mineral fertilizers on the yielding ability of grass stands on periodically flooded meadows. *Dokl. TSKHA* no. 12:148-152 '88.
- Vasilev, N.V. - Effect of lime and mineral fertilizers on clover seed yield. *Vest. sel'skok. nauk* 12 no. 11:99-101 N '88.
- Verezhkina, V.A. - Effect of organic-mineral fertilizers on the yield of winter rye in strongly acid lightly cultivated soil. *Sbor. nauch. trud. Volgod. gos. sel'skhoz. oip't. stan.* no. 4:51-55 '87.
- Verezhkina, V.A., Ivanov, A.V., Kozlov, I.M. - Effect of organic and mineral fertilizers and lime on the yield of winter rye. *Sbor. nauch. trud. Volgod. gos. sel'skhoz. oip't. stan.* no. 4:56-64 '87.
- Volkova, V.D. - Effect of trace elements on the corn in chernozems of the Krasnodar Territory. *Agrokhimika* no. 12:112-114 D '88.
- Khazov, V.I., Belonozhko, M.A., Lavin, V.G. - Effectiveness of trace elements in Chernozem soils in their ground application under sugar beet. *Agrokhimika* no. 12:80-84 D '88.
- Zinor, A.I., Sedukhina, G.I. - Effect of soil moisture and mineral fertilizers on the content and yield of hemp fiber. *Russkoe sel'sk. khoz.* no. 6:57-60 '88.
- Zhukov, I.U.P. - Effect of atrazine on the dynamics of phosphorus metabolism in corn in connection with nutritive conditions. *Dokl. TSKHA* no. 12:343-347 '88.
- 631.8(471.46)—Astrakhan Province
- Nemtsov, V.M. - Effect of irrigation norms and nitrogen fertilizer doses on the green mass of corn in the soils of the Volga-Akhtuba floodplain. *Dokl. TSKHA* no. 12:385-388 '88.
- 631.8(471.61)—Rostov Province
- Shyba, V.P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Don River. *Dokl. TSKHA* no. 12:395-400 '88.
- 631.8(476)—White Russian S.S.R.
- Al'shanskii, M.G. - Effect of magnesium and calcium on physiological-biochemical characters, yield, and quality of sugar beet in Polesye. *Agrokhimika* no. 12:60-67 D '88.
- Bukachonov, S.L. - Using liquid manure on soddy-podzolic loamy soils of White Russia. *Agrokhimika* no. 12:51-59 D '88.
- 631.8(477)—Ukrainian S.S.R.
- Gorbunov, I. - The whole production should be of better grade. *Stand. i kach.* 22 no. 11:81-84 N '88.
- Tyryshova, L.G. - Effect of nitrogen fertilizer norms on the development, yield, and quality of winter wheat and corn in the southern steppe of the Ukrainian S.S.R. *Agrokhimika* no. 12:10-13 D '88.
- Varti, S.A., Shchepeta, P.A., Belikov, A.M. - Significance of fertilizers in increasing yield and in improving the biochemical and baking properties of the grain of irrigated winter wheat in the soils of the Southern Ukraine. *Agrokhimika* no. 12:12-26 D '88.
- 631.8(477.8)—Western Ukraine
- Gorobchi, M.G., Fedorova, L.V. - Sowing periods, nutritional area and fertilizers for sunflowers grown in the northern forest-steppe zone of the right bank Ukraine. *Russkoe sel'sk. khoz.* no. 6:44-48 '88.
- Harvaylov, O.H. - Phosphate stages on the basis of Kevia's chomachories. *Viznyk LPI* no. 16:143-153 '88.
- 631.8(479.34)—Azerbaijan S.S.R.
- Guseinov, R.K., Ismailov, K.L. - Effectiveness of the forms of phosphorus fertilizers under cotton in the MII-Karabakh zone of Azerbaijan. *Agrokhimika* no. 12:48-50 D '88.
- 631.9 Agricultural influences, ecology, etc.
- Dandeev, V.P. - Comparative frost resistance of almond varieties in relation to the temperature regime. *Vest. sel'skhoz. nauk* 12 no. 11:104-106 N '88.
- Dolgov, S.L., Shchukin, G.M. - Analysis of the correlation between agricultural crop yield and solar activity. *Vest. sel'skhoz. nauk* 12 no. 11:83-88 N '88.
- Fedorova, M.M. - Effect of climatic conditions on the formation of hybrids of spring wheat. *Sbor. nauch. trud. Volgod. gos. sel'skhoz. oip't. stan.* no. 4:126-143 '87.
- Kar'ala, Z.R. - Effect of raising conditions on the growth, development, and yield of potatoes. *Dokl. TSKHA* no. 12:23-8 '88.
- Lakotnikov, G.A., Kiselev, M.D. - Effect of meteorological conditions on the content of dry substances and starch in the potato. *Vest. sel'skhoz. nauk* 12 no. 11:22-23 N '88.

- Meisterov, V.G., Kuznetsov, K.V. - Autocorrelational analysis of the daily change in bioelectrical potential of locations and of some climatic factors. *Dokl. TSKHA* no. 12:55-61 '88.
- 631.9(471.13)—Volgograd Province
- Ostapova, A.A. - Ecological conditions of the growth of different sorts of potatoes in Volgograd Province: data for the years 1944-1966. *Sbor. nauch. trud. Volgod. gos. sel'skhoz. oip't. stan.* no. 4:123-124 '87.
- 631.9(471.62)—Krasnodar Territory
- Moskalev, A.S. - Physiology of suboptimal cactuses in relation to weather conditions in footh. *Sbor. nauch. rab. dokl. oip't. sta. sel'skhoz. i kach. prod. knPI.* no. 17:98-120 '82.
- 631.9(476)—White Russian S.S.R.
- Gavrylyuk, V.S. - Changes in natural landscapes of Polesye under the influence of economic activities of man as revealed by a study made in the Oreska basin. *Viznyk Kyiv. un. Ser. biol. i med.* no. 8:127-142 '87.
- 631.9(477)—Ukrainian S.S.R.
- Gavrylyuk, V.S. - Changes in natural landscapes of Polesye under the influence of economic activities of man as revealed by a study made in the Oreska basin. *Viznyk Kyiv. un. Ser. biol. i med.* no. 8:127-142 '87.
- 632 Crop damage and protection
- Korovin, A.I., and others. - Effect of frosts on the final productivity of agricultural crops. *Moskov. i gidrol.* no. 8:75-85 N '88.
- Shatrovskiy, B.G. - Field ground beetles and their economic significance. *Trudy VNIIO, sel'skhoz. inst.* no. 7:168-177 '87.
- 632(471.62)—Krasnodar Territory
- Razvinskaya, G.M., Belonozhko, I.U.V., Kiseleva, I.S. - Study of physicochemical properties of wheat stripe mosaic virus in the Krasnodar Territory. *Nauch. dokl. vuz. akad. i biol. nauk* 12 no. 11:88-103 '88.
- Zagulya, S.A. - Protection of fruit, subtropical cultures, and grape crops from pests and diseases in the Black Sea zone of Krasnodar Territory: brief summary of the main efforts. *Sbor. nauch. rab. dokl. oip't. sta. sel'skhoz. i kach. prod. knPI.* no. 17:220-230 '82.
- 632(477.8)—Western Ukraine
- Butskak, I.I., Moshchuk, M.I. - Ribosome accumulation by megrase at the high-mountain in the Carpathian Ukraine. *Agrokhimika* no. 12:110-114 D '88.
- 632(479.1)—Uzbek S.S.R.
- Bakhtayev, I. - Weed damage to cotton fields in Andizhan Province. *Nauch. trudy TashGU* no. 30:176-77 '88.
- 632.5 Injurious plants
- Abrosimova, L.M., Rerov, I.B. - Effect of the transparency of the covering on the quantity of weed sprouts. *Sbor. nauch. trud. Volgod. gos. sel'skhoz. oip't. stan.* no. 4:144-153 '87.
- Moskalev, R.L. - Use of herbicide substances in controlling weeds in sugar beet plantings. *Dokl. TSKHA* no. 12:31-32 '88.
- Vorobey, M.H. - Competition between corn and weeds. *Vest. sel'skhoz. nauk* 12 no. 11:50-54 N '88.
- 632.8(471.23)—Leningrad Province
- Omer, I.U.D. - Change in the rodent flora of Leningrad Province during the last 500 years. *Bot. zhurn.* 83 no. 11:1549-1573 N '88.
- 632.9 Crop protection. Pest control
- Androva, G.A. - Selective ability and nutrition of *Agrotis* species L. and *Agrotis* species Feld. larvae. *Vest. sel'skhoz. nauk* 12 no. 11:38-39 N '88.
- Golovinskiy, M.M. - Systems of measures in the control of rodents in greenhouses and in vegetable storehouses. *Trudy VNIIO, sel'skhoz. inst.* no. 7:187-190 '87.
- Grapov, A.Y., Lebedeva, M.V., Mal'nikov, M.N. - The field of organic insecticides. Synthesis of other oxides of alkyl-alkylalkyl and aryl phosphoric acids. *Khim. obshch.* 25 no. 10:2258-2264 P '88.
- Gusar, M.I. and others. - Field of organic insecticides. Synthesis of some O,O-dialkyl-O-arylethyl phosphates and triphosphates. *Khim. obshch.* 26 no. 10:2244-2260 P '88.
- Gusakov, B.V. - Conference on the protection of fiber flax against diseases, pests and weeds. *Vest. sel'skhoz. nauk* 12 no. 11:22-24 N '88.
- Kosobut, I.A., Movchan, L. - Effectiveness of chloroform-like alcohols as acaricides. *Agrokhimika* no. 12:91-98 D '88.
- 632.9(471.21)—Murmansk Province
- Fedorova, L.L. - Herbicide action of sodium trichloroacetate and dapsone on *Agropyron* species in the Murmansk region. *Agrokhimika* no. 12:118-120 D '88.

- 632.9(471.25)—Dnepropetrovsk Province
- Malygina, I.A. - Spinech leaf miners in the southern part of Dnepropetrovsk Province and the optimum time in controlling them. *Trudy VNIIO, sel'skhoz. inst.* no. 7:178-181 '87.
- Shatrovskiy, B.G. - Cichid beetles in the southern part of Dnepropetrovsk Province and measures for their control. *Trudy VNIIO, sel'skhoz. inst.* no. 7:182-183 '87.
- 632.9(476.1)—Uzbek S.S.R.
- Adilova, M.B. - Seasonal dynamics of the nematode of corn plant and radish soil. *Nauch. trudy TashGU* no. 30:153-41 '88.
- Shatrovskiy, B.G. - Material on the seasonal dynamics of the nematode fauna of cotton plant and radish soil in liminary report. *Nauch. trudy TashGU* no. 30:153-41 '88.
- 632.9(477.4)—Turkmen S.S.R.
- Talaganov, A.T., Khakimova, K.L. - Some data on the nematode fauna of agricultural crops of Turkmenia. *Nauch. trudy TashGU* no. 30:153-41 '88.
- 632.95 Pesticides and control chemicals
- Andriyev, D.V. - Use of herbicides in cotton and sugar beet sowings. *Trudy VNIIO, sel'skhoz. inst.* no. 7:182-183 '87.
- Dagayev, V.D., Kiseleva, L.L. - Effect of triethyls on the growth of corn and its practical protein composition at different levels of nitrogen nutrition. *Dokl. TSKHA* no. 12:327-341 '88.
- Dogonova, M.S. - Food poisoning by grasses. *Bot. zhurn.* no. 1:142-143 Ja '88.
- Dudchenko, L.P. - Clinical aspects and treatment of phthalophos poisoning. *Vruch. dokl.* no. 1:121-123 Ja '88.
- Dudchenko, T.V. - Experimental data on the toxicity of the herbicide "Yulon". *Vruch. dokl.* no. 1:121-123 Ja '88.
- Dolids, G.V. - Relationship between toxicity and persistence of pesticides. *Sbor. AN Gruz. SSR* no. 3:733-738 N '88.
- Ivanishenko, I.A.M., and others. - Physicochemical study of some chlorinated derivatives of pyridine derivatives. *Russkoe sel'sk. khoz.* no. 6:24-28 N-D '88.
- Kobakova, L.L., Khochov, I.U.P., Bagayev, V.S. - Use of triethyls on corn in different levels of phosphorus nutrition. *Dokl. TSKHA* no. 12:327-341 '88.
- Konstantinova, M.V., Myrdinova, G.E., Blazov, I.I.A. - Herbicide derivatives of hydroxybenzyl, O-carbamoyl-N-methyl-N-alkyl-N-arylamines. *Dokl. Akad. Nauk SSSR* no. 11:1234-1235 N '88.
- Mordukhai, A.I. - Chemical control of weeds in sowing of Krasnodar yellow fodder lupine. *Trudy VNIIO, sel'skhoz. inst.* no. 7:122-127 '87.
- Moschova, L.V., Chucheva, L.L. - Effect of plant on the biochemical activity of the root microflora of sunflowers. *Dokl. TSKHA* no. 12:349-353 '88.
- Mikhaylova, T.I. - Study of the enzymes of bacteria of lactic acid in the soil following pasture and sowing food through a fertilizer pipe. *Trudy VNIIO, sel'skhoz. inst.* no. 7:122-127 '87.
- Peterburgskiy, A.V., Kolukhin, A.M. - Effect of phthalophos chloride on spring and winter wheat. *Dokl. TSKHA* no. 12:327-341 '88.
- Pravdina, L.I. - Physicochemical activity of herbicides. *Trudy VNIIO, sel'skhoz. inst.* no. 7:122-127 '87.
- Shchukin, G.M., Khochov, I.U.P., Bagayev, V.S. - Effect of atrazine on corn in different conditions of phosphorus nutrition. *Dokl. TSKHA* no. 12:327-341 '88.
- Shatrovskiy, B.G. - Use of herbicide substances in controlling weeds in sugar beet plantings. *Dokl. TSKHA* no. 12:31-32 '88.
- Kakolodina-Milina, I.A. - Activities of cholinesterase in poisoning insects with DDT. *Trudy VNIIO, sel'skhoz. inst.* no. 7:122-127 '87.
- Khochov, I.U.P. - Effect of atrazine on the dynamics of phosphorus metabolism in corn in connection with nutritive conditions. *Dokl. TSKHA* no. 12:343-347 '88.
- 632.95(471.22)—Central Black Earth region
- Vokola, V.S. - Economic effectiveness of the use of herbicides on the Gray forest soils of the central Chernozem belt. *Vest. sel'skhoz. nauk* 12 no. 11:20-21 N '88.
- 633 Field crops. Industrial crops
- Moschova, L.V. - Effectiveness of deep sowing of fertilizers during top-dressing of cotton at the late phase of flowering. *Agrokhimika* no. 12:77-83 N '88.
- Mosylov, D.A., Shchukin, G.M. - Utilization of fertilizer nitrogen by soybeans at different time of application. *Agrokhimika* no. 12:77-83 N '88.
- Varti, S.A., Shchepeta, P.A., Belikov, A.M. - Significance of fertilizers in increasing yield and in improving the biochemical and baking properties of the grain of irrigated winter wheat in the soils of the Southern Ukraine. *Agrokhimika* no. 12:12-26 D '88.
- 633(477)—Ukrainian S.S.R.
- Piston, M.D. - Regions of the industrial specificity of plant breeding in Cherkassy Province of the Ukrainian S.S.R. *Viznyk Kyiv. un. Ser. biol. i med.* no. 8:105-110 '87.

- 632,1(471,1)—Uzbek S. S. R.
 Adilov, A. D. - Seasonal dynamics of the nematode fauna of corn plant and radical soil. *Nauch. trudy TashGU* no. 30:23-41 '66.
 Strogova, E. S. - Material on the seasonal dynamics of the nematode fauna of cotton plant and radical soil. Preliminary report. *Nauch. trudy TashGU* no. 30:25-32 '66.
- 632.1 Corn. Cereals crops
 Bagayev, V. B., Kobzareva, L. L. - Effect of erythrine on the growth of corn and its fractional protein composition at different levels of nitrogen nutrition. *Dokl. TSKHA* no. 133:337-341 '68.
 Batilovich, B. D. - Effect of cyanoguanidine on rhizosphere and root microorganisms of corn and on soil microflora. *Dokl. TSKHA* no. 133:78-80 '68.
 Belokobzareva, M. B., Pleshkov, B. P., Krylov, S. V. - Influence of the aftereffects of winter plantings on the composition of proteins in spring wheat grains. *Dokl. TSKHA* no. 133:321-323 '68.
 Beryshov, B. D. - Problems of irrigation of cereals in dry areas. *Vest. sel'khoz. nauch. ts. no. 11:121-123* '68.
 Berezkin, A. M. - Histological differences of the apical zone in winter and spring wheats. *Dokl. TSKHA* no. 133:31-37 '68.
 Bliandur, O. V., Lyzhkov, V. M. - Effect on corn of certain chemicals suggested by Academician G. V. Lashchinskii. *Trudy Kish. sel'khoz. inst.* 45:184-190 '68.
 Bliandur, O. V., Orlovskiy, E. A., Bagayev, V. B. - Effect of ethylene on the production of amino-acid plant corn hybrids. *Trudy Kish. sel'khoz. inst.* 45:171-173 '68.
 Borovskiy, M. L. - Raising labeled phosphorus in female inflorescences of corn. *Trudy Kish. sel'khoz. inst.* 45:129-133 '68.
 Borovskiy, M. L. - Use of dwarf corn mutants in selection. *Trudy Kish. sel'khoz. inst.* 45:163-171 '68.
 Brik, P. L. - Study of corn ultrastructures with electron microscope. *Trudy Kish. sel'khoz. inst.* 45:175-186 '68.
 Brik, P. L., Kravchenko, K. A. - Use of labeled atoms in studying dissemination of corn pollen. *Trudy Kish. sel'khoz. inst.* 45:188-189 '68.
 Byrta, E. G. - Irrigation of corn seeds with ultrasound. *Trudy Kish. sel'khoz. inst.* 45:181-183 '68.
 Chalyk, T. S. - Study of steady manifestation of Moldavia and some types of massed sterility of corn after treatment of sprouts with various antibiotics. *Trudy Kish. sel'khoz. inst.* 45:173-178 '68.
 Chalyk, T. S., Langa, M. G. - Self-pollinated lines of corn produced from irradiated seeds and their use in hybridization. *Trudy Kish. sel'khoz. inst.* 45:160-163 '68.
 Danilova, M. M., Pleshkov, B. P. - Fractional composition of proteins in barley grains. *Dokl. TSKHA* no. 133:323-325 '68.
 Demina, P. P. - Production significance of the study of corn imperfections discovered during field application of wheat. *Dokl. TSKHA* no. 133:109-108 '68.
 Khasin, I. N. - The all-Union scientific-methodological and coordination conference on selection, seed growing, and methods of backcross hybridization. *Vest. sel'khoz. nauch. ts. no. 11:128-131* '68.
 Olsel, A. I. - Effect and aftereffect of straw on the yield of leguminous and grain crops. *Dokl. TSKHA* no. 133:75-83 '68.
 Ostikha, I. V., Chuprikov, I. U. K. - Dynamics of phosphorus compounds in the corn plant depending on nutritional conditions. *Dokl. TSKHA* no. 133:103-110 '68.
 Oshchepkov, R. K., Akimov, V. G. - Metabolism, yield and quality of rice depending on nitrogen nutrition. *Vest. sel'khoz. nauch. ts. no. 11:118-124* '68.
 Pleshkov, B. P., Voloskova, Z. M. - Effect of measure and mineral fertilizers on the uptake of strontium-90 by wheat. *Dokl. TSKHA* no. 133:347-350 '68.
 Pleshkov, B. P., Mavrovt, M. A., Kravchenko, K. A. - Primary joint action of chemical nutrients and γ -Co gamma-rays on chick pea and barley. *Trudy Kish. sel'khoz. inst.* 45:183-188 '68.
 Kholodov, I. M. - Genetic (and kinship) barley. *Nauch. dokl. vuz. shkoly. biol. nauch. ts. no. 11:121-126* '68.
 Khamidov, V. L. - Crop rotation and winter crops. *Dokl. TSKHA* no. 133:123-128 '68.
 Kobzareva, L. L., Kishkov, I. U. P., Bagayev, V. B. - Effect of erythrine on corn in different levels of phosphorus nutrition. *Dokl. TSKHA* no. 133:347-352 '68.
 Kozlov, A. I. - Preliminary definition of mutant lines of corn. *Trudy Kish. sel'khoz. inst.* 45:184-188 '68.
 Kozlov, I. U. B. - Interrelationship between the vegetative and reproductive parts of the plant in wheat and barley. *Dokl. TSKHA* no. 133:111-116 '68.
 Kozlovskiy, P. I. - Raising the γ -Co γ -radiation dose for single-seed sowing of corn. *Trudy BSKHA* 54:5-7 '68.
 Kravchenko, A. M., Kozlovskiy, L. A. - Primary effect of high doses of gamma-radiation and of certain chemical nutrients on the morphological character of corn. *Trudy Kish. sel'khoz. inst.* 45:184-188 '68.
 Kuznetsov, A. V. - Responses of perennial grasses to soil tillage methods. *Dokl. TSKHA* no. 133:41-48 '68.
 Lyzhkov, V. M. - Study of a new initial material for selection of corn produced by ionizing irradiation of the pollen. *Trudy Kish. sel'khoz. inst.* 37 no. 1:68-73 '64.
 Lyzhkov, V. M., and others. - First electron-microscopic photographs of corn chromosomes. *Trudy Kish. sel'khoz. inst.* 45:91-97 '68.
 Lyzhkov, V. M., Bliandur, O. V. - Effect of chemical nutrients and ionizing radiation on corn strains during a year of experimentation. *Trudy Kish. sel'khoz. inst.* 37 no. 1:64-68 '64.
- Lyzhkov, V. M., Bliandur, O. V. - Study of the fourth generation of chemical mutants of corn. *Trudy Kish. sel'khoz. inst.* 45:183-187 '68.
 Lyzhkov, V. M., Brik, P. L. - A case of peculiar pinnocytosis in a dwarf mutant of corn. *Trudy Kish. sel'khoz. inst.* 45:98-99 '68.
 Lyzhkov, V. M., Dukhovnyi, A. I. - Biopotential changes in generative organs of corn. *Trudy Kish. sel'khoz. inst.* 45:73-75 '68.
 Lyzhkov, V. M., Komolov, A. I. - First experiment of studying chromosome rearrangements in chemical and radiation-induced corn mutants. *Trudy Kish. sel'khoz. inst.* 45:177-183 '68.
 Lyzhkov, V. M., Kravchenko, A. M. - Study of the effect of gamma-rays on certain forms of corn. *Trudy Kish. sel'khoz. inst.* 45:183-185 '68.
 Lyzhkov, V. M., Kuznetsov, A. V., Solina, I. U. G. - Relationship between the morphological and electrophysiological polarity of corn plants. *Trudy Kish. sel'khoz. inst.* 45:40-45 '68.
 Lyzhkov, V. M., Orlovskiy, E. A. - Comparative effectiveness of mutagen action on the inflorescence of corn with seeds during the year of treatment. *Trudy Kish. sel'khoz. inst.* 45:186-203 '68.
 Lyzhkov, V. M., Prokhorov, B. V. - Study of the effect of gamma-rays and chemical nutrients on winter grain crops during the year of treatment. *Trudy Kish. sel'khoz. inst.* 45:187-190 '68.
 Makolov, V. I. - Structural characteristics of the stem and leaf sheath of winter rye sown in two-lined type and continuous rows. *Bot. zhur.* 53 no. 11:1023-1027 '68.
 Makolov, V. I. - Electric polarity of leaves of young corn plants. *Trudy Kish. sel'khoz. inst.* 45:17-18 '68.
 Makolov, V. I. - First results of measuring biopotentials of adult cornstalks. *Trudy Kish. sel'khoz. inst.* 45:54-58 '68.
 Makolov, V. I., Dukhovnyi, A. I. - Temporary changes in biopotentials of cornstalk dormancy. *Trudy Kish. sel'khoz. inst.* 45:51-54 '68.
 Mokrov, S. V., Dezhnev, G. V. - Third generation of X-ray irradiated wheat as a parental material for breeding. *Nauch. dokl. vuz. shkoly. biol. nauch. ts. no. 11:124-127* '68.
 Molotkovskiy, K. A., Kozlovskiy, I. S. - Effect of mineral nutrition and water economy on the growth and development of the corn hybrid Donoprotovskiy, 96 and its parental breeds. *Agroklimat.* no. 12:72-78 '68.
 Mironova, G. M. - Some factors affecting the percentage of grain in the ear of buckwheat. *Trudy VILKHA sel'khoz. inst.* no. 7:127-133 '67.
 Petrovskiy, A. V., Kuznetsov, A. M. - Effect of chlorophylls on spring and winter wheat. *Dokl. TSKHA* no. 133:378-380 '68.
 Piskunov, V. A., Makolov, V. I. - Histological characteristics of the generative organs of hard and soft winter wheat. *Dokl. TSKHA* no. 133:107-108 '68.
 Pleshkov, B. P., Pleshkov, B. P. - Effect of sorbitol differences on the fractional and amino acid composition of proteins in oats. *Dokl. TSKHA* no. 133:308-318 '68.
 Pleshkov, B. P., Lyzhkov, V. M., Bagayev, V. B. - Effect of 3,4-D on corn in different conditions of potassium nutrition. *Dokl. TSKHA* no. 133:326-334 '68.
 Solina, I. U. M. - Original corn mutant obtained by treating intergenetic hybrid F₂ (corn x teosinte) with strychnine. *Trudy Kish. sel'khoz. inst.* 45:183-184 '68.
 Mironov, A. S., Belikov, L. I. - Inter-row thinning of corn on slopes. *Vest. sel'khoz. nauch. ts. no. 11:118-119* '68.
 Stepan, M. I., Karatygin, I. V. - Structural characteristics of the development of polysaccharide-tuberculate forms of corn awns caused by *Ustilago maydis* (DC.) Cda. *Bot. zhur.* 53 no. 11:1017-1021 '68.
 Shtek, K. I. - Effect of pre-sowing irradiation of seeds on germination of self-pollinated strains of corn. *Trudy Kish. sel'khoz. inst.* 45:134-147 '68.
 Shtek, K. I. - Effect of pre-sowing irradiation of seeds on phosphorus absorption by corn. *Trudy Kish. sel'khoz. inst.* 37 no. 1:84-89 '64.
 Solina, I. U. G. - Biogenetic study of female inflorescence of corn as related to the concept of biological field. *Trudy Kish. sel'khoz. inst.* 45:183-188 '68.
 Vaz-Khosh, Ch., Tarkova, M. S. - Gibberellin effect on the growth and metabolism in corn with different supply of nitrogen. *Nauch. dokl. vuz. shkoly. biol. nauch. ts. no. 11:78-83* '68.
 Vashchenko, L., Mordukh, G. - Practice in statistical study of the dependence of the yield of grain crops on the fundamental natural and economic factors. *Vest. sel. no. 11:14-18* '68.
 Vereshchinskaya, V. A. - Effect of organic-mineral fertilizers on the yield of winter rye in strongly acid highly cultivated soils. *Shor. nach. trudy Vologod. gos. sel'khoz. opyt. stn.* no. 8:61-65 '67.
 Vereshchinskaya, V. A., Ivanov, A. V., Kulikov, I. M. - Effect of organic and mineral fertilizers and lime on the yield of winter rye. *Shor. nach. trudy Vologod. gos. sel'khoz. opyt. stn.* no. 8:64-64 '67.
 Vozvodin, V. M. - Selection of sorghum parent forms on the basis of their photoperiodic reaction. *Vest. sel'khoz. nauch. ts. no. 11:102-103* '68.
 Vorobiev, M. M. - Competition between corn and weeds. *Vest. sel'khoz. nauch. ts. no. 11:30-34* '68.
 Kishkov, I. U. P. - Effect of straws on the dynamics of phosphorus metabolism in corn in connection with nutritive conditions. *Dokl. TSKHA* no. 133:343-347 '68.
- 632,1(471,18)—Kosov A. S. S. R.
 Doroshenko, V. G., Irbak, M. I. - Winter rye sowings in the Kosov A. S. S. R. *Trudy Kosov. sel'khoz. opyt. stn.* no. 7:28-31 '68.
- 632,1(471,28)—Pskov Province
 Darenchinskaya, A. I. - Results of study of apical parts of winter wheat in Pskov Province. *Trudy VILKHA sel'khoz. inst.* no. 7:108-109 '67.
- 632,1(471,32)—Central Black Earth regions
 Novikov, V. P. - Corn for grain and silage in the northern part of the central Chernozem zone. *Dokl. TSKHA* no. 133:21-26 '68.
- 632,1(471,33)—Orel Province
 Zakladskiy, A. G. - Preparing the soil for millet in the central part of Orel Province. *Dokl. TSKHA* no. 133:47-52 '68.
- 632,1(471,48)—Astrakhan Province
 Mantsov, V. M. - Effect of irrigation norms and nitrogen fertilizer doses on the green mass of corn in the soils of the Volga-Akchaba floodplain. *Dokl. TSKHA* no. 133:388-390 '68.
- 632,1(471,61)—Rostov Province
 Shlyba, V. P. - Effect of irrigation and fertilizers on the growth, development and yield of corn in the steppe part of the right bank of the Don River. *Dokl. TSKHA* no. 133:396-400 '68.
- 632,1(471,62)—Krasnodar Territory
 Razvinskaya, G. M., Belashchikov, I. U. V., Kuznetsov, I. B. - Study of physicochemical properties of wheat stripe mosaic virus in the Krasnodar Territory. *Nauch. dokl. vuz. shkoly. biol. nauch. ts. no. 11:104-105* '68.
- 632,1(477)—Ukrainian S. S. R.
 Volkova, V. D. - Effect of trace elements on the corn in Chernozem of the Zaporozhye. *Agroklimat.* no. 12:112-114 '68.
- 632,1(478)—Moldavia S. S. R.
 Dubash, K. I. - Corn growth stimulation in Moldavia by pre-sowing irradiation of the seeds with X- γ and gamma rays. *Trudy Kish. sel'khoz. inst.* 37 no. 1:54-61 '64.
- 632,1(479,88)—Armenia S. S. R.
 Melikyan, G. K., Mergel, T. O. - Water consumption of barley in the submontane lands of the Ararat Trough. *Trudy ArmNIIVPG* 1:56-63 '67.
 Mikhaylov, S. M. - Drainage norms for cornfields under the conditions of accumulated, waterlogged, irrigated soils in Artsakh region. *Trudy ArmNIIVPG* 1:138-143 '67.
- 632,1(471,14)—Novosibirsk Province
 Gerasimov, B. A. - Trace elements in straw and grain in the semi-central and subarctic zones of Novosibirsk Province. *Mikroelementy* no. 6:27-31 '68.
- 632,1(474)—Kazakh S. S. R.
 Iashka, A. A., Mikhaylov, S. A. - Effect of mineral fertilizers on spring wheat grain yield and quality on dark chestnut soils of Northern Kazakhstan. *Nauch. dokl. vuz. shkoly. biol. nauch. ts. no. 11:117-123* '68.
- 632.2 Forage grasses and grassland
 Bots, K. A. - Effect of waste irrigation on the yield, botanical and chemical composition of perennial grasses. *Dokl. TSKHA* no. 133:123-127 '68.
 Chabrykin, M. V. - Effect of perennial grasses on the ecology of some properties of Podzolic soils. *Trudy Kosh. sel'khoz. opyt. stn.* no. 17:2-20 '68.
 Gracilov, I. I., Orlovskiy, A. I. - Effect of grazing on vegetation. *Nauch. trudy TashGU* no. 30:184-187 '68.
 Oshchepkov, R. K., Tikhonov, O. V. - Effectiveness of fertilizers in mixed sowings of annual legume and grain crops. *Dokl. TSKHA* no. 133:386-390 '68.
 Kozlov, M. G. - Effect of grassy plants on the germination of the seeds of coniferous species. *Dokl. TSKHA* no. 133:428-430 '68.
 Lashchinskaya, M. E. - Ways to increase the nutritive value of grass stands in cultivated pastures. *Dokl. TSKHA* no. 133:128-133 '68.
 Lyzhkov, V. I. - Results of study of mice *Peromyscus* of a nest for lupine harvesting. *Trudy BSKHA* 54:117-123 '68.
 Mordukh, M. I. - Aspects of the work methodology in the inspection of natural meadows and pastures. *Report No. 3. Dokl. TSKHA* no. 133:183-188 '68.
 Oshchepkov, R. K. - Standards, calculation methods and some technical regulations for projecting irrigation of high-mountain pastures. *Trudy ArmNIIVPG* 1:82-83 '67.
 Sevitskiy, V. A. - Yield structure of lucerne biomass grass depending on the dose and type of mineral fertilizers. *Dokl. TSKHA* no. 133:138-143 '68.
 Shoblin, G. S. - Root mass consumption, shoot formation and increase of the duration of yield in red clover mixed with English bluegrass during potassium-phosphorus supplementary feedings and baying three times a year. *Dokl. TSKHA* no. 133:143-147 '68.
 Vashchenko, G. S. - Effect of mineral fertilizers on the yielding ability of grass stands on periodically flooded meadows. *Dokl. TSKHA* no. 133:148-152 '68.
 Vasiliev, M. V. - Effect of lime and mineral fertilizers on clover seed yield. *Vest. sel'khoz. nauch. ts. no. 11:100-104* '68.
 Vereshchinskaya, V. A., Kulikov, I. M. - Agrochemical characteristics of the old cultivated pastures on the Vologda State Agricultural Experimental Station (the Dikhaevskiy Farm). *Shor. nach. trudy Vologod. gos. sel'khoz. opyt. stn.* no. 8:68-69 '67.

633.5(493)—Kazakhstan
Andreev, N. G. - Meadow-pasture farming in Holand.
Dokl. TSKHA no. 123:10-14 '68.

633.3 Leguminosae and other green fodder
Alakandrov, M. I., and others. - Chemical composition of cow parsley and mallow silage. Trudy Komi fil. AN SSSR no. 17:39-41 '68.
Arkhangelskaya, E. M. - Some aspects of the biology of flowering of *Faba vulgaris* Moench. Dokl. TSKHA no. 123:67-73 '68.
Krasikova, V. E. - Seed abortion in legumes. Dokl. TSKHA no. 123:88-90 '68.
Fedotova, M. M. - Effect of climatic conditions on the formation of hybrids of spring vetch. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:125-143 '67.
Fedotova, M. M. - Spring vetch variety "Suzana". Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:125-137 '67.
Pillay, N. K. - Some aspects of the agronomy of raising lupine for seed. Trudy Veltchok. sel'skhoz. inst. no. 7:72-80 '67.
Ostapenko, G. G., Berezinskaya, E. G. - Photosynthetic activity of different type varieties of white lupine. Dokl. TSKHA no. 123:27-33 '68.
Ostrov, M. M., Tikhon, O. V. - Effectiveness of fertilizers in mixed sowings of annual legume and grain crops. Dokl. TSKHA no. 123:236-240 '68.
Ippolitov, D. V., Kozlov, O. V. - Deepening the tillable layer of soil-Podsol soil planted with furrow crops in crop rotations with lupine. Trudy Veltchok. sel'skhoz. inst. no. 7:33-41 '67.
Kozlovskaya, E. P. - Perspective lines of lucerne. Dokl. TSKHA no. 123:117-121 '68.
Mordukhai, A. I. - Chemical control of weeds in sowings of European yellow fodder lupine. Trudy Veltchok. sel'skhoz. inst. no. 7:123-127 '67.
Ostrov, M. M., Kozlov, O. V. - Effect of trace elements on the yield of horse beans. Mikrobiol. v. 58, no. 6:78-77 '68.
Rogov, M. A. - Dynamics of lupine plant drying in relation to the period of desiccation and preparation. Trudy Veltchok. sel'skhoz. inst. no. 7:81-84 '67.
Sharobko, E. A., Mordukhai, A. I. - Physiological properties of seeds of annual fodder lupine. Trudy Veltchok. sel'skhoz. inst. no. 7:82-84 '67.
Moshin, G. E. - Root mass accumulation, shoot formation and increase of the duration of yield in red clover mixed with English bluegrass during potassium-phosphorus supplementary feedings and having three times a year. Dokl. TSKHA no. 123:143-147 '68.

633.3(411)—Cold frigid regions

Molisev, K. A., Varkanova, K. A. - Mallow in the North depending on different sowing periods. Trudy Komi fil. AN SSSR no. 17:21-23 '68.
633.3(471, 13)—Komi A. S. S. R.
Kotlyar, I. A., Mityayev, V. P. - New plants for silage at the "Kortkarskii" Sovkhoz (Komi A. S. S. R.). Trudy Komi fil. AN SSSR no. 17:42-44 '68.

633.3(471, 311)—Orel Province

Orlov, V. P., Orlova, L. F. - Effect of molybdenum and boron on pea's yield and quality in the leached Chernozem of the Orel region. Agroklimatika no. 13:66-68 D '68.

633.4 Beets and tubers as food crops

Alakseva, M. A. - Effect of planting density and nutrition area on the yield of potatoes. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:123-128 '67.
Alakseva, M. A. - Effect of the preparation of planting material and sowing in moist humus on the yield of potatoes. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:127-132 '67.
Anisimov, B. V. - Use of herbicides in fodder and sugar beet sowings. Trudy Veltchok. sel'skhoz. inst. no. 7:142-148 '67.
Belikova, R. I. - Aspects of the formation of the tuber and seeds in the beet. Trudy Veltchok. sel'skhoz. inst. no. 7:188-193 '67.
Belikova, R. I. - Effect of the quality of light on the growth of fodder root crops. Trudy Veltchok. sel'skhoz. inst. no. 7:193-197 '67.
Dobrenko, A. I. - Effect of soil tilling methods on the yield of potatoes. Dokl. TSKHA no. 123:16-20 '68.
Frasov, I. P., Balyashev, L. M., Klimchik, G. L. - Preparation of temporary compounds for cytological analyses of beets. Dokl. TSKHA no. 123:91-94 '68.
Kuznetsov, K. E. - Effect of raising conditions on the growth, development, and yield of potatoes. Dokl. TSKHA no. 123:8-9 '68.
Kuznetsov, M. P. - Dynamics of tuber movement in a vibrating washer. Trudy Veltchok. sel'skhoz. inst. no. 7:184-193 '67.
Lukovskaya, G. A., Khotimov, M. D. - Effect of meteorological conditions on the content of dry substances and starch in the potato. Vest. sel'skhoz. nauch. ts. no. 11:38-39 M '68.
Nikonor, L. A., Katsarev, L. A. - Effect of the period of sowing on the yield and keeping qualities of carrots. Trudy Veltchok. sel'skhoz. inst. no. 7:113-123 '67.
Mork, B. A. - Increasing the working speed of soils for interrow tilling of potatoes. Trudy TSKHA 64:23-27 '68.
Pavlova, M. F. - Effect of different doses of fertilizers on the yield of potatoes. Dokl. TSKHA no. 123:9-14 '68.

Sakharova, N. V. - Effect of early potato harvests on the seed quality of the tubers. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:122-131 '67.
Solodichik, G. P., Novik, B. A. - Substitution of the technology and machine systems for cultivating and harvesting potatoes. Trudy TSKHA 64:3-16 '68.
Solodichik, G. P. - Study of the dimensional characteristics of fodder beet seeds. Trudy TSKHA 64:83-90 '68.
Stalov, L. V. - Aspects of the mechanized raising and harvest of potatoes in conditions of sufficient and increased moisture. Trudy Veltchok. sel'skhoz. inst. no. 7:177-183 '67.
Zakharov, M. V. - Effect of the construction of the planters on the evenness of distribution of tubers in rows during potato planting. Trudy TSKHA 64:76-83 '68.
Zakharov, M. V., Kozlovskaya, V. K. - Use of radioactive labeling for evaluating the evenness of distribution of tubers in rows while planting potatoes. Trudy TSKHA 64:41-43 '68.

633.4(471, 13)—Volgograd Province

Golubeva, A. A. - Ecological conditions of the growth of different sorts of potatoes in Volgograd Province; data for the years 1964-1966. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:123-134 '67.

633.4(471, 13)—Komi A. S. S. R.

Leviev, M. I. - Turnips in lowland bogs in the Central-Talga belt of the Komi A. S. S. R. Trudy Komi fil. AN SSSR no. 17:78-81 '68.
Kozlovskaya, E. P. - Dynamics of potato tuber accumulation in the central part of the Komi A. S. S. R. Trudy Komi fil. AN SSSR no. 17:82-84 '68.

633.4(471, 25)—Pskov Province

Belikov, S. M. - Reducing the labor-demanding part of raising fodder root crops in Pskov Province. Trudy Veltchok. sel'skhoz. inst. no. 7:113-117 '67.

633.5 Fiber plants and crops

Baranov, G. - Fused production funds of cotton-growing state farms in the Turkmen S. S. R. and their effectiveness. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 4: 44-52 '68.
Dankin, A. P. - Meteorological conditions of the vegetative period and yield of hemp. Rasteniurodivstvo no. 6: 73-77 '68.
Dankin, A. P., Stapanov, G. S. - Effect of the harvest period of young hemp on the fiber yield and quality. Rasteniurodivstvo no. 6:65-71 '68.
Kozlovskaya, E. P. - Effect of the means of controlling soil crust on the thickness and evenness of fiber flax plant. stands. Rasteniurodivstvo no. 6:97-101 '68.
Kozlovskaya, E. P., Kozlovskaya, E. I. - Effectiveness of the forms of phosphorus fertilizers under cotton in the Mj-Karabakh zone of Azerbaijan. Agroklimatika no. 13: 46-50 D '68.
Kozlovskaya, E. P. - Conference on the protection of fiber flax against diseases, pests and weeds. Vest. sel'skhoz. nauch. ts. no. 11:133-138 M '68.
Kozlovskaya, E. P. - Effect of mineral fertilizers on the yield of producing sorts of hemp. Rasteniurodivstvo no. 6: 61-64 '68.
Kozlovskaya, E. P., Belikov, S. M. - Effect of the pre-sowing treatment of seeds with trace elements on the yield of fiber-flax. Dokl. TSKHA no. 123:53-58 '68.
Loseva, Z. M. - Effect of the duration of daily illumination on the monoclonal in hemp. Rasteniurodivstvo no. 6: 78-81 '68.
Migul, N. D. - Morphological and physiological features of the growth of monoclonal and dioclonal hemp. Rasteniurodivstvo no. 6:123-128 '68.
Mityayev, V. P. - Effect of seed size on the yield and quality of fiber flax. Rasteniurodivstvo no. 6:80-88 '68.
Kozlovskaya, E. P., Kozlovskaya, E. I. - Effect of soil moisture and mineral fertilizers on the content and yield of hemp fiber. Rasteniurodivstvo no. 6:87-94 '68.

633.5(477, 8)—Western Ukraine

Kozlovskaya, E. P. - Fiber flax sowing periods in the western Poltava of the Ukrainian S. S. R. Rasteniurodivstvo no. 6:102-108 '68.

633.5 Sugar and starch yielding crops

Alakseva, M. A. - Effect of magnesium and calcium on physiological-biochemical characteristics, yield, and quality of sugar beet in Poltava. Agroklimatika no. 13: 40-47 D '68.
Galka, V. I. - Theory of the mechanical formation of sugar beet planting density. Vest. sel'skhoz. nauch. ts. no. 11:64-67 M '68.
Gorodetskiy, M. G., Shalashov, I. V., Khodkovskiy, P. P. - Methods for raising polyloid sugar beets. Rasteniurodivstvo no. 6:2-8 '68.
Prishchepko, P. M. - Productivity of sugar beets in different methods of raising and characteristics of planting under irrigation. Rasteniurodivstvo no. 6:9-11 '68.
Prigod, V. V., Lyalik, V. M. - Results of the comparative study of single and multiple seed sugar beets in square-root and square cultivation. Rasteniurodivstvo no. 6:17-21 '68.
Storozh, R. I. - Use of herbicide substances in controlling weeds in sugar beet plantings. Dokl. TSKHA no. 123: 22-28 '68.
Storozh, R. I., Belokobyl, M. A., Litvin, V. G. - Effectiveness of trace elements in Chernozem soils in their ground application under sugar beet. Agroklimatika no. 13:80-88 D '68.

633.5(477)—Ukrainian S. S. R.

Prishchepko, P. M., Oshchepko, G. P. - Sowing norms for single seed sugar beets in the steppe zone of the Ukrainian S. S. R. Rasteniurodivstvo no. 6:10-12 '68.
Prigod, V. V., Lyalik, V. M. - Results of research on the increase of productivity and sugar content of Rasteniurodivstvo of wort of sugar beets grown in the Ukrainian steppe. Rasteniurodivstvo no. 6:12-17 '68.

633.5(477, 8)—Western Ukraine

Povar, V. V. - Aspects of the non-transplanting method of sugar beet raising for seed in the western region of the Ukraine. Rasteniurodivstvo no. 6:22-26 '68.
Prigod, V. V. - Mechanized preparation of sugar beet planting thickness in Western Ukraine. Rasteniurodivstvo no. 6:23-28 '68.

633.7 Stimulant yielding plants

Chernavskiy, A. I., Masyak, E. I. - Cuckoo corn in a field bed. Mikrobiol. v. 58, no. 6:74-75 '68.

633.72 Tea plants and crops

633.72(471, 43)—Krasnodar Territory

Alakseva, T. P. - Effect of the harvest of double-cut tea shoots on the yield, productivity of labor and yield of raw tea in Krasnodar Territory. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. sta. subtrop. i tush. podkult. no. 6:22-26 '68.
Kozlovskaya, E. P. - Ecology, selection and strain work of tea in the Kuban foothill region. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. sta. subtrop. i tush. podkult. no. 6:28-34 '68.
Lavrilenko, I. I. - Root irrigation systems of tea in plantations in the subtropical regions of Krasnodar Territory. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. sta. subtrop. i tush. podkult. no. 6:35-41 '68.

633.8 Various crops for industrial processing

Alakseva, V. I. - Aspects of the analysis of the raw system in different sorts of rapeseed oil producing roses. Rasteniurodivstvo no. 6:100-104 '68.
Kozlovskaya, E. P., Chochayeva, L. I. - Effect of plants on the biochemical activity of the root microflora of sunflowers. Dokl. TSKHA no. 123:248-253 '68.
Polishov, A. F. - Study of *Corydalis ledeboriana* and *Corydalis glauca* Kar. et Kir. for the content of ascorbic acid and carotenes. Trudy Alma-Ata. gos. univ. no. 23:547-550 '68.
Vorobeyev, V. V., Vorobeyeva, R. V. - Some aspects of the development of *Cordelia laurentina*. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. sta. subtrop. i tush. podkult. no. 7:168-174 '68.

633.8(477)—Ukraine S. S. R.

Peropchuk, M. P. - Importance in raising *Cordelia laurentina* L. in the forest-steppe zone of the Ukraine. Rasteniurodivstvo no. 6:116-117 '68.

633.8(477, 8)—Donetsk Basin

Doroshenko, E. D., Lashov, I. P. - Spring pre-sowing tilling of fall-plowed fields in connection with the sowing periods in the eastern steppe region of the Ukraine. Rasteniurodivstvo no. 6:46-54 '68.

633.8(477, 8)—Western Ukraine

Gorodetskiy, M. G., Vodorova, I. V. - Sowing period, nutritional area and fertilizers for sunflowers grown in the northern forest-steppe zone of the right bank Ukraine. Rasteniurodivstvo no. 6:40-48 '68.

633.8(477)—Kazakh S. S. R.

Dobinin, M. S. - Medicinal plants of Kazakhstan. Trudy Alma-Ata. gos. med. inst. 23:188-214 '68.
Dobinin, M. S., and others. - Medicinal vegetation of Eastern Kazakhstan Province. Trudy Alma-Ata. gos. med. inst. 24:515-540 '68.
Mikhalevskiy, T. K. - Phytochemical study of *Helianthus scaberrimus* growing in Kazakhstan. Trudy Alma-Ata. gos. med. inst. 23:541-550 '68.
Valishev, G. M. - Comparative study of Kirilov and Dubinskii acacia. Trudy Alma-Ata. gos. med. inst. 23:550-553 '68.

634.6 Forestry

Alakseva, A. P. - Results of study of electric forest drives in brushwood cutting. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:127-131 '67.
Dobrenko, A. I. - Determination of the stability of logging bundles. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:127-131 '67.
Dobrenko, A. I. - Selection of the optimum length of under and bottom rosewood stems of timber logging and Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:127-131 '67.
Fomin, M. M. - Aspects of the improvement of the transport characteristics of timber raft. Shor. nauch. trud. Volgod. gos. sefkhos. opyt. stan. no. 6:127-131 '67.
Kozlovskaya, E. P. - Protective forest belts for animal husbandry. Vest. sel'skhoz. nauch. ts. no. 11:46-47 M '68.

634.0 (Continued)

- Kolesnikov, B. P. - Some problems of the development of forest typology. *Trudy Inst. ekol. rast. i shivost.* no. 52:1-11 '67.
- Korotkova, S. A. - Dynamics of trunk shoots of the pine depending on age and height. *Dokl. TSKHA* no. 133:423-428 '68.
- Kroter, M. G. - Effect of grassy plants on the germination of the seeds of coniferous species. *Dokl. TSKHA* no. 133:405-409 '68.
- Lashov, N. D. - Developing the outline of tables of the growth course of tree stands with the help of simplified forest taxation data. *Trudy Inst. ekol. rast. i shivost.* no. 53:177-183 '67.
- Lisnitskaya, S. Kh. - Calculation of the coefficient of removal of nitrogen and ash elements by different species of trees. *Dokl. TSKHA* no. 133:412-416 '68.
- Lukashin, G. A., Fominskiy, M. M. - Stability of timber rafters. *Shor. nauch. tr. po lesospl.* no. 8:145-86 '68.
- Mastorov, V. G., Korotkova, S. A. - Aspects of the study of the formation of the woody trunk of the pine tree. *Dokl. TSKHA* no. 133:423-428 '68.
- Obrazov, M. A. - Experimental study of the process of power cutting of tree limbs on the cutting field. *Shor. nauch. tr. po lesospl.* no. 8:145-106 '67.
- Pisov, N. M. - Theoretical and experimental study of the steady stream of a stream of water in a natural stream bed with floating bundles of logs. *Shor. nauch. tr. po lesospl.* no. 8:101-131 '68.
- Politskiy, V. I. - Equation of the kinetics of water absorption by wood and its use for calculating the optimum duration of tree floating; published from dissertation material. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Pokrovskiy, I. B. - Study of the parameters of the P-13-11 x-ray vessel. *Shor. nauch. tr. po lesospl.* no. 8:1-10 '68.
- Pravdin, L. I. - Physiological activity of arborvitae. *Trudy Vokhok. sel'skhoz. inst.* no. 7:144-184 '67.
- Rachunskiy, K. R., Mikhaylovskaya, S. A. - Mulberry hybrids from acorn-rooted and grafted types. *Vest. sel'khoz. nauch. inst.* no. 11:84-87 '68.
- Redin, B. E. - Effect of pine wood moisture on the coefficient of continuous strength and the coefficient of continuous modulus of deformation in a static flexure. *Dokl. TSKHA* no. 133:412-416 '68.
- The action of the pine wood moisture on the coefficient of continuous strength and the coefficient of continuous modulus of deformation in a static flexure. *Dokl. TSKHA* no. 133:412-416 '68.
- Seleznev, A. M. - Study of the irregular movement of solid transverse rafters. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Strogala, A. M. - Defining the empirical formula approximating the tabular value of the volume of round timber. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Stepanov, K. V. - Study of the dynamic resistance of timber loaders. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Turkova, K. M. - Mechanization of bundling at winter rafting points. *Mash. i avtom. prom.* 23 no. 8:7-9 '68.
- 634.0(471.313)—Russia Province
Brylev, T. V. - Firry woods of the Moscow Moshcharya region. *Vest. Mosk. un. Ser. 6:104-105, postr.* 21 no. 6: 99-104 M-D '68.
- 634.0(471.3)—Ural regions
Filizova, E. M. - System of the genetic classification of forest types in the taiga of the eastern slope of the southern Ural and the northern forest steppe of the East Ural peninsula. *Trudy Inst. ekol. rast. i shivost.* no. 53:1-11 '67.
- Zubakov, R. R. - Forest ecology and dark green conifer forest types of the alpine zone of the Central Ural. *Trudy Inst. ekol. rast. i shivost.* no. 53:13-17 '67.
- 634.0(471.33)—Bashkir A. S. S. R.
Brylev, G. F. - Dynamics of the area under Sokachev's larch in Bashkiria. *Dokl. TSKHA* no. 133:432-446 '68.
- 634.0(471.34)—Chelyabinsk Province
Filizova, E. M. - Forest zones of the Miasoysko Lumber Industry Management (Southern Ural, Chelyabinsk Province). *Trudy Inst. ekol. rast. i shivost.* no. 53:1-11 '67.
- 634.0(471.35)—Western Ukraine
Zakharov, L. N. - Optimization of the species composition of forests in the Brikovets Range in the Carpathian Mountains. *Dokl. TSKHA* no. 133:405-409 '68.
- Zakharov, L. N. - Soils of the Brikovets Range of the Carpathian Mountains and their forest-plant properties. *Dokl. TSKHA* no. 133:412-416 '68.
- Zakharov, L. N. - Highly productive plantation of larch in the Ukrainian Carpathian Mountains. *Dokl. TSKHA* no. 133:423-428 '68.
- Zakharov, L. N. - Larch in Bukovina. *Dokl. TSKHA* no. 133:432-446 '68.
- 634.0(471.36)—Astoria R. S. S. R.
Korotkova, S. A. - Effect of forest fire on the age structure and growth of northern taiga swampy pine forests of the Trans-Ural region. *Trudy Inst. ekol. rast. i shivost.* no. 53:107-232 '67.
- 634.0(471.37)—Tyumen' Province
Vagay, A. M. - Kornikarovo pine forest. *Trudy Inst. ekol. rast. i shivost.* no. 53:107-232 '67.

- 634.0(471.38)—Uzbek S. S. R.
Kholodov, E. V. - Biology of flowering of the ash in Tashkent. *Nauch. tr. TashGU* no. 30:145-15 '64.
- 634.08 Forest products and their utilization
Bogdanov, N. S. - Use of pressed wood as an antiseptic material for storage bearings. *Vest. mashinost.* 48 no. 11:45-48 M '68.
- 634.1 Fruit growing
Denisov, V. P. - Comparative frost resistance of almond varieties in relation to the temperature regime. *Vest. sel'khoz. nauch. inst.* no. 11:84-87 '68.
- Gavrilova, V. A. - Transformation of reserve substances in the flower buds of cherry and plum in relation to their winter hardiness. *Vest. sel'khoz. nauch. inst.* no. 11:84-87 '68.
- Osipenko, V. I. - Use of the physiological method of evaluation of the quality of cherry sort pollinators. *Vest. sel'khoz. nauch. inst.* no. 11:84-87 '68.
- Markov, I. I., Shipilov, K. P. - Ecophysiological study of *Prunus domestica* L. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- 634.1(471.13)—Volgograd Province
Brylev, T. V. - Contemporary standard and prospective assessment of fruit and berry on farms in eastern Volgograd Province. *Shor. nauch. tr. Volgograd. gos. sel'khoz. opyt. stan.* no. 5:144-154 '67.
- 634.1(471.810)—Moscow City
Lashov, N. D. - Trailing-framed orchard in the vicinity of Moscow. *Priroda* no. 11:104 '68.
- 634.1(471.83)—Krasnodar Territory
Gavrilova, V. A. - Best forms of Citrus Uskita Mare, for the Sochi region. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Markov, I. I., Shipilov, K. P. - Results of the study of pear and apple varieties in the southern regions of the Black Sea littoral in Krasnodar Territory. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Markov, I. I., Shipilov, K. P. - Study and selection of strawberry at the Sochi Experimental Station. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- 634.1(471.8)—Koslovsk S. S. R.
Nik, I. A. I. - Topography of the lake in Koslovsk. *Trudy Vokhok. sel'skhoz. inst.* no. 7:144-184 '67.
- 634.1(471.83)—Armenian S. S. R.
Mikheev, G. M. - Fertilizer irrigation of the orchards in ash-nut-brown regions of the Ararat Plains. *Trudy ArmNIIVINO* 148-58 '67.
- 634.8 Grapes. Vines. Viticulture
Belikov, G. M., Loshchilova, I. P., Simonsenko, V. I. - Mulberry for soil cultivation in mountain vineyards. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Fels, M. - Effect of physical and chemical factors on the increase of midday resistance of grape seedlings. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Khar'yan, D. T. - Effect of fungi on various organs of grapevines. *Vest. Mosk. un. Ser. 6:104-105, postr.* 21 no. 6: 99-104 M-D '68.
- Kolesnikov, L. V. - Characteristics of transport of radioactive phosphorus 32P in grape grafts from scions. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Distribution of radioactive phosphorus in different parts of grape grafts. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Effect of boron on the entry of 32P into grape grafts. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Effect of different doses of radioactive phosphorus on grape grafting. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Effect of different irradiation temperatures on the entry of 32P into grape grafts. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Effect of trace elements fertilizers on entering and distribution of radioactive phosphorus in grape grafts. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Effect of size in various concentrations on the entry of 32P into grape grafts. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Kolesnikov, L. V. - Entry of radioactive phosphorus 32P into grape grafts at different temperatures. *Trudy Kish. sel'khoz. inst.* 45:17-24 '68.
- Sergei Alekseevich Malchuk' as obituary. *Vest. sel'khoz. nauch. inst.* no. 11:84-87 '68.
- 634.8(471.83)—Krasnodar Territory
Opisthin, G. V. - Grape varieties for the southern zone of the Black Sea littoral in Krasnodar Territory. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.

- 634.8 Horticulture. Garden and gardening
Otkritskiy, V. U., Kryzhevskiy, P. K. - Phytochemical study of garden asparagus. *Farmatsiya*, 21 no. 5:44-47 '68.
- 634.1 Vegetable gardening and vegetables
Abrosimov, L. S. - Significance of the relationship between potassium and calcium in a culture medium for raising tomatoes by the hydroponic method. *Dokl. TSKHA* no. 133:423-428 '68.
- Bogdanov, N. S., Khramov, K. K. - Sensitivity of carrots to propylene in connection with mineral nutrition conditions. *Dokl. TSKHA* no. 133:423-428 '68.
- Kryzhevskiy, P. K., Khar'yan, D. T. - Experiments in raising vegetable seedlings in porous clay filter beds with industrial heating. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- Osipenko, V. I., Denisov, V. A. - Comparative accumulation of strontium-90 in harvests of vegetable crops. *Dokl. TSKHA* no. 133:423-428 '68.
- Korotkova, S. A. - Yarrow in vegetable gardening. *Priroda* no. 11:104 '68.
- Pokrovskiy, I. B. - Morphological and biological characteristics of pollen of *Helianthus*, *Helianthus* and *Gaura*. *Nauch. tr. TashGU* no. 30:145-15 '64.
- 634.1(471.13)—Komi A. S. S. R.
Molodtsov, K. A., Varkovskiy, K. A. - Some agricultural practices used to obtain high yields of cucumbers in the North. *Trudy Komi. AN SSSR* no. 17:65-74 '68.
- 634.1(471.3)—Latvian S. S. R.
Abramova, L. M., Kulekovich, S. M. - Content of vitamin C in vegetables grown in the Latvian S. S. R., and preservation of vitamins in prolonged storage. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.
- 634.1(471.15)—Altai Territory
Fominskiy, M. M., and others. - Content of some trace elements in vegetables in Altai Territory. *Mikroelementy v zhizni* no. 5:43-44 '68.
- 634.1(471.3)—Kazakh S. S. R.
Dudnikov, P. A. - Content of trace elements in the soil and vegetables in areas surrounding ore dressing plants. *Trudy Akad. Nauk Kaz. SSR* no. 23:55-60 '68.
- 634.8 Edible fruit and seed plants
Akhmedov, S. S., Alekshina, M. D., Shchegoleva, M. V. - Changes in organic acid metabolism under lower temperature in corn root scots. *Nauch. dokl. vys. shkoly* biol. nauch. 11 no. 12:93-96 '68.
- Golod, B. L. - Effect and aftereffect of straw on the yield of leguminous and grain crops. *Dokl. TSKHA* no. 133:423-428 '68.
- Kolesnikov, L. V. - Diversity of roots in taproot leguminous plants and their anatomical structure. *Nauch. dokl. vys. shkoly* biol. nauch. 11 no. 12:93-96 '68.
- Mastorov, V. G., Korotkova, S. A. - Anticorrosion analysis of the daily change in bioelectrical potential of tomatoes and of some climatic factors. *Dokl. TSKHA* no. 133:423-428 '68.
- Markov, I. I., Shipilov, K. P. - Effect of potassium, sodium and magnesium on the yield and metabolism of sugar beets. *Dokl. TSKHA* no. 133:423-428 '68.
- Markov, I. I., Shipilov, K. P. - Vanadium content in bean crops. *Dokl. TSKHA* no. 133:423-428 '68.
- 634.8 Ornamental horticulture. Flowers. Shrubs
634.8(471)—Cold frigid regions
Cherashina, M. M. - Spirea in the North. *Trudy Komi. AN SSSR* no. 17:65-74 '68.
- 634.8(471.15)—Komi A. S. S. R.
Cherashina, M. M. - Cultivation of ornamental plants in the Komi A. S. S. R. by planting in the open ground. *Trudy Komi. AN SSSR* no. 17:65-74 '68.
- 634.8 Domestic animals
[Animal husbandry. Veterinary medicine] Ref. ser.: *Enty. Vet.* no. 3, 7 '68.
- Paraschuk, M. - Preservation of vitamins in combined feeders. *Mash. i avtom. prom.* 24 no. 10:18 O '68.
- 634.8(471)—Moldavian S. S. R.
Bogdanov, N. S., Druzhinina, V. - Planned capacities of the Moldavian combined fodder enterprises have been reached. *Mash. i avtom. prom.* 24 no. 10:18 O '68.
- 634.88 Stock management. Breeding. Cows
Anonim, M. S. - Special features of the structure of hen eggs depending on the age of a laying hen. *Vest. Mosk. un. Ser. 6:104-105, postr.* 21 no. 6: 99-104 M-D '68.
- Dudnikov, P. A. - Efficiency and digestion of feed rations by heifers up to the twelfth month, maintained on different levels of nitrogen nutrition. *Shor. nauch. tr. po lesospl.* no. 8:14-30 '68.

635.05 (Continued)

- Dezhnev, L.I., Minakova, K.L., Smolina, K.A. - Effect of implantation of a dry tissue preparation on the growth and development of castrated bull calves maintained on natural pastures. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5135-359 '87.
- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Experience in raising calves with nurse-cows by the group-change method. 1962-1965. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5155-369 '87.
- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Experience in raising heifers ranging in age from six to thirty months under non-station maintenance. 1961-1965. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5111-355 '87.
- Meftanov, A.S., Smolodina, G.K. - Use of bacterials in breeding purebred milk cows. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5103-309 '87.
- Fedorov, V.T. - Methodology of determining the economic effectiveness of fodder crops. *Trudy Vellokh. sel'skokhoz. inst.* no. 715-100 '87.
- Ganitskii, V.D. - Effect of temporary lambsuckling feeding with subsequent normal feeding on some economic and hematological indices of steers of the Estonian Brown breed and its crosses with the Brejstvo breed. *Trudy Vellokh. sel'skokhoz. inst.* no. 7104-310 '87.
- Ganitskii, V.D., Orlov, A.L. - Effect of grazing on vegetation. *Nauch. trudy TsSU* no. 30164-87 '88.
- Kashin, P.N. - Protective forest belts for animal husbandry. *Vest. sel'skhoz. nauch. ts. no. 1154-53* '88.
- Kondrat'ev, P.M., Ganitskii, V.D. - Comparative observations of the quality of boar sperm in the covering period. *Trudy Vellokh. sel'skokhoz. inst.* no. 7113-319 '87.
- Koslov, S.N. - Use of growth stimulators in raising and fattening swine. *Trudy Vellokh. sel'skokhoz. inst.* no. 7113-319 '87.
- Lavrin, D.L., Karapovskii, A.I. - Physiological and biochemical indices in feeding young animals. *Vest. sel'skhoz. nauch. ts. no. 1144-44* '88.
- Mal'kov, R.A. - Study of a pneumatic measure-transporting unit. *Vest. sel'skhoz. nauch. ts. no. 1105-10* '88.
- Mironov, Z.A. - Amino acid composition of the fodder grown in Volgod. Prov. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5173-365 '87.
- Mukh, V.N. - Use of infrared and ultraviolet irradiators in raising suckling piglets during unfavorable times of the year. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5140-400 '87.
- Potvin, P.I. - Use all reserves to increase the profitability of dairy husbandry. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 511-15 '87.
- Prochakov, A.I. - Phosphorus content in the blood of cows of high and low butterfat productivity. *Trudy Vellokh. sel'skokhoz. inst.* no. 7148-251 '87.
- Sarachenkov, A.I. - Digestibility of sensitive substances in the ration and nitrogen balance in young cattle with the use of tissue preparations as a basis. *Trudy Vellokh. sel'skokhoz. inst.* no. 7134-219 '87.
- Sarachenkov, A.I. - Some indices of the composition of the blood of young bulls fattened with the use of tissue preparations. *Trudy Vellokh. sel'skokhoz. inst.* no. 7130-233 '87.
- Sukhor, P.A. - Dynamics of fat digestion in calves raised on different standards of whole milk. *Trudy Vellokh. sel'skokhoz. inst.* no. 7155-213 '87.
- Tikhonov, M.P. - Growth-stimulating substances for agricultural animals in grazing and fattening. *Trudy Vellokh. sel'skokhoz. inst.* no. 7180-267 '87.
- Tsibul'ko, L.S. - Fattening and meat-fat quality of pure and crossbred steers of the Great White, Brejstvo, and Estonian Brown breeds. *Trudy Vellokh. sel'skokhoz. inst.* no. 7185-288 '87.
- Tsibul'ko, L.S. - Some morphological and biochemical features of purebred and crossbred steers. *Trudy Vellokh. sel'skokhoz. inst.* no. 7189-300 '87.
- Vashchenko, A.V. - Milk cow feed norms in non-station maintenance. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5130-331 '87.
- Vladimirov, V.M. - Combined stage as a means to save concentrates in the feeding of laying hens. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5136-438 '87.
- Vladimirov, V.M., Oganesian, V.V. - Study of local sources of protein peas, rapeseed, dry milk products and fodder yeasts, as to protein composition according to data of the digestibility in laying hens. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5146-410 '87.

636.06(471.13)—Volgod. Province

- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Non-station maintenance of cows in Volgod. Province. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5132-344 '87.

636.06(471.15)—Pskov Province

- Martynov, P.N. - Intensive raising of calves for meat on the "Lisovskii" Sovkhoz in Pskov Province. *Trudy Vellokh. sel'skokhoz. inst.* no. 7136-242 '87.
- Tishchenkov, F.I. - Acclimatization of Hereford and Aberdeen Angus bulls to the conditions of Pskov Province. *Trudy Vellokh. sel'skokhoz. inst.* no. 7131-235 '87.

636.06(474)—Krasnod. S. S. R.

- Akumtsev, E. - Struggle for increasing economical livestock farming in Western Kazakhstan, September 1963-1963. *Obshchestv. nauch. ts. no. 1134-37* '87.
- Dzhuravskii, G.D. - The Kazakhstan Communist Party guidance of the development of livestock farming during the prewar years. *Obshchestv. nauch. ts. no. 1166-66* '87.

636.06 Feeding stuffs. Fodder

- Alkhazanova, M.L., and others. - Chemical composition of cow parsnip and mallow silages. *Trudy Koms. ts. AN SSSR* no. 1728-21 '88.

- Kudrinskii, A.P., Potokhov, Yu.I. - Iron content in feeds of plant and animal origin. *Microscop. v. 8B* no. 6:45-47 '88.

636.06(471.46)—Astrakhan Province

- Dedikov, L.I. - Some aspects of the irrigation of fodder crops by flooding in the Volga River delta. *Dokl. TSKHA* no. 133:328-334 '88.

636.3 Cattle

- Dedikov, L.I. - Edibility and digestion of feed rations by heifers up to the twelfth month, maintained on different levels of nitrogen nutrition. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5136-304 '87.
- Dedikov, L.I., Minakova, K.L., Smolina, K.A. - Effect of implantation of a dry tissue preparation on the growth and development of castrated bull calves maintained on natural pastures. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5135-359 '87.
- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Experience in raising calves with nurse-cows by the group-change method. 1962-1965. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5155-369 '87.
- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Experience in raising heifers ranging in age from six to thirty months under non-station maintenance. 1961-1965. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5111-355 '87.
- Meftanov, A.S., Smolodina, G.K. - Use of bacterials in breeding purebred milk cows. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5103-309 '87.
- Orlov, A.L. - Age-related topography of the mandibular canal in cows of the Estonian Brown breed. *Trudy Vellokh. sel'skokhoz. inst.* no. 7123-320 '87.
- Konarov, A.V. - Firmness of the blood vessels and valve apparatus in the veins of the head in the moose. *Trudy Vellokh. sel'skokhoz. inst.* no. 7134-215 '87.
- Kartuzian, S.G. - Influence of drinking water temperature on milk yield and water consumption of the cows in high-mountain pastures. *Trudy ArmNIIVPIG* 1:85-188 '87.
- Mukh, K.L. - Significant rumen bacteria in the ruminal digestion. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5164-373 '87.
- Mironov, Z.A., Tikhov, M.V. - Diagnosis of the hidden form of mastitis in cows. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5147-363 '87.
- Prochakov, A.I. - Phosphorus fraction content in the blood of cows of different milk butterfat productivity. *Trudy Vellokh. sel'skokhoz. inst.* no. 7148-247 '87.
- Rostovtsev, M.F., Chernyshchikov, L.I. - Improving the quality of raw hides. *Vest. sel'skhoz. nauch. ts. no. 1137-38* '88.
- Sel'mov, V.A., Bobylev, S.K. - Movable installation for milking cows in the pasture period. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5131-358 '87.
- Sarachenkov, A.I. - Digestibility of sensitive substances in the ration and nitrogen balance in young cattle with the use of tissue preparations as a basis. *Trudy Vellokh. sel'skokhoz. inst.* no. 7134-219 '87.
- Sarachenkov, A.I. - Some indices of the composition of the blood of young bulls fattened with the use of tissue preparations. *Trudy Vellokh. sel'skokhoz. inst.* no. 7130-233 '87.
- Sukhor, P.A. - Dynamics of fat digestion in calves raised on different standards of whole milk. *Trudy Vellokh. sel'skokhoz. inst.* no. 7155-213 '87.
- Tikhonov, M.P. - Growth-stimulating substances for agricultural animals in grazing and fattening. *Trudy Vellokh. sel'skokhoz. inst.* no. 7180-267 '87.
- Tsibul'ko, L.S. - Fattening and meat-fat quality of pure and crossbred steers of the Great White, Brejstvo, and Estonian Brown breeds. *Trudy Vellokh. sel'skokhoz. inst.* no. 7185-288 '87.
- Tsibul'ko, L.S. - Some morphological and biochemical features of purebred and crossbred steers. *Trudy Vellokh. sel'skokhoz. inst.* no. 7189-300 '87.
- Vashchenko, A.V. - Milk cow feed norms in non-station maintenance. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5130-331 '87.

636.3(471.15)—Volgod. Province

- Meftanov, A.S., Dedikov, L.I., Smolina, K.A. - Non-station maintenance of cows in Volgod. Province. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5132-344 '87.

636.3(471.26)—Pskov Province

- Martynov, P.N. - Intensive raising of calves for meat on the "Lisovskii" Sovkhoz in Pskov Province. *Trudy Vellokh. sel'skokhoz. inst.* no. 7136-242 '87.
- Tishchenkov, F.I. - Acclimatization of Hereford and Aberdeen Angus bulls to the conditions of Pskov Province. *Trudy Vellokh. sel'skokhoz. inst.* no. 7131-235 '87.

636.3 Sheep, goats

- Kirillov, S.A., Anisimov, M.M. - Copper, iron, phosphorus, and nitrogen content in cardiac tissues of sheep in the process of embryology. *Microscop. v. 8B* no. 6:41 '88.
- Konarov, A.V. - Veins and their valves in the heads of sheep. *Trudy Vellokh. sel'skokhoz. inst.* no. 7134-215 '87.
- Potvin, P.I. - Cobalt and copper metabolism in growing sheep in cobalt and copper deficiency, and the effect of supplementary feedings of these trace elements on some economic indices in sheep. *Microscop. v. 8B* no. 6:36-304 '88.

636.4 Swine, pigs

- Ganitskii, V.D. - Age-related dynamics of the activity of pepsin, adsorbed by the gastric mucosa in steers of the Estonian Brown and Brejstvo breeds and their crosses. *Trudy Vellokh. sel'skokhoz. inst.* no. 7137-363 '87.

- Ganitskii, V.D. - Effect of temporary lambsuckling feeding with subsequent normal feeding on some economic and hematological indices of steers of the Estonian Brown breed and its crosses with the Brejstvo breed. *Trudy Vellokh. sel'skokhoz. inst.* no. 7104-310 '87.

- Kondrat'ev, P.M., Ganitskii, V.D. - Comparative observations of the quality of boar sperm in the covering period. *Trudy Vellokh. sel'skokhoz. inst.* no. 7113-319 '87.

- Koslov, S.N. - Use of growth stimulators in raising and fattening swine. *Trudy Vellokh. sel'skokhoz. inst.* no. 7113-319 '87.

- Mukh, V.N. - Use of infrared and ultraviolet irradiators in raising suckling piglets during unfavorable times of the year. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5140-400 '87.

- Prochakov, M.P. - Meat-fat quality in young pigs. *Trudy Vellokh. sel'skokhoz. inst.* no. 7124-214 '87.

- Tsibul'ko, L.S. - Fattening and meat-fat quality of pure and crossbred steers of the Great White, Brejstvo, and Estonian Brown breeds. *Trudy Vellokh. sel'skokhoz. inst.* no. 7185-288 '87.

- Tsibul'ko, L.S. - Some morphological and biochemical features of purebred and crossbred steers. *Trudy Vellokh. sel'skokhoz. inst.* no. 7189-300 '87.

636.4(471.27)—Northwestern S. S. R.

- Solov'ev, Y.A. - Bronchial pneumonia of suckling pigs and its prophylaxis on the farms of the Murmansk. *Trudy Vellokh. sel'skokhoz. inst.* no. 7126-271 '87.

636.5 Poultry

- Mukh, K.A., and others. - Infestation of worms of poultry farms by *Heterostelium* of the genus *Tryp.* *Alim. gos. med. inst.* 23:435-438 '88.
- Makarov, E.T. - Age-related dynamics of the content of copper, zinc and manganese in chicken embryos. *Microscop. v. 8B* no. 6:33-38 '88.
- Peresova, M.M. - Certain properties of amino acids in oocysts of *Isospora*. *Russ. vet. zhurnal* 3 no. 3:419-422 8-0 '88.
- Solov'ev, G.G. - Effect of some biologically active substances on the growth, development, and viability of chicks. *Trudy Vellokh. sel'skokhoz. inst.* no. 7130-234 '87.
- Vladimirov, G.M. - Effect of sound and vibration on the motor activity of chicken embryos. *Russ. vet. zhurnal* 4 no. 3:381-387 8-0 '88.
- Vladimirov, V.M. - Combined stage as a means to save concentrates in the feeding of laying hens. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5136-438 '87.
- Vladimirov, V.M., Oganesian, V.V. - Study of local sources of protein peas, rapeseed, dry milk products and fodder yeasts, as to protein composition according to data of the digestibility in laying hens. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5146-410 '87.

636.5(471.26)—Pskov Province

- Sel'mov, V.A. - Brief observations on the development of the form of chick embryology, as determined by the development of parameters in the liver. *Report No. 1* *Trudy Vellokh. sel'skokhoz. inst.* no. 7123-266 '87.
- Sel'mov, V.A. - Mixed form of embryology of chicks observed in Pskov Province. *Report No. 1* *Trudy Vellokh. sel'skokhoz. inst.* no. 7123-277 '87.

636.5(471.31)—Amur Province

- Krasnoshchekova, T.A., Ogolev, V.G., Lopatin, E.G. - Effect of trace elements on some chick blood indices in the Amur Valley. *Microscop. v. 8B* no. 6:36-37 '88.

636.7 Dogs and hounds

- Alvashvili, I.M., Partskhveladze, N.N. - Study of the memory in ontogeny. *Nauch. AN Gruz. SSR* 54 no. 3:111-118 8-0 '88.

637 Dairy and other animal products

637.4(471.34)—Azerbaijan S. S. R.

- Isaev, S.L., Ruslanov, M.A. - Production and reserves of dairy products in Azerbaijan. *Nauch. prog. i nauch. 40-41* '88.

637.1 Dairying and dairy products

- Dorogobitskii, A.G. - Effect of lincos, lincal in a "test" on the neoplasia mucosa under experimental conditions. *Trudy Alim. gos. med. inst.* 23:373-377 '88.
- Martchenko, G.M. - Effect of afferent impulses of taste receptors on the secretion of milk. *Vest. sel'skhoz. nauch. ts. no. 1148-48* '88.
- Potvin, P.I. - Use all reserves to increase the profitability of dairy husbandry. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 513-15 '87.
- Prochakov, A.I. - Phosphorus content in the blood of cows of high and low butterfat productivity. *Trudy Vellokh. sel'skokhoz. inst.* no. 7148-247 '87.
- Prochakov, A.I. - Phosphorus fraction content in the blood of cows of different milk butterfat productivity. *Trudy Vellokh. sel'skokhoz. inst.* no. 7148-247 '87.
- Sel'mov, V.A., Bobylev, S.K. - Movable installation for milking cows in the pasture period. *Shor. nauch. trudy Volgod. gos. sefkhos. opt. stan.* no. 5131-358 '87.

637.1 (Continued)

637.1(471.38)—Pskov Province
Iayk, I. L. - Milk productivity in cows of the Brown Latvian and Black Pied breeds at the 18th Horse Breeding Farm in Pskov Province. Trudy Veltinsk. sel'skhoz. inst. no. 7:224-228 '67.

653.2 Silkworm cultivation

Kuznetsov, S. M., Filipovskiy, I. U. B. - Effect of chlorophyll on silk protein biosynthesis and free amino acid content in silk gland of a silkworm. Muzh. dokl. vuz. zhurn.; biol. nauk 11 no. 12:52-58 '68.
Rakhtimskiy, K. R., Mikhamedjanova, Sh. A. - Mulberry hybrids from scion-rooted and grafted types. Vest. sel'khoz. nauk 13 no. 11:44-47 '68.

639.3 Fish culture

Mikolajev, G. V. - Participation of geneticists in developing biological fish industry problems. Vest. Mosk. un. Ser. zhivotn. nauk. 21 no. 6:3-17 '68.

639.3(578.1)—Uzbek S. S. R.

Shkurenko, P. N. - Plasticity of the fish ponds on the Khujand-Chirchik fish farms. Muzh. dokl. Trudy Vuz. Ser. zhivotn. nauk. 21 no. 6:3-17 '68.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL MANAGEMENT. CATERING, ETC.

Korotkiy, I., Malinik, A. - The service industry is being reorganized. Sots. trad 13 no. 10:98-100 '68.

64(478)—White Russian S. S. R.

Kalish, A., Kalish, V. - Grouping of enterprises and determining group norms. Planirov. 46 no. 3: 64-81 '68.

644 Heating. Lighting. Ventilation. Water supply

Orelik, B. M., Fedotkin, G. I., Malchuk, M. A. - Calculation of the changeability of Poisson coefficient in studies of the stressed state of rubber parts. Muzh. dokl. 11 no. 4:752-755 '67.
Mikhedev, E. L., and others. - Effectiveness of the chlorination of water in wells, impoundments, reservoirs, and on self-flowing water pipelines by means of dosing devices. Trudy TSNII MPB no. 18, pt. 1:1-5 '67.
Solov'ev, N. F., and others. - Study of the possibilities of water disinfection by the method of filtration through antimicrobial cloth containing silver. Trudy TSNII MPB no. 18, pt. 1:14-21 '67.
Solov'ev, N. F., Troitskiy, L. L. - Disinfection of water from the spore forms of bacteria by bactericide ultraviolet rays. Trudy TSNII MPB no. 18, pt. 1:11-23 '67.

648 Clothing. General appearance. Cleanliness

Beikman, B. P., Khudakov, P. A., Kotelnikov, V. M. - Designing thermal clothing for railroad workers taking into account body energy output and climatic conditions. Trudy TSNII MPB no. 36:123-125 '68.

65 MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE. BUSINESS. COMMUNICATION AND TRANSPORT

65.01 Management theory, method, system

Anisimovskiy, M. A. - Card index for the manager. Muzh. dokl. 11 no. 10:11 '68.
Kipats, M. A. - Problem of working out an operational organization plan. Zhurn. stroit. no. 11:60-61 '68.
Nagibov, P. V., Bagrov, I. V. - Influence of some quarry parameters on the amount of labor consumed for operations. Usp. stroit. 13 no. 11:16-17 '68.
Pashkov, O. M. - Design of axially-symmetric nozzles for small-size multistage axial compressors. Izv. vuz. mashinostroyeniya, no. 7:123-128 '68.
Shchepetil'nyy, A. I. - Mathematical methods and electronic computers in the mechanization of construction. Muzh. dokl. 11 no. 4:9-14 '67.
Shal'nov, I., Mironov, A. - Automated management systems. Zhurn. stroit. 11 no. 3:7-8 '68.
Vasilev, P. I. - General pattern of a Pskovian flow. Usp. stroit. 13 no. 11:16-17 '68.

65.01(471.33)—Leningrad City

Korotkiy, V. - Give every working minute to the production. Sots. trad 13 no. 11:134-135 '68.

654 Long-distance, telecommunication services. Signalling

Kolobov, G. A. - Organization of work in the erection of overhead communication lines. Stroit. traktorov. 11 no. 1:23 '68.
Kritopolskiy, R. S. - Ferroconcrete poles for communication lines should be more widely used. Stroit. traktorov. 11 no. 1:23 '68.

654.1 Use of telegraph and telephone

654.1(471.33)—Kirgizia S. S. R.
Anan'ev, K. A. - Special features of television broadcasting in Kirgizia. Vest. stroit. 24 no. 12:8-11 '68.

654.1(91) Radiobroadcasting

654.1(91)(77)—United States of America
Birtakov, M. - Doctrine and practice of American radio and television broadcasting. Muzh. dokl. 11 no. 1:108-113 '68.

654.1(96) Television broadcasting

654.1(96)(77)—United States of America
Birtakov, M. - Doctrine and practice of American radio and television broadcasting. Muzh. dokl. 11 no. 1:108-113 '68.

655 Printing. Publishing. Book trade

Dutkov, M. I. - In the publishing house of state standards. Izv. stroit. no. 10:88-90 '68.
Mikhedev, E. L. - All-Russian seminar-conference of the activists of the journal "Mashinostroyeniye". Na stroit. 9 no. 10:30 '68.

655(471.64)—Khabardino-Balkar A. S. S. R.
Tolstov, G. O. - Characteristics of the book trade in the Khabardino-Balkar A. S. S. R. Usp. stroit. 24 no. 12:8-11 '68.

656 Transport and postal services

Blazov, M., Kaulov, G. - The subject of conference is a multiyear route schedule. Avi. transport. 46 no. 10:16-17 '68.
[Industrial transportation] Ref. zhurn. : Prom. transport. no. 11, '68.
Mikhedev, E. L. - Primary distribution should be mechanized. Avi. transport. 46 no. 10:16-17 '68.
Mikhedev, E. L. - Record keeping should be mechanized. Avi. transport. 46 no. 10:16 '68.

656.1 Road transport, buslines

[Automotive and city transportation] Ref. zhurn. : Avi. i gor. transport. no. 11, '68.
Awards to the best. Avi. transport. 46 no. 10:16 '68.
Chernovskiy, V., Todorov, M. - Public-transport and traffic safety. Avi. transport. 46 no. 10:16-17 '68.
Ostrov, I. - New intercity buslines with motor vehicle transportation enterprises. Avi. transport. 46 no. 10:16-17 '68.
[Urban transport] Ref. zhurn. : Prom. transport. no. 11, '68.
Khalilov, V., Pavlov, M. - Stabilizing device for skidless parol airplanes of brick and stone. Avi. transport. 46 no. 10:16 '68.
Khalilov, M., Sokolov, S. - Unsettled potential should be better utilized. Avi. transport. 46 no. 10:16-17 '68.
Khalilov, A. - Standard designs should provide a traffic safety study room. Avi. transport. 46 no. 10:16-17 '68.
Khalilov, V. K. - Every effort should be made to carry out the decisions of the 234 congress of the CPSU. Vest. stroit. 24 no. 12:8-11 '68.
Let us add up the results. Avi. transport. 46 no. 10:16-17 '68.
Mikhedev, E. L., and others. - Organization of transportation of construction materials. Avi. transport. 46 no. 10:16-17 '68.
Mikhedev, E. L. - Transportation and expediting services for the population should be developed. Avi. transport. 46 no. 10:16-17 '68.
Mikhedev, E. L. - Organization and control of subprojects of construction materials and assemblies. Muzh. dokl. 11 no. 4:9-14 '67.
Mikhedev, E. L. - Realization potential of transportation costs in industrial enterprises. Avi. transport. 46 no. 10:16-17 '68.
Mikhedev, V. M. - Profit, a basic indicator of the work of motor-transport operations. Stroit. traktorov. 11 no. 1:23 '68.
Tolstov, G. O. - New standards on instruction procedures and raising qualifications of motor vehicle drivers. Avi. transport. 46 no. 10:16-17 '68.

656.1(471.56)—Chelyabinsk Province

Gerasimov, V. - Mass express buslines. Avi. transport. 46 no. 10:16 '68.

656.2 Railway transport

Khachat'yan, N. P. - Scientific research work in the railroad transportation field. Zhurn. stroit. no. 11:60-61 '68.
Aptekhin, M. L., Pivovarov, D. L. - New demands made on train traffic schedules. Zhurn. stroit. no. 11:60-61 '68.
Pavlov, V. K. - Effectiveness of large closed line sections for track repair. Zhurn. stroit. no. 11:60-61 '68.

Dushayev, V. I. - Railroad stations and devices at the international exhibition. Zhurn. stroit. no. 11:60-61 '68.

Chernovskiy, M. G. - Railroad station lighting. Trudy TSNII MPB no. 36:123-125 '68.
Filipenko, S. M., Lazarevskiy, I. L. - Improving working quarters at enterprises of economic and organizational traffic control. Zhurn. stroit. no. 11:60-61 '68.
Orlov, I. A., Popov, L. A. - Actual problems of freight station operations. Zhurn. stroit. no. 11:60-61 '68.

Mostovskiy, A. A., and others. - Network planning is being introduced. Puti i post. 11 no. 10:8-9 '68.

Isaevskiy, V. A. - Portable automatic block signalling device in action. Puti i post. 11 no. 10:8-9 '68.

Kholodkov, M. P. - A precursor of engineers. Puti i post. 11 no. 10:8-9 '68.

Kholodkov, M. P. - Speeding up bookkeeping processes. Zhurn. stroit. no. 11:60-61 '68.

Kholodkov, M. P. - Price determination and tariffs. Zhurn. stroit. no. 11:60-61 '68.

Kholodkov, M. P. - Further modernization of existing vacuum cleaner systems. Trudy TSNII MPB no. 36:123-125 '68.

Kholodkov, M. P. - Loss of pressure at T-joint merges of streams. Trudy TSNII MPB no. 36:123-125 '68.

Kholodkov, M. P. - Ventilator for vacuum cleaner installations. Trudy TSNII MPB no. 36:123-125 '68.

Levitskiy, A. L. - Analyzing the causes of and preventive measures against serious occupational injuries in the railroad transportation field. Trudy TSNII MPB no. 36:123-125 '68.

Mostovskiy, V. K. - Advanced technology should be put at the disposal of small railroad stations. Zhurn. stroit. no. 11:60-61 '68.

Mostovskiy, V. K. - New developments in the operations of a mechanized railroad sector pertaining to loading and unloading work. Zhurn. stroit. no. 11:60-61 '68.

Mostovskiy, V. K. - Radetskiy, I. A., Borovik, A. Z. - Scientific organization of labor in a refrigerator car depot. Zhurn. stroit. no. 11:60-61 '68.

Porokh, G. A., Sokol, K. M. - Potential for increasing speeds in railroad sectors. Zhurn. stroit. no. 11:60-61 '68.

Pravda, M. V. - Overall development of locomotives and urban railroad services. Zhurn. stroit. no. 11:60-61 '68.

Rakhtimskiy, S. P. - Hygienic determination of the amounts of air pumped into pneumatic works under conditions of high temperatures and gas polluted media. Trudy TSNII MPB no. 36:123-125 '68.

Rakhtimskiy, S. P., Khachat'yan, N. P., Kotelnikov, V. M. - Designing thermal clothing for railroad workers taking into account body energy output and climatic conditions. Trudy TSNII MPB no. 36:123-125 '68.

[Railroad transportation] Ref. zhurn. : Zhurn. stroit. no. 11, '68.

Railroad transportation in the first half of 1968: technical and economic review. Zhurn. stroit. no. 11:60-61 '68.

Rodnikov, S. - Integrated brigades in loading and unloading work. Sots. trad 13 no. 11:134-135 '68.

Sokolov, V. K., Karamov, A. B., Kiselev, A. S. - Problem of passenger comfort in high speed train traffic. Zhurn. stroit. no. 11:60-61 '68.

Sokolov, V. K. - Investigating some aerodynamic problems of the interaction between a train and a deflating counter current. Trudy TSNII MPB no. 36:123-125 '68.

Sokolov, V. K., Losov, A. G. - Preparation of railroad stations and railway maintenance for high speed traffic. Zhurn. stroit. no. 11:60-61 '68.

Sokolov, V. K. - Study of suburban passenger traffic flow. Zhurn. stroit. no. 11:60-61 '68.

Sokolov, V. K. - Methods of dispatcher control at railroad stations. Zhurn. stroit. no. 11:60-61 '68.

Testing automatic signals. Zhurn. stroit. no. 11:60-61 '68.

Tolstov, G. O. - Operational planning and introduction of electronic digital computers. Zhurn. stroit. no. 11:60-61 '68.

656.2(474.5)—Arctic Coast

Khachat'yan, N. P., and others. - Dynamics of the human immunity against influenza in railroad employees of Tallinn station: based on materials of 1960-1964. Zhurn. stroit. no. 11:60-61 '68.

656.6 Marine, water transport

[Bulletin of additions and amendments to the regulations and instructions of the Ministry of River Shipping] Bld. Rech. reg. RFFSR no. 10 '68.

656.6(474.5)—Arctic Coast

Khachat'yan, N. P., and others. - Dynamics of the human immunity against influenza in railroad employees of Tallinn station: based on materials of 1960-1964. Zhurn. stroit. no. 11:60-61 '68.

656.6 Mail. Post

Burenko, V. A., Protolova, L. G. - Automation of the sorting and coding of letters carried by mail. Vest. stroit. 24 no. 12:8-11 '68.
"Let us form permanent staff of mail carriers." Vest. stroit. 24 no. 12:8-11 '68.
Mikhedev, E. L. - Mail service to the population should be constantly improved. Vest. stroit. 24 no. 12:8-11 '68.
Mostovskiy, V. K. - Consultations on problems of postal communication. Vest. stroit. 24 no. 12:8-11 '68.

646, 8(471, 310)—Moscow City
 Sukrov, O. N. - For the population of the capital. Vest. strel. 26 no. 6:13-29 Ja '68.

657 Accounting Bookkeeping
 Aleksandrov, A. - By whom should a report on carrying out output norms be compiled? Sots. trud. 13 no. 13:11-13 D '68.
 Barankin, V. P. - Calculation of the cost of synthetic fibers by assortments. Khim. prom. Ukr. no. 6:44-48 N-D '68.
 Grigorian, G. - Adjusting planned production costs to correspond to actual costs on collective and state farms at the end of the year. Vest. stat. no. 12:12-15 '68.
 Quenkov, V. D. - Improving cost calculation of construction products. Liv. vyz. ucheb. zav. stroit. i arkh. II no. 3 35-38 '68.
 K' cash register machines. Avi. i kosm. 44 no. 10:37 '68.
 Medved', P. - Primary documents should be shortened. Avi. transp. 44 no. 10:15-21 '68.
 Program for the further development of agriculture. Vest. stat. no. 12:3-8 '68.
 Rosenskiy, L. I. - Forecasting cost dynamics as an estimated price base. Vest. mashinost. 44 no. 12:7-12 D '68.
 Surkov, S. N. - Distribution of indirect expenditures in calculating the cost of general overhead of electrical machinery. Vest. mashinost. 44 no. 12:78 N '68.
 Timofeev, I. - Record keeping should be mechanized. Avi. transp. 44 no. 10:18 '68.
 Topchev, I. - Improve the centralization of paying penalties and allowances. Sots. obshch. 44 no. 12:12-13 Ja '68.
 Zolov, I. U. - Centralized bookkeeping is needed. Zhur. obr. no. 10:17-20 O '68.

657(471, 318)—Kalgan Province
 Blizov, G. - Province conference of collective and state farm accountants. Vest. stat. no. 12:74-76 '68.

657.37 Annual balance: inventories, sheets
 Alekseyev, M. - Public controller. Sots. obshch. 44 no. 1:7-9 Ja '69.

657.6 Official control of accounts. Auditing
 Golubov, Z. - Centre of building materials industry enterprises. Vest. stat. no. 12:33-35 '68.
 Kufisev, P. - Ensure an accurate accounting for the resources. Vest. stat. no. 12:33-43 '68.

658 Business, work and shop management and techniques
 Balkov, A. - Improve business accounting in chief administrations. Plan. khoz. 44 no. 12:43-44 F '68.
 Bikhman, O. D. - Technical, industrial, and financial planning under new economic conditions. Sots. prom. 44 no. 12:44-51 N '68.
 From the editors: results of questionnaires on scientific organization of labor. Na stroit. Ros. 8 no. 12:3 D '67.
 Goshchik, V. A., Fedotova, G. M. - Some aspects of the analysis of expenditures for the repair of tractors; based on the example of the "Leningrad Peat" Kolchoz. Vostochny Leningradskiy. Trudy Vostochny, sel'skokhoz. i lesn. no. 7 43-47 '67.
 Let us add up the results. Avi. transp. 44 no. 10:12-13 '68.
 Makarov, V. - Some problems of staff work. Fin. obshch. 44 no. 12:66-67 D '68.
 Maschukov, O. S., Iannikova, T. A. - Statistical determination of economic characteristics of industrial enterprises. Sots. prom. 8 no. 12:13-15 D '68.
 Preparing and introducing projects of the organization of labor. Na stroit. Ros. 8 no. 12:4-5 D '67.
 Ustevich, I. O. - Aspects of the organization of overall service for the machinery of kolchozes and sovkhoses. Trudy Vostochny, sel'skokhoz. i lesn. no. 7:44-49 '67.

658(477)—Ukraine S. S. R.
 Karasev, A. - The economic service before the reform. Khon. stroit. 10 no. 12:26-27 D '68.
 Shelest, V., Sytnik, I., Mikhailov, V. - Basic guidelines in the work of laboratories. Khon. stroit. 10 no. 12:27-28 D '68.

658(571)—Austria R. S. F. S. R.
 Krivoklad, N. - Getting ready for work in the new way. Khon. stroit. 10 no. 12:21-24 D '68.

658.1 Form of business enterprise. Finance
 Brest, A., Nikolaidis, A., Petrasche, A. - Read payments in the gas industry. Plan. khoz. 44 no. 1:12-13 F '68.
 Conditions on industrial business accounting. Plan. khoz. 44 no. 1:23-28 F '68.
 For workers of enterprises on practice in changing over to the new system of planning and economic incentives. Sots. trud. 13 no. 10:48-51 O '68.

Grebennikov, P. I. - Formation of incentive funds in the enterprises operating on a business accounting basis. Vest. LGU 13 no. 12:31-38 D '68.
 Ionov, V. - Profitableness of the enterprise and the profitableness of production. Fin. obshch. 44 no. 12:30-34 D '68.
 Kuznetsov, V. P. - Fund for housing and social and cultural services as factor in the stimulation of production. Ugol. Ukr. 12 no. 11:13-16 M '68.
 Kuznetsov, E. I. A. - Serious preparation for the planning of wage funds in new conditions is needed. Stroit. trudo. prov. II no. 1:3-9 Ja '68.
 Mezerovich, V. - The turnover of payments and the organization of payments to the budget in industrial enterprises. Fin. obshch. 44 no. 12:48-49 D '68.
 Melnikov, M. M. and others. - Some problems in utilizing fixed assets and production capacities of the enterprises of the oil-field machinery industry. Na tekhn. prog. 8 no. 12:12-14 D '68.
 Oshchinnikov, V. V., Uvarov, M. P. - Introducing business accounting to a Communist Youth League expedition. Nauch. i tekhn. mezh. 24 no. 12:21-24 D '68.
 Pshchynskiy, M. I. A. - Formation and use of working capital in mining enterprises under the new conditions of planning. Gor. shch. 44 no. 12:7-8 D '68.
 Prokhorovskiy, M., Vukobratov, V. - Make the profit index more accurate. Plan. khoz. 44 no. 1:64-67 F '68.
 Shervakov, V. - Comparing profitableness, turnover of working capital, and payments for production funds. Nauch. dokl. vyz. shkoly ekonomiki 11 no. 12:22-24 '68.
 Sholov, V. M. - Profit, a basic indicator of the work of motor-transport operations. Stroit. trudo. prov. II no. 1:9-11 Ja '68.
 Tselinskaya, M. V. - Dynamics of profit norms in the U. S. S. R. industry, 1913-1923. Vest. LGU 13 no. 12:24-30 D '68.
 Yelichnikov, R. M. - Increasing the economic effect of payments for production funds in the textile industry. Tekst. prom. 25 no. 12:12-14 D '68.

658, 1(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
 Karpashev, G. - Use funds for the development of the local industry better. Fin. obshch. 44 no. 12:72-73 D '68.

658, 1(471, 318)—Leningrad City
 Gal'perin, V. - Business accounting forms are determined by production characteristics. Sots. trud. 13 no. 10:22-24 O '68.

658, 1(471, 321)—Kalining Province
 Prokhorov, A. - In step with the reform. Fin. obshch. 44 no. 12:52-53 D '68.

658, 1(471, 341)—Gorky Province
 Frolov, F. - Financial organs and the economic reform in the enterprises of the local industry. Fin. obshch. 44 no. 12:50-51 D '68.

658, 1(471, 34)—Sverdlovsk Province
 Mamayev, B., and others. - Determining workshop contribution to production results. Sots. trud. 13 no. 10:15-19 O '68.

658, 1(471, 36)—North Ossetia A. S. S. R.
 Dzhiniev, M., Demianenko, V. - The plant works in the new way. Fin. obshch. 44 no. 12:57-61 D '68.

658, 1(471)—White Russia S. S. R.
 Tolmachev, S. - Interest paid for credit and reducing the turnover of documents. Fin. obshch. 44 no. 12:61-63 D '68.

658, 1(477)—Ukraine S. S. R.
 Chumachenko, M., Skripnik, P. - Improve the formation and use of a fund for the development of production. Fin. obshch. 44 no. 12:53-54 D '68.
 Dergachev, M. - One's own working capital should be provided for the unfinished construction. Khon. stroit. 10 no. 12:22-23 D '68.
 Gelover, G. - Give more attention to the decision-making sections. Fin. obshch. 44 no. 12:54-57 D '68.
 Pipenko, G., Anisov, I. - Financial organs of Dnepropetrovsk Province under the new conditions. Fin. obshch. 44 no. 12:57-58 D '68.
 Sytnik, A. - Profit and providing incentives for the workers under the new conditions. Sots. trud. 13 no. 10:13-14 O '68.

658, 1(571, 14)—Novosibirsk Province
 Kozlovskiy, V. - The economic reform and business accounting within a firm. Khon. stroit. 10 no. 12:24-25 D '68.

658.3 Establishment. Work, plants and equipment
 Drakh, P. D., Alekseyev, I. U. A. - Mechanized line for the production of figure-shaped casts. Khim. i lech. prom. 18 no. 11:41-42 M '68.
 Ermoshina, M. M., Shcheglov, G. V. - Mechanization of transportation of yarn and fabric. Nauch. i vyzn. prom. 12 no. 5:6-10 '68.

Otrogov, B. - More on the uninstalled equipment. Khon. stroit. 10 no. 12:51-53 D '68.
 Oksaev, A. M. - Selection of condenser voltage in compensation of reactive loads of industrial enterprises. Vys. vyz. ucheb. zav. i elektromekh. no. 6:66-70 My '68.
 Pina, V., Kabanov, V. - How to reduce surplus. - Khon. stroit. 10 no. 12:53 D '68.
 Kravchuk, B. - Improve production forms and the use of flooring materials. Stroit. trudo. prov. II no. 1:11-12 My-Ap '68.
 Kufisev, P. - Ensure an accurate accounting for the resources. Vest. stat. no. 12:33-43 '68.

658.3 Personnel. Human relations
 Alekseyev, V. - Forms of persuasion. Sov. shkol. II no. 11:14-15 M '68.
 Along the path of the Great October. Sov. shkol. II no. 11:1-2 M '68.
 Birkhoff, V. - The scientific basis: decisions and seeds. Khon. stroit. i Sots. i tekhn. II no. 12:13-15 D '68.
 Bondarenko, L. M., and others. - Select the organized labor at the "Ukraine" Coal Mine. Ugol. Ukr. II no. 11:8-10 M '68.
 Bykov, A. V. - All-Union record of Gorky district. Khon. stroit. II no. 11:1-3 N '68.
 Chervakov, A. I. - Use of coal mining enterprises for building the "Zapadno-Donbasskiy" No. 4 Kuz. shkol. stroit. II no. 12:16-17 O '68.
 Chervak, N. I. and others. - Now All-Union records result of the introduction of scientific organization of labor and new techniques. Ugol. Ukr. 12 no. 11:11-11 O '68.
 Davydov, G., Belova, G. - Application of the queue theory to the organization of machine operations. Khon. stroit. i lech. prom. 18 no. 4:4-8 Ji-Ag '68.
 Nogin, V. I. - Photoelectric switch. Nauch. i tekhn. II no. 10:18-19 O '68.
 Exemplary statute on part-time special correspondence in the periodical "Khon. stroit. i Sots. i tekhn. II no. 11:75-76 M '68.
 Gorkov, S., Kalinina, N. - Designing of equipment at labor conditions. Sots. trud. 13 no. 12:108-111 O '68.
 Lager, A. I., and others. - Rapid making of technical engineering manuals. Khon. stroit. II no. 12:7 M '68.
 "Let us form permanent staff of mail carriers." Vest. strel. 26 no. 12:28-30 D '68.
 Lysh, L. - Trustworthy front. Sov. shkol. II no. 10:23 M '68.
 Mikolay, N., Alekseyev, V. - Incentives for labor productivity in a branch. Are they used well? Sots. trud. 13 no. 12:31-31 D '68.
 Paronovskiy, P. S. - Engineering and technical personnel of the Vladivostok long-distance telephone station using the equipment more efficiently. Vest. strel. II no. 12:13 D '68.
 Petrov, L. P. - Mine builders of the Kuznetsk Basin are ready for the Lenin jubilee. Khon. stroit. II no. 12:2-4 M '68.
 Ponomarev, L. N., Agosov, I. V. - Scientific organization of labor in heavy machinery construction. Khon. stroit. II no. 10:12-4 O '68.
 Portlanov, M. T. - Scientific organization of production and labor in a coal mine. Ugol. Ukr. 12 no. 11:11-11 M '68.
 Potapov, V. G., Molodtsov, A. M. - Ways of improving technical and economic indicators in coal mines in preparing the transition to the new conditions of planning and economic incentives. Ugol. Ukr. 12 no. 10:22-23 O '68.
 Prilutskiy, V., and others. - Standing still is lower at the 10th anniversary of Lenin's birthday. Sov. shkol. II no. 11:2-3 M '68.
 Raikhanov, R. P., Zhelezov, P. A., Katsenkov, V. M. - Designing thermal clothing for railroad workers taking into account body energy output and climatic conditions. Trudy Vostochny, sel'skokhoz. i lesn. no. 12:131-133 '68.
 Ready to greet the Lenin jubilee. Sov. shkol. II no. 11:11 '68.
 Results of the socialist competition of light industry enterprises for the second quarter of 1968. Leningrad. 8 no. 5:5 5-7 O '68.
 Rosenberg, V. I. A. - Miners are learning from experience of the brigade led by I. D. Zvonovskiy, Hero of Socialist Labor, Lenin Prize laureate. Khon. stroit. II no. 12:2 22-23 M '68.
 Safety rules for ammonia refrigerating plants. Khon. stroit. 48 no. 10:40-40 M '68.
 Shantsev, M. A., Gerasimovich, M. M. - Economic incentives for the quality of welding operations and the efficiency of production. Svar. prom. no. 8:34-36 Ag '68.
 Shchegolevskiy, V. I., Kravchenko, M. L. - 71, 16 tons of coal extracted from the longwall for 27 workers with the UBN-87 plow. Ugol. Ukr. 12 no. 11:4-5 M '68.
 Xvorozhin, A. A. - Social problems of engineering and technical work. Mashinostroitel' II no. 12:7 O '68.

658, 2(471/104)—Capitalist countries of the world
 Korshakov, A. - "Industrial sociology" as guard of the interests of capitalist monopolies. Sots. trud. 13 no. 10:136-144 O '68.

658, 2(471, 316)—Moscow City
 Makarov, D. - Labor watch of construction workers of Moscow. Khon. stroit. 10 no. 12:13-18 D '68.

343-348 O - 88 - 14

Matlin, L. - Improving the efficiency of measures in the scientific organization of labor is the main thing. *Sots. trud* 13 no. 12 59-65 D 163.

Nikolaenko, A. S., Sudronova, V. Ia., Khabarov, N. A. - Methods of standardizing the use of materials and spare parts at radiocommunication and radio-broadcasting enterprises. *Vest. sviaz* 25 no. 12 24-28 D 765.

Orlovskii, M. - The expenditures will pay for themselves. *Eksp. stroit.* 10 no. 12 20-31 D 453.

Orlovskii, M. - The organization of the operation of 6.4 kv. rural power distribution networks. *Elek. sta.* 40 no. 1171-72 Ja '66.

Orlov, N. - Progressive organization of operations in construction projects of the Kamy Cheshol Combine. *Proiz. stroit. i inzh. soor.* 8 no. 2 9-11 Mr-Apr '66.

Orlov, V. A., Tenkhtov, F. E. - Industrial model of a diversified industrial complex. *Pril. i stat. spr.* no. 12 34-38 D 166.

Ostap, N. V. - Every collective of telecommunication workers should arrive for the creation of an enterprise fund. *Vest. sviaz* 25 no. 11 20-21 D 761.

Our aim is to increase profits. *Na stroit. Ros.* 6 no. 12: 12 D '67.

Ovchinnikov, I. U. B., Fridlind, I. U. A., Shuklov, P. M. - Establishment of rational communications in the administrative structure of an enterprise. *Pril. i stat. spr.* no. 12 43-45 D 163.

Passheva, L. L., Moskatova, A. G. - Network planning and control systems ought to be used correctly. *Stroit. truboopr.* 6 no. 2 34 F 462.

Passheva, S. A. - Preparations for winter track maintenance should be done on time. *Puti i put. khoz.* 11 no. 10 1-4 '68.

Plakhsin, V. M. - Experience of a collective enterprise in the increase of labor productivity. *Tekst. prom.* 24 no. 12 14-15 D '68.

Pobedimskii, G. - Unification of norms. *Sots. trud* 13 no. 10 14-17 O '68.

Petrovskii, G. - The quality will increase. *Stand. i kach.* 33 no. 11 64-65 N 78.

Pozharov, K. A. - Some problems of introducing the continuous operation method at construction sites. *Izv. vyz. uch.-b. zav. i stroit. i inzh. soor.* 11 no. 2 81-84 '68.

Priznak, M. P., Shuklov, A. M. - Ways to increase the economic efficiency of the best sugar industry. *Kach. prom.* 43 no. 11 30-31 N '68.

Prokofiev, V. A., and others. - Greater attention to the technique and organization of geological prospecting operations. *Russk. i otkh. nedr.* 34 no. 12 17-22 D '68.

Rabbinovich, B. D., Lebedev, A. M. - Planning the work of overall standardization. *Stand. i kach.* 33 no. 11 19-21 N '68.

Recommendations of the All-Union Scientific and Technical Seminar Conference on the improvement of operations of technical control services at enterprises. *Stand. i kach.* 33 no. 11 24 N '68.

Ryba, I. S., Ushakov, A. P., Shaprov, A. D. - Some problems in intraplan planning at enterprises with individual and small-type of production. *Vest. mashinostr.* 44 no. 11 70-73 N '68.

Savkina, L., Galkinovich, M., Kurjop, S. - Quality control of reinforced-concrete roof slabs. *Proiz. stroit. i kach. soor.* 8 no. 3 26-31 Mr-Je '66.

Rosenfelder, M. - The workshop and the intensity of planned assignment. *Sots. trud* 13 no. 10 12-13 O '68.

Roshkova, V. - Labor intensity index in analytical work. *Sots. trud* 13 no. 12 133-133 D '68.

Safonov, I. P. - Analysis of the mechanization schemes used in the erection of the building of the Kiev Hydroelectric Power Plant. *Eksp. stroit.* no. 11 48-48 '68.

Sokolovitch, G. D., Glazov, P. I. - Integrated work with specialization on the level of management. *Stroit. truboopr.* 11 no. 14 14 Ja '66.

Sosulovskiy, M., Shastopol, N. - Problems and experience in the development of an automated system of planning, organization, and management. *Na stroit. Ros.* 9 no. 10 6-8 O '68.

Scientific and technical progress in the telecommunication industry should be speeded up. *Vest. sviaz* 26 no. 62-2 Ja '66.

Serev, V. - Determining the capacity of a construction firm. *Na stroit. Ros.* 9 no. 10 18-20 O '68.

Sharova, N. - New standards. *Mashinostroitel' no. 10: 27 O '68.*

Shchegolevskii, B. M. - Accelerating growth rates of technical and economic indices. *Usp. Ukr.* 13 no. 10 64-65 O '66.

Shchegolevskii, B. M. - At the all-Union seminar on economic services in coal industry enterprises under conditions of the new economic reform. *Usp. Ukr.* 13 no. 11 51-52 N '68.

Shchegolevskii, I. U. L. - Work practices with a new system of planning and economic stimulation. *Russk. i otkh. nedr.* 34 no. 12 48-51 D '68.

Shchukin, B. O. - First year of profitable operations. *Stroit. truboopr.* 11 no. 5 23-24 My '66.

Shuklov, V., and others. - Quality means the science on the quality of production. *Stand. i kach.* 33 no. 11: 41-43 N '68.

Shuklov, A. - Technological progress under the conditions of the economic reform. *Sots. eksp.* 44 no. 4 48-49 Ja '66.

Shurpach, M. G. - Improving the quality of products. *Stand. i kach.* 33 no. 11 37-38 N '68.

Sobolev, K. - New wage scales for machine tool operators and establishing norms for their work. *Sots. trud* 13 no. 10 123-123 O '68.

Speicher, M. D. - Economic principles of cost analysis of graphic work model in construction. *Izv. vyz. ucheb. zav. i stroit. i arkh.* II no. 3 82-84 '88.

Spolodnikov, L. F. - The first assertion to a claim. *Stand. i izob.* 32 no. 11 44 N '88.

Stanovskii, M. I. - This has been confirmed by experience. *Stand. i izob.* 32 no. 11 70-81 N '88.

Starovoirov, M. - Scientific organization of labor in a taxi surviving enterprise. *Art. transport.* 46 no. 10: 8-11 '88.

Stepashko, G. - Not only the directors concern. *Outsides* 43 no. 1 779-804 31 '88.

Technological creativity of youth on the eve of the Fifteenth Anniversary of the All-Union Lenin Young Communist League. *Mak. - elev. prom.* 34 no. 11: 1-2 '88.

Tekovskii, M. E. - Experience in introducing information systems on the course of construction and assembly jobs. *Mak. i spets. rab. v stroit.* 33 no. 10: 87-90 '88.

Tekovskii, I. U. - Seminar on the scientific organization of labor. *Art. transport.* 46 no. 10: 11 '88.

Towards the Lenin Anniversary. *Mak. - elev. prom.* 34 no. 10: 2 '88.

Transfer lines. *Mak. i avtom. prob.* 35 no. 5: 80-83 '88.

Tretyakov, V. M. - Adoption of the scientific organization of labor in plants of the Central Black Earth Region's Administration of the Sugar Industry. *Sakh. prom.* 43 no. 11: 42-43 N '88.

Tsibilia, A. A. - Economic effectiveness of the measures for increasing the quality of concrete and ferroconcrete pipes. *Stroitel'magrov.* 10 no. 1: 10-12 3a '88.

Tikhonov, L. V. - Quality means the essence of quality. *Stand. i izob.* 33 no. 11: 40 N '88.

Tyryshakov, I. I. - Calculation of production costs with regard to ore dressing plants. *Chog. rad.* 10 no. 5: 28-31 '88.

Usov, G., Ponomarevskaya, V. - Supply in complete sets of sanitary fittings. *Na stroit. Ross.* 8 no. 12: 23-25 D '87.

Vald, A. - Methodological problems of optimizing the production structure of industrial enterprises. *Vop. ekon.* no. 1: 34-38 3a '88.

Vaschishko, A. F. - Labor productivity increases of continuous lines of the construction industry. *Khleb. i kond. prom.* 31 no. 11: 30-32 N '88.

Vashukhov, V. Vashukhov, I. - What should be done: advice and explanations. *Sots. transport.* 13 no. 11: 123-123 O '88.

Vershinin, V. S. - On the "science" of measuring the quality of production. *Stand. i izob.* 33 no. 11: 39 N '88.

Vladyslav, I. U. M. - Operational experience of the textile and knit goods industry in the Kirgizian S. S. R. *Tekst. prom.* 33 no. 11: 7-10 D '88.

Vodop'lov, V. L., and others. - Economic estimates of the losses and depletion of ore in chambers in mining the Upper Kazan plutonium deposits. *Gor. shurn.* 144 no. 11: 10-12 D '88.

Vasilev, A. V. - Built-up of planned capacities. *Tekst. prom.* 34 no. 11: 11-17 D '88.

Zakavskii, A. B. - Maintaining the operating reliability of automatic lines. *Mekhanizirovaniye* no. 11: 8-11 O '88.

Zakhvat, D. I. - Transferring subassembly of a transmission phase system for digital data transmission. *Trudy SSSR. Tekh. sredstv. sist. obr. dan., spr. i inzh.* no. 11: 27 '88.

Zharinov, V. G., Kabanov, A. I., Usman, M. V. - The service system and statistical control at instrument plants. *Stand. i izob.* 33 no. 11: 45-46 N '88.

Zlotovskii, D. - The present and the future of the network schedule graphs. *Ekon. stroit.* 10 no. 11: 21-23 D '88.

654, B(411)—German Democratic Republic
Mintzberg, G. V. - Scientific and technical cooperation in
the field of production quality and metrology between
the U.S.S.R. and the German Democratic Republic.
Moscow, 22 no. 11-23-88 N 458.

Zakutskiy, K. - Problems of insuring quality of production in the Polish industry. Stand. (tech. 53 no. 11.88-83 M 1981.

Beregla, Z., Borisev, M. - Reducing labor intensity is an important factor of the efficiency of production, *Notes, vol 12 no. 12:119-121 D '88.*

Borisova, G. - Labor productivity and economic work in an enterprise. *Sots. trad* 13 no. 12/13-14 D '68.

Sholov, M. V. - Office of economic analysis based on public participation. Vost. svizni 20 no. 6:128-29 Ju 88

Mikenskov, G. - Technical progress is the goal.
Agitator no. 23.11-23.12.1941.

Kozdelsky, K. - Improving the quality of statistics.
Sots.trud 13 no.10:140 O 48.

Rasmussen, E. - Improving the assessment of Alaska.
How should it be stimulated? Submitted to Alaska
31-38 O 486.

Pollakov, V. G. - Results and problems of the new way of working. Stanki i obr. 24 no. 12-13-20 D 72.
Prokof'ev, I. L., Gennepov, S. M., Kiselev, A. M. - Study of the automation efficiency at enterprises of Kemerovo Province. Mashinostroyeniye, 23 no. 10-12-72

Bailey, G. - Balance sheet-index method of placing labor productivity. Plan. Econ. 48 no. 2:10-17

Jakobas, V. - improving the structure of the
the machinery construction plants of the Leningrad
Vest.mashinostr. 48 no. 11:74-75 p 100.

Barosovskiy, E. - Efficiency organizational structure of graphic presentation. *Sots. trad* 13 no. 147-8-89 D.

Alamzin, V. - Popularity and efficiency are the main city. *Mosk. street*, 10 no. 12-11-89 D 148.

Korotkov, G. - Current problems of workshop management. *Sots. trad* 13 no. 12-11-89 D 148.

Zolov, I. - Growing incomes for the industry: aspects of Kharkov tractor industry workers. *Sots. trad* 13 no. 12-11-89 D 148.

Stepanov, N. - Norma dokladov na the conference.
Bot. stud 13 no. 10: 20-22 O 1968.

Kalishnik, E. I. - Capital assets of electric information enterprises should be used more efficiently. Vestnik 28 no. 8:27-28 Ja '84.

Kudrel, V., Konovalevskiy, P. - Industrial waste used in the production of wall and heat insulation materials. *Ind. Mat., Konstr.* 10 no. 2:17-48 Mr-Apr 61.

Krasnoglazov, N. - Interbranch ties in the tractor manufacturing industry. *Tsuzhkhos*, # 2, 1960, p. 459.

Bragstad, N. - Sale of products and problems of planning. Plan. Econ. 48 no. 2:18-24 P 48.

Tabalov, P., Zlotnikov, II. - Development of the economy.

Orlov, V. M. - Objectives of the organization of the Ministry of Assembly and Special Construction Org.

Kamensky, M. A., and others. - Use of the wastes of
chemical industry as raw material for the synthesis

00(471, 314)—Vladimir Province

65(471,828)—Tambor Province

06(471, 54) — Sverdlovsk Province
Polishchok, G. - There is something to learn. Chir.
trade notes, strach. 11 no. 12/14-16 D '44.

Brochova, V. N. - Changes in the peripheral blood of workers of the Dzhambul Superphosphate Plant. Tr. Akad. Nauk Kaz. SSR, 1966, 10, 154-156.

65.974 (Continued)

- Bruckner, V.M., Chernikov, K.Ch., Zakharov, V.K. - Some changes in the osseous system in workers of the Dnieper Superphosphate Plant. *Trudy Alma.-Ata. gos. med. inst.* 33 270-273 '68.
- Kharinova, K.K. - Changes in the genital organs of women working of a superphosphate plant. *Trudy Alma.-Ata. gos. med. inst.* 33:228-231 '68.
- Yakovlev, L.P. - Political work of the party in chemical industry enterprises and construction sites in the southern part of the republic during the years of the seven-year plan. *Obshchestv. nauch.* no. 11:38-44 '67.
- 65.975 (1) - Uzbek S.S.R.
- Tekhnov, Kh.T., Prizmatshikov, A.R. - Raw material resources for the chemical industry in Uzbekistan. *Uzb. khim. zh.* 10 no. 3:4-10 '68.
- 65.0 Chemical engineering
- Agabekov, I.K., Moldasov, I.U.K., Korabikova, T.P. - Hydraulic characteristics of different constructions of plates from S-shaped elements. *Moscow, prots. khim. tekhnol.* no. 2:178-179 '67.
- Aleksandrov, I.V., Gofeeva, I.U. - Some problems of the use of statistical dynamics for analysis of observations of industrial rectification columns. *Moscow, prots. khim. tekhnol.* no. 2:122 '67.
- Astashevskiy, V.A. - Mass transfer factors and efficiency of spray columns with vertical distributing lattices. *Moscow, prots. khim. tekhnol.* no. 2:131-133 '67.
- Bachmanov, I.U. - Production-line erection of the equipment of nitrogen-fertilizer plants. *Mont. i spets. rab. v strol.* 18 no. 2:12-18 '68.
- Galka, I.G., Babkin, K.P. - Kinetics of phenol isopropylation. *Trudy IRMA* no. 28:172-181 '64.
- Gorbunov, V.I., Domaretskiy, V.A., Nikolaev, A.P. - Development of programs for calculating the number of plates of aerating mixture columns using electronic digital computer. *Moscow, prots. khim. tekhnol.* no. 2:127-127 '67.
- Rukhovich, S.M., and others. - Micro-reactor of the method of prompt introduction for studying the catalytic reactions under continuous and pulse conditions. *Kataliz i kataliz.* no. 4:164-165 '68.
- KHFA, I.A. - Rectification of basic equipment sites for single-phase mixtures (without steaming) of ammonia. *Uzb. khim. zh.* 10 no. 1:64-70 '68.
- Krasovskiy, G.P. - Demountable gradientless reactor. *Kataliz i kataliz.* no. 4:161-164 '68.
- Lamortov, M.A., Sazonov, P.A. - Rectification in tubular columns of rapid mass exchange. *Moscow, prots. khim. tekhnol.* no. 2:151-153 '67.
- Lavich, V.G., Brodskiy, A.M. - Formation rate of the surface deposits in an esterified reaction. *Moscow, prots. khim. tekhnol.* no. 2:118 '67.
- Lavich, V.G. and others. - Mass transfer in bubbling of superheated steam in distillation columns of bitumen plant. *Moscow, prots. khim. tekhnol.* no. 2:173-173 '67.
- Lorits, R., Birde, M. - Mass transfer in a continuous absorber with mechanical interlocking. *Trudy TPI. Ser. A* no. 243:3-9 '68.
- Lysenko, V.M., Verkhovskiy, A.P. - Analytical study of the mass transfer process in continuously operative extraction apparatus KPA-88. *Moscow, prots. khim. tekhnol.* no. 2:121-122 '67.
- Martynov, V.I., Sazonov, A.M. - Effect of dimensions of Venturi-jetless absorber on mass transfer and hydraulic resistance. *Moscow, prots. khim. tekhnol.* no. 2:123-123 '67.
- Mikhlin, I.A., Oskogen, M.K., Narmalshakala, V.D. - Study of mass transfer in rotor apparatus. *Moscow, prots. khim. tekhnol.* no. 2:140-141 '67.
- Prokhorov, V.P., Solovnikov, G.P. - Study of the effect of direction of gas course into liquid on hydrodynamics of bubbling process and mass transfer. *Moscow, prots. khim. tekhnol.* no. 2:178-178 '67.
- Rykov, A.F. - Mixing and assembling of piping made from high-alloy steel. *Mont. i spets. rab. v strol.* 18 no. 1:18-21 '68.
- Sokolov, A.I., Maslovskiy, A.M., Do Van Dai - Mass transfer in liquid phase on grid plates with two perforations. *Moscow, prots. khim. tekhnol.* no. 2:143-143 '67.
- Sokolovskiy, V.B. and others. - Study of the rectification in columns with a revolving rotor. *Moscow, prots. khim. tekhnol.* no. 2:123-124 '67.
- Sokolov, I.U. - Some problems of the optimization and automatic control of the low-temperature gas separation process. *Moscow, prots. khim. tekhnol.* no. 1:118-119 '68.
- Sokolov, I.U. - Some properties of the products of tetrachloride titanium partial hydrolysis. *Trudy IRMA* no. 24:186-186 '64.
- Sokolovskiy, I.P., Kryzhanovskaya, M.B. - Study of the absorption of sulfuric anhydride and carbon dioxide by alkaline solutions in column with sieve plates. *Moscow, prots. khim. tekhnol.* no. 2:135-137 '67.
- Sokolov, V.M., Savitskiy, K.P. - Method for calculation of tubular reactors. *Moscow, prots. khim. tekhnol.* no. 2:128-128 '67.
- Sokolov, B.D., Pleschinskoy, V.E. - Flame-photometric determination of potassium microimpurity in rubidium chloride by the method of additions. *Trudy IRMA* no. 24:172-172 '64.
- Sokolov, V.V. - Calculation of reactors for carrying out chemical interaction between gas and solid phase in a fluidized bed. *Moscow, prots. khim. tekhnol.* no. 2:147-148 '67.
- Sokolov, L.K., Aarov, M.E., Bystrykh, T.A. - Some relations between parameters of bubbling layer. *Moscow, prots. khim. tekhnol.* no. 2:133-134 '67.
- Tekhnov, A.B. and others. - Method for determining the effectiveness of the action of standardized plates of column apparatus. *Moscow, prots. khim. tekhnol.* no. 2:126-127 '67.
- Tyagunov, G.A., Valikina, I.P. - Study of the mutual superpolarizing and depolarizing effects of cobalt and nickel ions during their simultaneous discharge. *Uzb. khim. zh.* 10 no. 4:60-63 '68.
- Tyukhtev, K., Zharovskiy, D.T., Maslennikov, S. - Study of the chemical structure of bituminous coal vitrinite based on the reaction products of coal. *Uzb. khim. zh.* 10 no. 4:23-27 '68.
- Vereshchikov, I.A. - Problem of dynamics of stationary processes in packed columns. *Trudy LPI* no. 2:117-118 '68.
- 65.02 Chemical processes and plant generally
- Kryzhanovskiy, O.M., and others. - Automatic mold pouring on conveyors. *Lit. prots.* no. 9:15 '68.
- Makarovskiy, V.F., Kufshil, L.A. - Prospects for the decrease in the capacity of horizontal settling tanks using active silica acids. *Khim. prom. Ukr.* no. 6:187-190 '68.
- Sokolovskiy, A.P. - Continuous PMV-2-type feeder-propeller for loose materials. *Khim. i nef. mashinostr.* no. 10:12-14 '68.
- 65.04 Heat transfer treatment. Processes
- Aleksandrov, M.M. - Erection of frames of cone chambers by the method of large-block construction. *Mont. i spets. rab. v strol.* 18 no. 7:7-13 '68.
- Aof, A.A., Romashov, R.G., Prolov, V.F. - Kinetic regularities of drying processes in a sectoral apparatus. *Moscow, prots. khim. tekhnol.* no. 2:128-128 '67.
- Bakits, K.W. - Using the blast-furnace air heaters with large blocks. *Mont. i spets. rab. v strol.* 18 no. 2:14-20 '68.
- Belitskiy, A.F., Dushchinskoy, V.P. - Drying of starch by infrared rays. *Moscow, prots. khim. tekhnol.* no. 2:121-121 '67.
- Cherny, K.G. - Selecting basic parameters for resonance vibrations. *Obog. rud.* 10 no. 1:34-40 '68.
- Gorbunov, V.I., Domaretskiy, V.I., Domaretskiy, V.A. - Optimization of the distillation process of fermenting substrate in the production of ethyl alcohol using statistical methods and electronic computers. *Moscow, prots. khim. tekhnol.* no. 2:125-125 '67.
- Rukhovich, S.M., and others. - Stability of rotary kiln. *Trudy TPI. Ser. A* no. 243:11-13 '68.
- Krasovskiy, M.V., Chernobyl'skiy, L.L. - Some results of the drying of polypropylene. *Moscow, prots. khim. tekhnol.* no. 2:123-123 '67.
- Krasovskiy, M.V., and others. - Drying equipment with mechanical mixing and grinding of material to be dried. *Khim. i nef. mashinostr.* no. 10:44-48 '68.
- Krasovskiy, V.M. and others. - Mathematical description of drying process in a fluidized bed. *Moscow, prots. khim. tekhnol.* no. 2:128-128 '67.
- Maslovskiy, A.M. - Automatic control of the interphase level in the process of synthetic fatty acids separation by carbon dioxide. *Khim. prom. Ukr.* no. 6:141-143 '68.
- Maslovskiy, A.M., Solovnikov, G.M. - Study of hydrodynamics of two-film rotor distillation apparatus. *Moscow, prots. khim. tekhnol.* no. 2:124-127 '67.
- Mikhaylov, K.M., Karginov, I.P., Chasodova, V.V. - Production of carbon peroxide based on hydrogen peroxide and barium hydroxide. *Khim. prom. Ukr.* no. 6:173-173 '68.
- Pelavko, O.V., Mikhaylovskiy, M.G. - Some special features of zinc behavior in the growth of alloyed gallium arsenide monocrystals. *Izv. AN SSSR. Khim. fiz.* 4 no. 1:11-18 '68.
- Ponomarevskiy, V.G., Babikh, V.S. - Static and dynamic characteristics of a plate-type 500 m² heat exchanger. *Khim. i nef. mashinostr.* no. 10:14-15 '68.
- Sokolov, K.K., Pukhov, L.M. - Study of the distillation process with water vapor in Venturi pneumatic column. *Moscow, prots. khim. tekhnol.* no. 2:171-171 '67.
- Sokolov, I.U. - Some problems of algorithmization of low-temperature air separation process. *Moscow, prots. khim. tekhnol.* no. 2:126-127 '67.
- Tyukhtev, K., Chernobyl'skiy, L.L. - Effective method for analysis of mixed gases in rotary kilns. *Trudy TPI. Ser. A* no. 243:11-13 '68.
- Krasovskiy, M.V., Khoroshikh, I.U. - Heat exchange of fused salts during their reciprocating motion in a liquid. *Khim. i nef. mashinostr.* no. 10:18-20 '68.
- 65.06 Working with liquids; handling, treatment
- Agapov, S.M., Chasodova, M.A., Mikhaylovskiy, A.Kh. - On a problem of the interaction of ferromagnetic. *Izv. vuz. khim. i nef. mashinostr.* no. 10:41-43 '68.
- Aleksandrov, I.U. - Theoretical study of the effect of liquid removal on the effectiveness of separation process in rectification columns. *Moscow, prots. khim. tekhnol.* no. 2:147-148 '67.
- Borysenko, I.U., Shchukin, R.M., Moscovitskiy, A.A. - Effect of some plant factors on the quality of cellulose-acetophthalate films. *Parfats. zh.* 21 no. 8:22-27 '68.
- Devilsharov, A.M., Martynov, I.G. - Thermal diffusion separation of mixtures in the field of centrifugal forces. *Moscow, prots. khim. tekhnol.* no. 2:17-18 '67.
- Dikarov, M.M., Loslov, L.M., Berezina, R.R. - Extraction of aromatic hydrocarbons with β -nitrodeoxyphenol. *Moscow, prots. khim. tekhnol.* no. 2:144-148 '68.
- Dikarov, V.V., Akashev, I.U., Zhukovskiy, T.A. - Study of longitudinal mixing of liquids in packed columns. *Moscow, prots. khim. tekhnol.* no. 2:123-124 '67.
- Dymarskiy, I.U., Koshchegyn, E.V., Goloviy, V.M. - Problems on the separation of diluted solutions by means of polymeric films. *Moscow, prots. khim. tekhnol.* no. 2:112-113 '67.
- Gosolovskiy, G.K., Orlov, E.I., Gofeevskiy, A.P. - Lateral nonuniformity in the work of acid cones. *Moscow, prots. khim. tekhnol.* no. 2:119-120 '67.
- Krasovskiy, M.V., Korobovskiy, T.S. - Problems of the diffusion complicated by a chemical reaction. *Moscow, prots. khim. tekhnol.* no. 2:7-8 '67.
- Krylov, V.S. - Diffusion boundary layer on the surface of moving drop at the presence of volumetric chemical reaction. *Moscow, prots. khim. tekhnol.* no. 2:122 '67.
- Kuznetsov, M.D., Kuznetsov, R.R. - Problems of the determination of absorptive resistance of gas and liquid phases. *Moscow, prots. khim. tekhnol.* no. 2:123-124 '67.
- Lavich, V.G., Chasodova, I.U., Markin, V.S. - Two-phase diffusion model of porous media. *Moscow, prots. khim. tekhnol.* no. 2:111 '67.
- Lavich, V.G., and others. - Effect of diffusion transfer of substances on the selectivity of catalytic hydrogenation of carbon monoxide into alcohols. *Kataliz i kataliz.* no. 4:127-130 '68.
- Moskovskiy, R.R., Birde, K.K. - Hydrodynamics of direct-flow sieve apparatus with descending current of gas and liquid. *Moscow, prots. khim. tekhnol.* no. 2:123-124 '67.
- Milazov, M.L., Salimov, Y. - Studying the extraction process of substances from solid materials in the presence of petroleum. *Moscow, prots. khim. tekhnol.* no. 2:116-117 '67.
- Pleschinskoy, I.A. - Determining the concentration of molecules in a vertical reactor equipped with a mixing unit. *Khim. mashinostr.* no. 7:22-27 '68.
- Popova, V.I. - Conditions of the extraction of barbituric acid from aqueous solutions by an organic solvent. *Parfats. zh.* 21 no. 8:10-11 '68.
- Rukhovich, S.M., and others. - Study of various methods for diffusion juice purification. *Khim. prom. Ukr.* no. 6:122-122 '68.
- Sokolovskiy, Ch.A., Kopa, Z.P., Vlasovskiy, L.R. - Use of polymers as plasticizers during filling of polyvinyl chloride. *Uzb. khim. zh.* 10 no. 1:62-101 '68.
- Toropov, M.A., Shchukin, R.M. - Processes and products of crystallization of glasses in the field of primary crystallization of the system. *MgO-Al₂O₃-SiO₂*. *Uzb. khim. zh.* 10 no. 2:12-18 '68.
- Vlasovskiy, K.M. - Temperature dependence of the distribution coefficients during the extraction of boric acid from aqueous solutions. *Uzb. khim. zh.* 10 no. 4:68-68 '68.
- Vlasovskiy, T.P., and others. - Synthesis of alkyl carboxylates as selective solvents for hydrocarbons. *Moscow, prots. khim. tekhnol.* no. 2:127-128 '68.
- Zharov, V.T., Rukhovich, A.I., Lavich, V.A. - Monolocal regularities of solution - surface layer equilibrium diagrams. *Koll. zh.* 38 no. 6:123-123 '68.
- 65.07 Working with gases; handling, treatment
- Bobrov, L.A., Vlasovskiy, M.I.A. - Adsorption drying of pyrolytic gas. *Moscow, prots. khim. tekhnol.* no. 2:146-146 '68.
- Dymarskiy, I.U., Andreev, V.I. - Calculation of a level of gas-liquid mixture (steam) on bubble trays and the coefficient of gas filled foam. *Moscow, prots. khim. tekhnol.* no. 2:121 '67.
- Gorkin, V.M., Pleschinskoy, P.P., Ushakovskiy, G.G. - Copolymerization with preheating of the blow and purification of gases. *Trudy Inst. med.* no. 16:31-31 '67.
- Ismaylov, E.G., Kollashina, R.A. - Studying the possibilities for modernizing cups of oval-type 500mm. cast-iron valve gates. *Khim. i nef. mashinostr.* no. 10:28 '68.
- Korobovskiy, T.G., Shchukin, R.M., Maslovskiy, A.M. - Determining the activity of an adsorbent in a micro-volts adsorption unit. *Izv. vuz. khim. i nef. mashinostr.* no. 10:42-42 '68.
- Lavich, V.G. - Dynamics of the sorption in a fluidized fixed-bed allowing for heat release. *Khim. i nef. mashinostr.* no. 10:28-28 '68.
- Sokolovskiy, K.P. - Automatic transfer (a COO) gas analyzers. *Zh. tekhn. i nef. mashinostr.* no. 10:42-42 '68.
- Sokolovskiy, G.A., Vlasovskiy, V.M., Pleschinskoy, A.G. - Study of the activity of industrial alkali catalysts during the purification of natural gas. *Khim. prom. Ukr.* no. 6:123-123 '68.
- Vlasovskiy, V.M. - Microkinetics of the processes of fine catalytic purification of gases. *Kataliz i kataliz.* no. 4:126-126 '68.
- 65.08 Physical and physical-chemical operations
- Bobrov, L.A., Vlasovskiy, M.I.A. - Adsorption drying of pyrolytic gas. *Moscow, prots. khim. tekhnol.* no. 2:146-146 '68.
- Korobovskiy, T.G. - Use of the ultrasonic method to prevent scale formation in steam boilers. *Khim. i nef. mashinostr.* 13 no. 11:33-33 '68.
- Kardymov, A.V. - Duration of the effect of inoculation in the vacuum treatment of Al₂ alloy. *Lit. prots.* no. 2:41-42 '68.
- Tyukhtev, K., and others. - Ultrasonic treatment of the chocolate mass. *Khim. i nef. mashinostr.* 13 no. 11:33-33 '68.
- 65.09 Special chemical processes, treatment
- Astashevskiy, V.A., Sazonov, I.M. - Spectroscopic and properties of polymers of mono- and dialkyl esters of succinic acid. *Uzb. khim. zh.* 10 no. 3:44-47 '68.
- Babitskiy, A.F., Polonskiy, G.M., Maslovskiy, A.A. - Low-radical mechanism of benzoin condensation catalyzed by thiazolium salts. *Khim. i nef. mashinostr.* 13 no. 2:102-102 '68.

68.08 (Continued)

- Mal'tsev, A. E., Abdur, A. Sh., Aliy, O. M. - Interaction of thallium admixtures with oxygen in selenium. *Zhur. fiz. khim.* 43 no. 7:1580-1583 J1 '68.
- Belitskiy, Z. G. and others. - Use of inhibitors in the hydrolytic refining of liquid pyrolysis products. *Nefteper. i neftekhim.* no. 9:17-19 '68.
- Blancher, V. N., Strel'tsov, V. V. - Calculation of pulverizing process of grain materials during their treatment in a fluidized bed. *Mosk. prots. khim. tekhnol.* no. 3:222-223 '67.
- Borisov, L. L., Tselis, I. - Study of the effectiveness of the performance of cleaning devices used in the impregnation plant at the Riga section of the Baltic Railroad. *Stor. trud. vrach. Prikl. zhel. dor.* no. 4:216-219 '68.
- Datsheva, B. A., and others. - Effect of certain rare-earth oxides on the activity of rhodium oxide-molybdenum oxide catalysts in dehydrogenation of cyclohexane and dehydrocyclization of n-hexane. *Azerb. khim. zhur.* no. 5:33-37 '68.
- Dzhachvili, O. A. - Study of the process of barium aluminate reduction in a fluidized bed with additions of some calcium compounds. *Sov. AN Gruz. SSR* 61 no. 3:90-93 '68.
- Krasov, B. V., Egitasov, M. G. - Effect of the phase external circulation of a solid phase of Deldinad bed on contact pyrolysis of gasoline. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:77-81 '68.
- Gor'lin, I. D. - Studying static characteristics of a reactor for photochemical benzene chlorination. *Khim. prom. Ukr.* no. 6:158-160 N-D '68.
- Grek, F. Z., Kiselevskiy, V. M. - Flotation of density in a fluidized bed. *Mosk. prots. khim. tekhnol.* no. 3:163-167 '67.
- Guseinov, M. M., and others. - Synthesis of esters via thionocarbonate intermediates. *Azerb. khim. zhur.* no. 5:27-37 '68.
- Kamshilov, O. K., and others. - Study of thioesterification of cellulose esters with higher fatty acids. *Uzb. khim. zhur.* 10 no. 3:40-43 '68.
- Kukoderov, M. A., Gulmammadov, V. G. - Alkylation of alpha-naphthol. *Uzb. rap. AGU Ser. khim. nat.* no. 3:65-70 '68.
- Krasov, M. I. - Alkyd resins based on products of paraffin oxidation. *Khim. prom. Ukr.* no. 6:168-170 N-D '68.
- Krasovskiy, I. A., and others. - Physiological activity of some chlorine-substituted pyridine derivatives. *Khim. prom. Ukr.* no. 6:174-175 N-D '68.
- Kudryov, Ch. Sh., Krasovskiy, M. M. - Synthesis of γ -(3,4-benzaldehyde)-butyric acid and its derivatives. *Uzb. khim. zhur.* 10 no. 3:29-31 '68.
- Kuznetsov, I. U., Ia., Rogalia, A. O. - Drying and cooling of sand in fluidized bed. *Lit. prots.* no. 3:13-14 N-D '68.
- Kutubovskiy, I. A., and others. - Effect of the molybdenum trioxide content of catalysts on changes in their mechanical strength at high temperatures. *Nefteper. i neftekhim.* no. 9:4-6 '68.
- Kutubovskiy, I. A. - Interlocking of solid phase in a fluidized bed on sieve plate. *Mosk. prots. khim. tekhnol.* no. 3:164 '67.
- Makshilov, F. I., Teygurov, G. A. - Effect of surface-active substances on the stationary potential of metal electrodes. *Uzb. khim. zhur.* 10 no. 3:43-44 '68.
- Makshilov, F. I., Makshilov, I. G., Rustanov, Kh. R. - Kinetics of Catechol reaction in the presence of metals as catalysts. *Uzb. khim. zhur.* 10 no. 4:44-47 '68.
- Klimenko, V. V., Akopian, L. A., Piskovskiy, A. M. - Drying (force of mass exchange) process in a fluidized bed. *Mosk. prots. khim. tekhnol.* no. 3:167-169 '67.
- Kononov, B. M., Piskovskiy, A. M. - Improving the alkylation process in the production of TSIATM-115 additive. *Nefteper. i neftekhim.* no. 9:17-18 '68.
- Kuchanov, S. I., Ma'man, I. M. - Local warming up in the points of contact of particles in a granular layer. *Mosk. prots. khim. tekhnol.* no. 3:164 '67.
- Kulagina, T. G., Asmarov, M. A., Savrasova, S. D. - Graft copolymers of cellulose and of chloroethyl acrylate. *Uzb. khim. zhur.* 10 no. 4:35-40 '68.
- Kulagina, T. G., Savrasova, S. D., Asmarov, M. A. - Synthesis of N-ethylmaleimide and its copolymerization with vinyl monomers. *Uzb. khim. zhur.* 10 no. 3:29-30 '68.
- Lagutskiy, L. I., Dzhali, V. A. - Application of the MO method to the interpretation of results of polarographic study of some heterocyclic systems. Part 2: Para-substituted nitrobenzenes and benzaldehydes. *Reakts. spoz. org. soed.* 8 no. 3:722-724 O '68.
- Levich, V. G., Chismadzhiev, I. A., Markin, V. S. - Hydrodynamic mixing in porous media with stagnant zones. *Mosk. prots. khim. tekhnol.* no. 3:16 '67.
- Levich, V. G., Chismadzhiev, I. A., Markin, V. S. - Study of hydrodynamic mixing in porous media by means of harmonic signal. *Mosk. prots. khim. tekhnol.* no. 3:16 '67.
- Levich, V. G., Mikhaylov, V. P. - Kinetic theory of fluidized bed. *Mosk. prots. khim. tekhnol.* no. 3:16 '67.
- Mandras, S. E., Piskovskiy, A. M., Akopian, L. A. - Calculation of equipment with a fluidized bed. *Mosk. prots. khim. tekhnol.* no. 3:163-164 '67.
- Lovacheva, G. M., Kozlovskiy, I. A. - Structural and mechanical properties of films produced from corn starch modified by acid. *Bukh. prom.* 43 no. 11:58-61 '68.
- Makshilov, F. I., Sakharov, M. G., Aleksandrov, K. M. - Aggregate stability of hydrodispersion of titanium dioxide in the presence of various surface active substances. *Izv. vyz. shkoly. ser. khim. i khim. tekhnol.* 11 no. 11:1247-1252 '68.

- Masagorov, R. M., and others. - Effect of the operating time of a catalyst on the results of catalytic cracking. *Nefteper. i neftekhim.* no. 9:7-9 '68.
- Mishin, V. Ia., Parplev, M. A. - Continuous differential polymeric method for measuring concentration of CO₂ ions. *Uzb. khim. zhur.* 10 no. 3:59-63 '68.
- Moskov, U. M., Umanov, Kh. U., Babayev, T. M. - Synthesis and properties of graft copolymers of polystyrene with methacrylic acid. Report No. 2: Physicochemical properties of the obtained graft copolymers. *Uzb. khim. zhur.* 10 no. 3:48-52 '68.
- Rizakov, M. I., Tashpolatov, Kh., Salimov, Z. - Study of oil extraction using polarized. *Uzb. khim. zhur.* 10 no. 4:76-79 '68.
- Oshtovik, K. S., Kozlovskiy, I. P., Grigor'yevskiy, S. M. - Study of thermal decomposition of double salt of zinc and barium formate. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:113-115 '68.
- Polikarov, B. I., Makhov, M. R. - Solubility of sodium fluoride in aqueous solutions of nitric acid and salting out action of sodium salts. *Uzb. khim. zhur.* 10 no. 4:15-17 '68.
- Rizakov, M. U., and others. - Study of ion exchange sorption in fluidized in packed columns. *Mosk. prots. khim. tekhnol.* no. 3:164-165 '67.
- Roshchinskii, V. P., and others. - Use of vitrified bed disperse layer in the processes of gas reduction of metal oxides. *Dokl. AN BSSR* 123 no. 3:398-400 '68.
- Rustanov, P. G., Dzhaliyev, T. A. - Cross-section phase diagram for Cu-Fe-Cr. *Azerb. khim. zhur.* no. 5:90-92 '68.
- Rustanov, P. G. - Ion-exchange sorption dynamics of heterovalent ions in steady state. *Azerb. khim. zhur.* no. 5:100-104 '68.
- Rustanov, P. G., Strigunov, F. I., Gavrilova, Z. F. - Reduction of a granular barite concentrate in a rotating furnace. *Khim. prom. Ukr.* no. 6:118-119 N-D '68.
- Savolova, V. A., Litvinenko, L. M. - Some special features of the effect of medium polarity on acylation reactions. *Reakts. spoz. org. soed.* 8 no. 3:558-560 O '68.
- Shchegolevskiy, G. B., Altsade, S. L. - Effect of addition of water vapor to natural methane on the reduction of Dushanbe iron ore. *Azerb. khim. zhur.* no. 5:94-104 '68.
- Shchegolev, A. A., Kravtsov, M. Z., Ilyashenko, M. A. - Synthesis in the group of diDestrul and hexestrul. *Izv. AN Mold. SSR* no. 9:91-95 '68.
- Shchegolev, M. A., Shchegolev, A. A. - Mathematical description of the mixing process for powder materials. *Khim. tekhnol.* no. 6:178-181 '67.
- Umanov, Kh. U., and others. - Study of the products of radiation-induced graft copolymerization of acrylonitrile and polymethacrylic acid. *Uzb. khim. zhur.* 10 no. 3:52-55 '68.

68.09 Organic chemical processes

- Bekashev, R. A., and others. - Alkylation of ethylchloride with halo alcohols in the presence of AlCl₃. *Uzb. rap. AGU Ser. khim. nat.* no. 3:19-24 '68.
- Kozlov, V. D., Baranovskiy, L. A. - Kinetics of styrene polymerization in the presence of isopentane. *Khim. prom. Ukr.* no. 6:175-178 '67.
- Ivanov, M. V., Bogovits, E. A., Asanovskiy, L. S. - Synthesis of organosilicon derivatives of cellulose with functional organosilanes. *Izv. AN Mold. SSR* no. 11:77-78 '68.
- Ivanov, M. V., Bogovits, E. A., Dorofeev, M. A. - Synthesis and polymerization of methacrylate trimethylpropylsilane. *Izv. AN Mold. SSR* no. 11:77-80 '68.
- Kolodnyy, V. M., and others. - Preparation of this films of bis-(methacryloyl)-bis-(dimethyl) acrylate-siloxanes by means of electron bombardment. *Khim. vyz. soed.* 3 no. 1:71-73 Ja-F '68.
- Kuliev, A. M., and others. - Synthesis of O, O-di-n-propyl-(γ -alkoxy- δ -hydroxy)-propyl diethoxyphosphates. *Uzb. rap. AGU Ser. khim. nat.* no. 3:14-16 '68.
- Kuliev, A. M., Asanov, A. E., Mamedova, E. A. - Synthesis of alkylarylsiloxane-oxo acids. *Uzb. rap. AGU Ser. khim. nat.* no. 3:18-19 '68.
- Kuliev, A. M., Orudzhev, I. M., Gasanov, D. G. - Developing the technology for a continuous process of phenol alkylation with a polymer distillate in the presence of an aluminum chloride catalyst. *Nefteper. i neftekhim.* no. 9:27-29 '68.
- Markin, A. I., Mikhaylov, M., Grigor'yevskiy, A. I. - Kinetics of the process of esterification of fatty acids by alcohols. *Uzb. khim. zhur.* 10 no. 4:83-85 '68.
- Murman, G. M., Lashchinskii, G. V. - Certain syntheses from alcohols. Synthesis of 1-chloro-2-(1,1,1-trichloro-2-methyl-2-propoxy)-2-methyl-2-propoxy-ethane. *Izv. AN Mold. SSR* no. 11:46-48 '68.
- Mikhaylov, T. S., and others. - Thermal degradation of polyimides with heterocyclic in the chain modified with low-molecular weight additives. *Vysokom. soed. Ser. A* 10 no. 12:1722-1724 D '68.
- Orysh, T. M., Lashchinskii, G. V. - Synthesis of the vitamin K analog from alcohols. *Izv. AN Mold. SSR* no. 11:52-54 '68.
- Orysh, T. M., Lashchinskii, G. V. - Synthesis of the vitamin K analog from alcohols. *Izv. AN Mold. SSR* no. 11:54-55 '68.
- Ravich, I. U., Shchegolev, A. A. - Syntheses in the γ -C-allylresorcinol derivative series. Report No. 2, Synthesis of 3-methoxy-4-hydroxypropylbenzene and 3-ethoxy-4-hydroxypropylbenzene. *Izv. AN Mold. SSR* no. 11:56-61 '68.

- Ravich, I. U., Shchegolev, A. A. - Syntheses in the γ -C-allylresorcinol derivative series. Report No. 1, Shift of the ethylene double bond in γ -C-allylresorcinol derivatives. *Izv. AN Mold. SSR* no. 11:52-55 '68.
- Saiter-Zade, A. D., Saiter-Zade, I. R. - Optical activity of hydrocarbon fractions separated from products of autoconversion in the presence of activated metals. *Uzb. rap. AGU Ser. khim. nat.* no. 3:14-16 '68.
- Shchegolev, A. A., Ravich, I. U., Shchegolev, A. A. - Syntheses in the γ -C-allylresorcinol derivative series. Report No. 1, Properties of γ -C-propylresorcinol esters. *Izv. AN Mold. SSR* no. 11:57-70 '68.
- Shchegolev, A. A., Vlasenko, V. M., Vlasov, A. D. - Study of the activity of trioxetane alcohol esters during purification of natural gas. *Khim. prom. Ukr.* no. 6:120-121 N-D '68.
- Tselis, B. L. - Gas-phase polymerization on thin films as a method for direct synthesis of ordered polymeric structures. *Vysokom. soed. Ser. A* 10 no. 12:1811-1817 D '68.
- Vasilov, M. P., and others. - Decomposition of ethyl cellulose in the presence of catalyst. *Khim. tekhnol.* 10 no. 6:33-38 '68.

68.1 Special chemical industries. Fine chemicals

- Dal'kevich, P. J., Chelobova, L. A., Shchegolev, L. I. - Effect of temperature, form of ion and size of ion-exchange equilibrium in pool. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:29-34 '68.
- Chelobova, L. A., and others. - Study of the adsorption capacity of a series of surface active agents. *Farmakol. zhur.* 11 no. 5:23-27 '68.
- Lashchinskii, G. B., and others. - Effect of the surface active agents on the structure formation process in mineral polymer emulsions. *Khim. tekhnol.* 10 no. 6:44-47 N-D '68.
- Umanov, M. M., and others. - Calculation of optimum local layer of polyimide on ion exchange. *Mosk. prots. khim. tekhnol.* no. 3:168-169 '67.
- Kuliev, A. V., and others. - Studying the properties of adsorbents obtained in hydrothermal treatment of industrial silicon gel. *Khim. tekhnol.* 10 no. 6:48-49 N-D '68.
- Kozlovskiy, A. I., Klimenko, M. A. - Kinetics of ion-exchange adsorption of ions and molecules of trimethylchlorosilanes on silicic acid. *Uzb. rap. AGU Ser. khim. nat.* no. 3:14-16 '68.
- Kozlovskiy, A. I., Demchuk, I. A., Shchegolev, A. I. - Equilibrium for K(1-2 cation) exchange in solution containing hydrogen, ammonia, and carbon ions for acid and dynamic conditions of ion exchange. *Mosk. prots. khim. tekhnol.* no. 3:168-169 '67.
- Korotkov, M. M., Hitzov, N. U. - Calculation of the rate of protolytic action of ion exchange resins. *Uzb. rap. AGU Ser. khim. nat.* no. 3:14-16 '68.
- Kotlyarskiy, B. P. - National Committee of USSR in its surface active agents. *Khim. tekhnol.* 10 no. 6:48-49 N-D '68.
- Bogovits, E. A., Olovskiy, V. M., Hitzov, N. U. - Stability of differential surface by water and solution of surface active agents. *Mosk. prots. khim. tekhnol.* no. 3:168-169 '67.
- Shchegolev, V. D. - Studying the basic aspects of the appearance of colloidal properties of silver oxide. *Izv. vyz. shkoly. ser. khim. i khim. tekhnol.* 11 no. 11:1247-1252 '68.
- Tokareva, L. N., Kozlov, A. V., Shchegolev, V. D. - Study for obtaining surface-active substances from natural Nefteper. i neftekhim. no. 9:45-46 '68.
- Trapschikov, A. A., Avotajev, S. A. - Effect of the wave on capacity of monolayers of crystallized octadecanol to reduce the rate of water evaporation. *Khim. tekhnol.* 10 no. 6:49-50 N-D '68.
- Vlasenko, V. M., Rapov, V. M. - Current intensity curves and their utilization for analytical determination of the surface active agents. *Izv. AN Mold. SSR* no. 11:52-54 '68.
- Kemlinakova, V. Ia., Mikhaylov, A. E. - Effect of certain anionic surface-active additives on the type of water bond in kaolinite clay dispersions. *Azerb. khim. zhur.* no. 5:83-87 '68.

68.13 Surface and sorption

- Varlanov, M. I., Murman, G. A., Shchegolev, L. I. - Study of solution containing nanomaterials surface active, nitric acids, free ammonia, and ammonium salts with acid oxide complex. *Izv. vyz. shkoly. ser. khim. i khim. tekhnol.* 11 no. 11:1251-1254 '68.

68.14 Polymers. Hides

- Dily, M. U., Kuznetsov, I. Ia. - Effect of temperature on spectral characteristics of hide solutions of Cu²⁺ and Co²⁺. *Vistyk Kyiv. na Ser. fiz. khim. nat.* no. 6:28-30 '68.
- Mikhaylov, L. M., and others. - Acetylation of cellulose in the presence of aniline salts. *Uzb. khim. zhur.* 10 no. 6:55-56 '68.
- Mirzazade, A. M., Aliev, V. D. - Effect of some bases on yeastlike fungi of the *Clostridium* genus. *Trudy GIMU* no. 41:93-94 '64.
- Mikhaylov, L. M., Kuznetsov, I. P., Chelobova, V. V. - Production of barium peroxide based on hydrogen peroxide and barium hydroxide. *Khim. prom. Ukr.* no. 6:17-19 N-D '68.
- Mikhaylov, G. V., Shchegolev, V. M. - Change of the character of different forms of nitrogen in some anionic and slightly petroled points on a storage in self-heating oil paraffin. *Vestn. AN BSSR. Ser. khim. nat.* no. 4:34-36 '68.

643 (Continued)

Rafnail, I. A., Olevskii, V. M., Romov, N. G. - Wettability of different surfaces by water and solutions of surface-active agents. *Mosk. prot. khim. tekhnol.* no. 2: 133-134 '63.
 Burda, J., Hirdo, K. - Equilibrium diagrams of the vapor-liquid system. *Trudy TPI Ser. A* no. 244 83-90 '62.

643.1 Cacao products. Cocoa. Chocolate

643.1(479.23)—Georgian S. S. R.
 Tarkhishvili, A. A. - Ultrasound treatment of the chocolate mass. *Khleb. i kond. prom.* 12 no. 11:19-40 '63.

644 FOOD INDUSTRIES. PRESERVATION

Lash, E., Raja, R. - Production of dry washed potato. *Trudy TPI Ser. A* no. 242 73-78 '63.
 Korobitsin, A. A. - Studying the vibrations of shaking conveyors and feeders. *Khleb. i kond. prom.* 12 no. 11:19-22 '63.
 Mikhail, V., Pikhov, L., Silina, E. - Production of dry washed potato. Report 3: Kinetics of drying washed potato. *Trudy TPI Ser. A* no. 242 79-84 '63.
 Mikhail, V., Pikhov, L., Silina, E. - Production of dry washed potato. Report No. 3: Study of the technology of production of dry washed potato. *Trudy TPI Ser. A* no. 242 85-89 '63.
 Vuklin, L. - Improving the efficiency of measures in the scientific organization of labor in the milk thing. *Sots. trod.* 15 no. 12:58-65 D '63.
 Rukhova, N. Ia. and others. - Quality of paraffin for the food industry. *Nefteprom. i neftekhim.* no. 6:23-28 '63.

644.1 Sugar industry

All-Union conference of young specialists of the sugar industry. *Khleb. i kond. prom.* 12 no. 11:69-72 '63.
 Better use of productive capacity. *Khleb. i kond. prom.* 12 no. 11:4 '63.
 Bikina, O. D. - Technical, industrial, and financial planning under new economic conditions. *Khleb. i kond. prom.* 12 no. 11:44-51 '63.
 Confectionary products granted a "High Quality Sign". *Khleb. i kond. prom.* 12 no. 11:43-45 '63.
 Popov, N. G. - Possibilities of decreasing the sugar costs in plants of the U.S.S.R. *Khleb. i kond. prom.* 12 no. 11:44-45 '63.
 Shteyn, D. S., and others. - Evaluation of drying-cooling apparatus for granulated sugar. *Khleb. i kond. prom.* 12 no. 11:18-19 '63.
 Shteyn, D. S., Drykov, V. G., Kreitova, V. K. - Industrial testing of the electric drive of a diffuser with a PT-D control circuit. *Khleb. i kond. prom.* 12 no. 11:21-22 '63.
 Zagerelov, A. Ia., Khvalkovskii, T. P., Ivanova, L. K. - Effect of diffusion and the water reaction during the determination of the pH of refined sugar products. *Khleb. i kond. prom.* 12 no. 11:27-28 '63.

644.1(436)—Poland

Twardochleb, L. S. - Trends of the juice purification technology in the sugar industry of Poland. *Khleb. i kond. prom.* 12 no. 11:48-49 '63.

644.1(471.23)—Central Black Earth regions
 Tretyakov, V. M. - Adoption of the scientific organization of labor in plants of the Central Black Earth Region's Administration of the Sugar Industry. *Khleb. i kond. prom.* 12 no. 11:42-43 '63.

644.1(474.2)—Kazakhstan S. S. R.

Asarov, B. M., and others. - Straightening of the flow during smoking of candy masses by extrusion. *Khleb. i kond. prom.* 12 no. 11:36-38 '63.

644.1(477)—Ukrainian S. S. R.

Answers to M. S. Krasnitskii's article "Let's create a museum of the sugar industry". *Khleb. i kond. prom.* 12 no. 11:8-9 '63.
 Drakh, P. D., Alekseev, I. U. A. - Mechanized line for the production of figure-shaped candy. *Khleb. i kond. prom.* 12 no. 11:41-42 '63.
 Lash, E. D. - Development of the sugar industry in the western regions of the Ukrainian S. S. R. during the Soviet rule. *Khleb. i kond. prom.* 12 no. 11:3-7 '63.

Shimakovskii, S. D., and others. - Studying the compactness and adhesion of molded fruit-paste candies and the mechanization of their removal from molding forms. *Khleb. i kond. prom.* 12 no. 11:13-15 '63.

Vashchenko, A. P. - Labor productivity increases of continuous lines of the confectionery industry. *Khleb. i kond. prom.* 12 no. 11:30-32 '63.

644.12 Beet sugar

Demashko, M. P. - Improve seed removal from milk of lime. *Khleb. i kond. prom.* 12 no. 11:35 '63.

Priznak, M. P., Kuznetsov, A. M. - Ways to increase the economic efficiency of the beet sugar industry. *Khleb. i kond. prom.* 12 no. 11:38-41 '63.

Stolikhin, S. L., and others. - Study of various methods for diffusion juice purification. *Khleb. i kond. prom.* 12 no. 11:21-26 '63.

644.12(477)—Ukrainian S. S. R.

Grishina, N. A., Gerasimovskii, A. A., Orlov, L. A. - Microelements in molasses of beet sugar plants in the Ukraine. *Khleb. i kond. prom.* 12 no. 11:30-31 '63.

644.13 Molasses

644.13(477)—Ukrainian S. S. R.

Kapara, N. M., Belyubarskii, L. M. - Amazo acid composition of molasses delivered to yeast factories of the Ukraine. *Khleb. i kond. prom.* 12 no. 11:26-27 '63.

644.2 Starch. Other polysaccharides

Danilovskii, V. A. - Perfecting the calculation of production costs for the complete processing of corn. *Khleb. i kond. prom.* 12 no. 11:32-33 '63.
 Loshakov, O. M., Kozlovskii, L. Ia. - Structural and mechanical properties of starch produced from corn starch modified by acid. *Khleb. i kond. prom.* 12 no. 11:32-33 '63.

644.2(470)—White Russian S. S. R.

Golyskii, V. S. - Rationalized prices of starch products. *Khleb. i kond. prom.* 12 no. 11:67-68 '63.

644.2(478)—Moldavian S. S. R.

Kositskii, B. S. - Scientific-Technological Society of the Bessaraia Plant promotes technological progress. *Khleb. i kond. prom.* 12 no. 11:63-65 '63.

644.3 Baking, bread and flow confectionery

Chagha, M. A. - Progressive workers in the enterprises of the U.S.S.R. macaroni industry. *Khleb. i kond. prom.* 12 no. 11:3-4 '63.
 40 years in the macaroni industry. *Khleb. i kond. prom.* 12 no. 11:4-5 '63.
 Makarov, N. A., Kozlovskii, L. M. - Determination of the physical properties of macaroni dough. *Khleb. i kond. prom.* 12 no. 11:28-29 '63.
 Moroz, M. N. - Flow sheets for technological parameters of macaroni conveying units in the industry. *Khleb. i kond. prom.* 12 no. 11:30-31 '63.
 Shchegolev, A. V. - Unit for the lubrication baking forms. *Khleb. i kond. prom.* 12 no. 11:34 '63.

644.3(471.314)—Vladimir Province

Gurkina, L. A. - Efficient promotion in the Kovrovskii Bread Manufacturing Combine. *Khleb. i kond. prom.* 12 no. 11:32-33 '63.

644.3(477)—Ukrainian S. S. R.

Kokotkii, I. P. - Use of the ultrasound method to prevent scale formation in steam boilers. *Khleb. i kond. prom.* 12 no. 11:33-35 '63.
 Kuznetsov, M. D., Kozlovskii, F. V. - Profitability of enterprises under new economic conditions. *Khleb. i kond. prom.* 12 no. 11:29-30 '63.
 Mozhik, M. B., Dvornik, M. M. - Permeability losses in baking chamber. *Khleb. i kond. prom.* 12 no. 11:8-9 '63.

644.3(471.18)—Altai Territory

Babushkin, M. A. - Efficient promotion in the Novosibirsk Bread Manufacturing Combine. *Khleb. i kond. prom.* 12 no. 11:36-37 '63.

644.34 Raw and semimanufactured materials properties (for baker's yeast)

Orlovskii, V. E. - Continuous action proportioning device for liquid components. *Khleb. i kond. prom.* 12 no. 11:35-37 '63.

644.7 Flour and meal milling. Grain processing

Alabina, B. - Twirling vibration of box-type separators and reduction of their amplitudes. *Mek. -elev. prom.* 34 no. 10:18 '63.

Aleksandrov, V., Khidko, V., Spiridonova, M. - Selecting conditions and methods of heating grain prior to drying. *Mek. -elev. prom.* 34 no. 10:13-15 '63.

Chernovskii, M. - On the implementation of the economic reform. *Mek. -elev. prom.* 34 no. 10:22 '63.

Disinfection on storage and processing of grain. *Mek. -elev. prom.* 34 no. 10:21 '63.

Godunov-Mikhailovskii, T. - *Mek. -elev. prom.* 34 no. 10:22 '63.

Krasnopolovskii, S. - Through aeration of freshly harvested grain. *Mek. -elev. prom.* 34 no. 10:18-20 '63.

Lukashkin, V., Golik, M. - Effect of moistening, heating and cooling on the crack formation in corn grain. *Mek. -elev. prom.* 34 no. 10:13-15 '63.

Paraskeva, M. - Preservation of vitamins in combined feeders. *Mek. -elev. prom.* 34 no. 10:18 '63.

Rubtsov, A., Altshuler, A. - Hydroscopic properties of rye grain, break and stirred flour. *Mek. -elev. prom.* 34 no. 10:17 '63.

Tartakovskii, M. - High-speed installation of elevator equipment by large components. *Mek. -elev. prom.* 34 no. 10:16-17 '63.

Towards the Lenta Amelverey. *Mek. -elev. prom.* 34 no. 10:13 '63.

Trifonovskii, L. A., Golonkov, V. P. - At the General Assembly of the International Society on Grain Chemistry. *Mek. -elev. prom.* 34 no. 10:18-21 '63.
 Tsybulovskii, I. U. - Separating salt from wheat meal on pneumatic tables. *Mek. -elev. prom.* 34 no. 10:18 '63.
 Ukolov, V. - Temperature control of seed drying in compartmental dryers. *Mek. -elev. prom.* 34 no. 10:11 '63.

644.7(431)—German Democratic Republic
 Mangel, I. - Rice processing machinery made in the German Democratic Republic. *Mek. -elev. prom.* 34 no. 10:31 '63.

644.7(471.311)—Moscow Province
 Kopylov, V., Dzhokovskii, V. - Automation of the grain drying process at the Moscow "Molot" Mill. *Mek. -elev. prom.* 34 no. 10:34-35 '63.

644.7(471.32)—Dnieper S. S. R.
 Malenka, A. - At the conference of the Association of Agricultural Flour Mills in the Dnieper S. S. R. *Mek. -elev. prom.* 34 no. 10:29 '63.

644.7(471.33)—Orel Province
 Dal'man, A. - Method of air spaces in the drying department of the mill. *Mek. -elev. prom.* 34 no. 10:31 '63.

644.7(471.31)—Rostov Province
 Kostukova, T. - Conditions for decreasing unnecessary expenses of enterprises in Rostov Province. *Mek. -elev. prom.* 34 no. 10:32 '63.

644.7(477)—Ukrainian S. S. R.
 Bronskii, G. - Scientific organization of labor in the Sovietkii and Urozhainnitskii Combines. *Mek. -elev. prom.* 34 no. 10:18 '63.

Ivanov, I. - Cost-accounting production sections in the Chernovskii Grain Products Combine. *Mek. -elev. prom.* 34 no. 10:30 '63.

Kraev, V. - Commercial are loading. *Mek. -elev. prom.* 34 no. 10:31 '63.

Lisov, V., Varminskii, A. - Accounting the material determination in bread. *Mek. -elev. prom.* 34 no. 10:34-37 '63.

Sergunov, P. - Five-year planned program for has been executed in the L. I. Ilyushin S. S. R. *Mek. -elev. prom.* 34 no. 10:31 '63.

Trubnikov, A. - Planned capacity of the reconstructed Dneprovskii Flour Mill has been reached in a short time. *Mek. -elev. prom.* 34 no. 10:31 '63.

644.7(478)—Moldavian S. S. R.
 Durn, A., Dzhuravskii, V. - Planned capacity of the Moldavian combined food enterprises have been reached. *Mek. -elev. prom.* 34 no. 10:31 '63.

644.8 Preservation of organic products. Fruit and vegetable products

Grigori, V., Dale, L., Bobolovskii, Ch. A. - Anticorrosion coatings of metal containers for storing food products. *Uch. zap. NIPI* 87 no. 10:103-108 '67.

Khramovskii, S. D., and others. - Studying the compactness and adhesion of molded fruit-paste candies and the mechanization of their removal from molding forms. *Khleb. i kond. prom.* 12 no. 11:13-15 '63.

646 Oils. Fats. Waxes

Khramovskii, S. D., and others. - Extractive separation of oxidation products of methylol ethers of synthetic fatty acids. *Mek. -elev. prom.* 34 no. 10:34-35 '63.

Karlov, M. G., Poretskii, G. V., Alekseyev, S. D. - Purification of industrial wastes from formaldehyde and synthetic fatty acids with electric current impulses. *Mek. -elev. prom.* 34 no. 10:34-37 '63.

Kotlovskii, M. M., Pechenkin, B. G. - Studying losses by the method of electron paramagnetic resonance. *Izv. vuzov, khim. i tekhnol.* 10 no. 3:37-38 '63.

Markovskii, A. L., Frejman, R. M. - Study of the kinetics of the change in chemical composition of oil in the clay-treating process using infrared spectroscopy. *Izv. vuzov, khim. i tekhnol.* 10 no. 3:44-47 '63.

Modulovskii, I. U. - Determining optimum treatment conditions of paraffine for synthesizing fatty acids. *Mek. -elev. prom.* 34 no. 10:34-35 '63.

646(431)—German Democratic Republic

Ostrov, I. - On the basis of the Oder. *Rev. tekhnol.* 10 no. 8:187-204 Ag '63.

646.8 Petroleum. Mineral oil processing
 Abbasov, M. A., Makhmudov, M. U. - Automatic control system for regulating rectification columns of volatile organic liquids. *Zh. tekhn. prog.* 8 no. 12:1-4 D '63.

Aleksandrov, D. M., and others. - Distribution of olefines and paraffins in the cracking of petroleum. *Uch. zap. NIPI* 87 no. 10:103-108 '67.

Aleksandrov, S. A., Ismailova, B. A., Khurov, I. U. - Studying the change in chemical composition of oil in the clay-treating process using infrared spectroscopy. *Izv. vuzov, khim. i tekhnol.* 10 no. 3:44-47 '63.

Astashevskii, V. I. - Studying the asphaltene, resin and oil-soluble products as well as the effect of various factors on the asphaltene content. *Vysok. tekhnol.* 10 no. 10:72-74 '63.

Aslanov, V. I. - Refinement of residual oil and utilization of oil-soluble products. *Vysok. tekhnol.* 10 no. 10:41-47 '63.

- 661.5 (Continued)
- Bellare, R. G. and others. - Use of inhibitors in the hydro-oxidative refining of liquid pyrolysis products. *Neftteper. i neftekhim.* no. 8:37-39 '68.
- Kacotvili, E. M. - Separation of kerosene fraction of petroleum on molecular sieves NaX and CaX. *Soob. AN Gruz. SSR* 54 no. 8:245-248 May '68.
- Khorov, L. A., Vlasov, M. A. - Adsorption drying of pyrolytic gas. *Neftteper. i neftekhim.* no. 9:40-44 '68.
- Rykov, L. A. - Adsorption of synthetic fatty acids by skin. *Neftteper. i neftekhim.* no. 1:31-33 '68.
- Davidev, V. V., Ali-zade, P. P. - Realization of finite automata using two binary shift registers. *Za tekhn. prog.* 8 no. 12:7-8 D '68.
- Filina, R. A., Khabibulina, R. K. - Desulfurization of the petroleum of the Urals field from the Maqyryak Peninsula. *Neftteper. i neftekhim.* no. 1:1-4 '68.
- Guberg, R. A. and others. - Sedimentation during the storage of highly viscous metals. *Neftteper. i neftekhim.* no. 1:14-17 '68.
- Gorbatenko, M. G. - Methodology of developing a model of current planning for the production program of a refinery. *Eksp. i nat. metod.* 4 no. 8:441-449 N-D '68.
- Gorlov, M. I., and others. - Determination of naphthene acids in preparations and products of petroleum refining. *Zav. lab.* 23 no. 8:1089-1093 '68.
- Gorlov, M. I., Shcherbakov, V. K. - Stabilization of the acidic activity and the appearance of bimolecular cells as a result of the action of naphthene acid salts. *Tekhnologiya* 16 no. 8:1088-1093 Ag '68.
- Khasova, R. - Projects of existing-based plants should provide for maximum prefabrication and standardization of structures. *Stroitel'stvo*, II no. 8:28-29 Ag '68.
- Kumarov, N. G., Bogdanova, T. A., Khalilova, Sh. A. - Composition of the light portion of the pyrolytic gases of coking-head gasolins. *Neftteper. i neftekhim.* no. 9:35-38 '68.
- Novoselov, B. S., and others. - Selecting optimum conditions for the alkylation of phenol by olefins on the KU-2 catalyst. *Neftteper. i neftekhim.* no. 1:25-27 '68.
- Kozlov, B. S., Pisarskiy, A. M. - Improving the alkylation process in the production of the TSIATM-329 additive. *Neftteper. i neftekhim.* no. 8:17-18 '68.
- Kopylov, T. I., Mironov, M. A., Mikhaylov, A. M. - System for regulating the level of the base of a column in case difficulties arise in regulating the elevation of lower product. *Za tekhn. prog.* 8 no. 12:8-9 D '68.
- Korova, V. M. and others. - Experiences in the production and testing of aluminumchromolybdenum catalyst for the hydrofining of diesel fuels. *Neftteper. i neftekhim.* no. 8:13-15 '68.
- Korova, V. M. - The "Neftskaf" electric dehydrator. *Neftteper. i neftekhim.* no. 9:53-60 '68.
- Kolov, R. Sh., Samodova, F. L. - Obtaining oils of a wide assortment by direct purification of dewaxed naph. *Neftteper. i neftekhim.* no. 1:13-14 '68.
- Kordak, M. M., Shchegolev, G. A., Vainiklov, V. V. - Lubricating properties of some water-soluble chemical compounds and their use as emulsifiers of lubricating and cooling fluids. *Neftteper. i neftekhim.* no. 1:18-19 '68.
- Korovin, V. M., and others. - Effect of the methods of catalyst sulfurizing on coke formation in hydrocracking. *Neftteper. i neftekhim.* no. 1:4-5 '68.
- Korovin, V. M., Pikel, B. S., Degoshvili, O. A. - Ultrasonic, UVV-UV viscometer. *Zav. lab.* 23 no. 7:800-803 '68.
- Korova, V. M. - Limits of potentiometric titration of additives. *Neftteper. i neftekhim.* no. 9:13-17 '68.
- Korovin, B. K. and others. - Improving the performance of a process column. *Neftteper. i neftekhim.* no. 9:40-43 '68.
- Korovin, B. K. and others. - Effect of the operating time of a catalyst on the results of catalytic cracking. *Neftteper. i neftekhim.* no. 9:17-9 '68.
- Korovin, L. D., and others. - Inhibition of the reaction of photochemical oxidation of petroleum oils. *Soob. AN Gruz. SSR* 54 no. 8:241-245 May '68.
- Korovin, V. L., Kolesova, L. V. - Chemistry of the conversion of individual hydrocarbons in hydrocracking in the presence of aluminum-chromium-polyphosphorus and phosphorus catalysts. *Neftteper. i neftekhim.* no. 1:1-3 '68.
- Orlov, V. M. - Objectives of the organizations of the Ministry of Assembly and Special Construction Operations in the construction work for the petroleum, petrochemical, and chemical industries. *Most. i spets. rab. v stroit.* 23 no. 7:1-3 J '68.
- Pavlov, I. A., and others. - Studying the effectiveness of antioxidant additives and their effect on physicochemical properties of fuels. *Neftteper. i neftekhim.* no. 9:40-43 '68.
- Pavlov, I. A. and others. - Kinetics of the hydrogenation of aromatic esters from a kerosene-gas oil fraction of the Araks petroleum. *Neftteper. i neftekhim.* no. 9:1-4 '68.
- Pavlov, I. A., and others. - Synthesis of esters of naphthene acids isolated from petroleum. *Azerb. khim. zh.* no. 8:10-13 '68.
- Pavlov, I. A., Shchegolev, V. P. - Changes in the phase state of asphaltenes in West Siberian petroleum. *Neftteper. i neftekhim.* no. 9:11-13 '68.
- Pavlov, I. A., and others. - Quality of paraffin for the food industry. *Neftteper. i neftekhim.* no. 9:23-25 '68.
- Pavlov, I. A., Rudakov, A. V. - Quality requirements of petroleum bitumens for road construction taking into account climatic conditions. *Neftteper. i neftekhim.* no. 9:10-11 '68.
- Pavlov, I. A., and others. - Some problems of the optimization and automatic control of the low-temperature gas separation process. *Neftteper. i neftekhim.* no. 1:18-21 '68.
- Pavlov, I. A. - Regulation in the composition of gases, condensates, and petroleum of Mesopotamia pools in western Kazakhstan. *Trudy KP VNI* no. 7:78-97 '68.
- Pavlov, P. M. - Efficient flow sheet of the CPU 41-103 unit. *Neftteper. i neftekhim.* no. 8:33-34 '68.
- Sadikov, P. K., Mikhaylov, E. A. - Studying an automatic control system for obtaining an oil concentrate using automatic computers. *Izv. vuz. soobsh. sav. i ned. i gas D* no. 10:144-148 '68.
- Takhtadze, I. D., Kvintikidze, Z. V. - Preparation of anticorrosion films from acid tars bitumens. *Soob. AN Gruz. SSR* 51 no. 3:807-811 S '68.
- Takhtadze, I. D., Kotova, A. V., Benkovskiy, V. G. - Method for obtaining surface-active substances from petroleum. *Neftteper. i neftekhim.* no. 9:40-44 '68.
- Kardoba, L. V., Chernik, E. M., Rapoport, I. B. - Synthesis of antirust additives on the basis of pentadecanoyl-ascorbic acid. *Neftteper. i neftekhim.* no. 1:29-30 '68.
- Kavlov, V. I., Shchegolev, M. L. - Extracts of gas oils of coking residues of the Maqyryak petroleum as stock for carbon black production. *Neftteper. i neftekhim.* no. 1:5-8 '68.
- 666.5(471.48)—Volgograd Province
- Kiselev, A. S. - Experiences in fully packed assembly of process control and automation systems. *Most. i spets. rab. v stroit.* 23 no. 11:11-13 N '68.
- 666.5(479.23)—Georgia S. S. R.
- Belikov, M. G., and others. - Study of the products of thermal diffusion separation of isoparaffin-naphthene part of Super-petroleum distillates. *Soob. AN Gruz. SSR* 54 no. 3:811-814 S '68.
- 666.5(479.24)—Azerbaijan S. S. R.
- Ragimov, F. R. and others. - Studying the degree of dispersion of natural and artificial petroleum emulsions of the Oil Field Administration "Shirvanov". *Azerb. neft. khim.* 47 no. 12:39 D '68.
- 666.5(471.18)—Omsk Province
- Khramov, V. M. - Effect of benzilic acid on the state of the upper respiratory tracts in workers of the Omsk Petroleum Refining Plant. *Trudy OMS* no. 8:145-148 '68.
- 666.5(479.1)—Uzbek S. S. R.
- Makhmudov, D., Djalilov, P. P. - Change of composition and properties of oxidized bitumens of Farkh-Ahlayshik oil. *Uzb. khim. zh.* 13 no. 8:34-36 '68.
- 666.5(479)—Ethiopia
- Ivanov, V. - District and hot Assemb. *Am. i Afr. seg.* 13 no. 9:40-51 F '68.
- 666.1 Glass industry and technology
- Artyev, I. I., Rasovskiy, I. B. - Some characteristics of the technological process for the manufacture of glass-reflectors (fabrics) on looms. *Lek. prom.* 8 no. 8:3-5 O '68.
- Artyev, I. I., Rasovskiy, I. B. - Technological conference of plants in the optical-mechanical industry. *Opt.-mekh. prom.* 23 no. 8:63-65 S '68.
- Artyev, I. I., Rasovskiy, I. B. - Glass-reflectors (fabrics) on looms. *Lek. prom.* 8 no. 8:3-5 O '68.
- Dolzhagina, V. S., Rabkova, M. S. - Effect of coatings and low-temperature annealing on the surface quality of optical parts. *Opt.-mekh. prom.* 23 no. 8:39-43 S '68.
- Oskanova, M. V., Kikina, S. A. - Preliminary calculation of synthetic silica chloride in the manufacture of products by the sintering method. *Stek. i ker.* 24 no. 12:18-21 D '67.
- Ishmuratova, M. S. - Some peculiarities of cementing optical parts with epoxide resins. *Opt.-mekh. prom.* no. 8:46-50 '68.
- Lev, E. I. - Designing of glass industry enterprises in the U. S. S. R. during the past 50 years. *Stek. i ker.* 24 no. 12:3-4 D '67.
- Ladynova, L. M., Stepanov, S. A. - Faraday effect in glass containing terbium oxide. *Opt.-mekh. prom.* 23 no. 8:11-14 S '68.
- Muravskiy, E. L., Rogozhev, I. V., Bantov, G. T. - Increasing durability and longevity of glass molds. *Stek. i ker.* 24 no. 12:20-23 D '67.
- Mikhlin, E. A., Shchegolev, L. K. - Crystallization ability of the glasses in the system $\text{BaO} - \text{CaO} - \text{SiO}_2$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1033-1041 N '68.
- Oboznenko, B. N. - Installation for neutralizing waste water resulting from chemical polishing of products. *Stek. i ker.* 24 no. 12:30-31 D '67.
- Oboznenko, B. N., Shchegolev, M. L., Tushkov, A. I. - Experiences in the industrial determination of glass viscosity on tank furnace feeders. *Stek. i ker.* 24 no. 12:16-18 D '67.
- Pavlov, M. A., Kikina, S. A. - One of the causes for the appearance of air bubbles in sheet glass. *Stek. i ker.* 24 no. 12:18-19 D '67.
- Potashnik, V. M. - Glass for fiber optics. *Opt.-mekh. prom.* 23 no. 8:24-28 S '68.
- Shchegolev, M. - Study of the induction period of electroless copper plating of glass. *Trudy AN LII, SSSR, Ser. B* no. 3:61-67 '68.
- Shteynberg, D. K. - Spectral characteristics of the principal radiation components in fiber-optical parts. *Opt.-mekh. prom.* 23 no. 8:3-8 S '68.
- Strakhovskiy, M. A. - Properties and crystallization of cordierite glass. *Uzb. khim. zh.* 10 no. 4:90-91 '68.
- Strukova, E. V. - Investigating the spectra of crystalline and vitreous silicates of the system $\text{PbO} - \text{SiO}_2$. *Khark. polk. spektr.* 8 no. 8:104-111 '68.
- Strukova, E. V., Fridman, I. A. - Analysis of cracks and of the structure of fractures in glass. *Zav. lab.* 24 no. 12:140-143 '68.
- Toropov, M. A., Strakhovskiy, M. A. - Processes and products of crystallization of glasses in the field of primary crystallization of the spinel of the system $\text{MgO} - \text{Al}_2\text{O}_3 - \text{SiO}_2$. *Uzb. khim. zh.* 10 no. 3:23-5 '68.
- Vargin, V. V., Iashchinskii, L. M. - Study of crystallization of low alkali multicomponent glasses. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1008-1010 N '68.
- Vodkov, G. M., Kabanov, V. I., Rykov, K. I. - Certain physical and chemical properties of carbocyceramics. *Dokl. AN SSSR* 183 no. 2:224-227 '68.
- Zhenina, L. A., Kuznetsov, M. I., Kalitina, A. M. - Effect of pressureless groups on the structure of pyroceramic material based on glass composition $\text{CaO} - \text{MgO} - \text{SiO}_2 + (\text{Na}_2\text{O}, \text{Al}_2\text{O}_3 + \text{F})$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1047-1049 N '68.
- 666.1(471.33)—Bryansk Province
- Tkachevskiy, V. F. - Dynakovo out glass plant. *Stek. i ker.* 24 no. 12:6-8 D '67.
- 666.1(471.44)—Saratov Province
- Potashnikov, V. G. - Results and problems of the new way of working. *Stek. i ker.* 24 no. 12:28-29 D '67.
- 666.1(477)—Ukrainian S. S. R.
- Bondariev, K., Pachko, I. U., Pachko, V. - Structural and technical glass industry in the Ukraine during the last 50 years. *Ind. mat. i konstr.* 19 no. 3:1-4 M-Ap '68.
- Ryba, A. S., Antipenko, T. L. - Plant named after the October Revolution. *Stek. i ker.* 24 no. 12:4-6 D '67.
- 666.2 Enamel and glass
- Artyev, I. I., Knezhikova, M. - Study of the possibility of opacification of glass and enamel by zinc sulfide compounds. *Uzb. khim. zh.* 10 no. 6:88-91 '68.
- Bakul, V. M., Saragda, A. A., Orlov, A. A. - Peculiarities of diamond-electroplated coatings. *Mashinostroitel'* no. 10:21-23 O '68.
- Dolzhagina, V. S., Rabkova, M. S. - Effect of coatings and low-temperature annealing on the surface quality of optical parts. *Opt.-mekh. prom.* 23 no. 8:39-43 S '68.
- Olev, I. E., Petrovskiy, G. T. - Temperature dependence of modulus of elasticity of glasses in the system $\text{KF} - \text{BaF}_2$. *Izv. AN SSSR, Neorg. mat.* 4 no. 11:1048-1049 N '68.
- Podolskiy, M. V., Zhukovskiy, O. V., Tikhomirov, G. P. - Changes in glass of a lithium aluminum silicate system during sintering. *Opt.-mekh. prom.* no. 8:44-47 Ja '68.
- Podolskiy, M. V., Bantov, I. U. D., Tovareshko-Klimenko, M. M. - Effect of titanium dioxide on properties of melonite printing coat emulsions. *Khim. tekhn.* no. 8:148-153 '67.
- Rogozhin, M. V., Rukhovich, A. V., Syrtskaya, E. M. - New enamel for the chemical industry. *Stek. i ker.* 24 no. 12:23-24 D '67.
- 666.2(471.33)—Bryansk Province
- Strashina, A. M. - Colored glasses for glass facing tiles. *Stek. i ker.* 24 no. 12:28-34 D '67.
- 666.3 Clay and ceramic ware
- Pavlov, I. A., Shchegolev, I. A. - Increasing the production of porcelain and faience products. *Lek. prom.* 9 no. 9:28-29 S-O '68.
- Korovin, G. A. - Stages of improving drying techniques in the manufacture of fine ceramics. *Stek. i ker.* 24 no. 12:19-21 D '67.
- Krasnoshchikova, A. E. - Some features of body and glass during high-speed firing of tiles in roller furnaces. *Stek. i ker.* 24 no. 12:26-28 D '67.
- Krytynskiy, I. S., Lyubchik, H. M. - Suggestions by effluents promoters in porcelain and pottery plants of the Ukraine SSR. *Lek. prom.* 9 no. 9:27-28 S-O '68.
- 666.5 Porcelain and china
- Korovin, G. V., Shchegolev, I. A., Shchegolevskiy, I. A. - High-voltage porcelain with low content of alkali and admixtures controlling its properties. *Khim. tekhn.* no. 8:154-157 '67.
- 666.5(477)—Ukrainian S. S. R.
- See, E. P., Galvornovskiy, I. A. S. - Research of heat engineers from porcelain and faience plants of the Ukrainian S. S. R. *Stek. i ker.* 24 no. 12:20-41 D '67.
- 666.5 Pottery
- Korovin, G. V., Martynova, V. M., Oskanova, A. I. - Influence of the "TNP" disperser and electrolytes on the casting properties of faience slips. *Stek. i ker.* 24 no. 12:24-26 D '67.
- 666.5(477)—Ukrainian S. S. R.
- See, E. P., Galvornovskiy, I. A. S. - Research of heat engineers from porcelain and faience plants of the Ukrainian S. S. R. *Stek. i ker.* 24 no. 12:20-41 D '67.
- 666.5 Opium and other plants
- Artyev, I. I., Vorobeyshikov, L. T., Potashnik, E. P. - Redox (red) consumption in oiler binding. *Tekhnost* 24 no. 8:3-4 N-D '68.

666.8 Urea, cement, water, concrete

Alfanyev, M. - Distance measurements of the temperature of concrete in box molds. *Bud. mat. i konstr.* 18 no. 3 43 Mr-Apr '68.

Andrichenko, A. V., Derydyov, I. S., Kharoshkov, A. A. - Analyzing the resistances to frost of the concrete in reinforced-concrete elements made according to the longitudinal-horizonal vibration method. *Energ. stroi.* no. 11/71-72 '68.

Artyashkov, G. G. - Devices determining deflections of rotary kiln shafts. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 84-85 '68.

Automation of the concrete curing process. *Bud. mat. i konstr.* 18 no. 3 44-45 Mr-Apr '68.

Baldisharov, K. I. - Studying the effect of the porosity and composition of porous concrete on the penetration velocity of ultrasonic waves. *Prin. ul'trazvuk. i izl. voln.* no. 11/13-14 '68.

Burakov, V. A., Varentsov, V. I., Shokko, G. P. - Stand for the assembly of reinforced-concrete cages for reinforced-concrete frames of 35 kv electric power transmission lines. *Energ. stroi.* no. 11/68-69 '68.

Buzargh, N. N., Akimova, T. G. - Rapid volumetric determination of sulfate ion in cement and gypsum. *Tekhnol.* 34 no. 8 7 N-D '68.

Bushev, F. P. - Slag Portland cement from the waste of electrothermal processing of phosphorus. *Tekhnol.* 34 no. 8 10-11 N-D '68.

Davyshev, A. V., Verbitskiy, I. U., Chumachenko, V. A. - Some prerequisites for obtaining cement electrochemical materials with high electric strength. *Izv. SO AN SSSR* no. 8-91-92 '68.

Dobrovych, K., Birkhovich, I. U., Birkhovich, D. - Glass-cement waterproofing. *Bud. mat. i konstr.* 18 no. 3 5-6 Mr-Apr '68.

Dobry, L. S. - Electric heating of "keramzit" perlite concrete. *Vysok. LPI* no. 10/187-188 '68.

Dobner, I. U. V. - Improving technical properties of concrete by the method of vibrational activation of concrete mixtures. *Vysok. LPI* no. 10/187-188 '68.

Chernyakov, V. - Determining the composition of a concrete mix in a plant laboratory. *Bud. mat. i konstr.* 18 no. 3 22-23 Mr-Apr '68.

Dmitriyev, A. D. - Conditions for improving heat and moist treatment of concrete in molds. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 70-71 '68.

Dolobko, T. P., Filashov, A. I., Lashko, M. G. - Potentials for lowering costs of making prefabricated reinforced-concrete parts for hydroelectric power plants of the type of the Kiev Hydroelectric Power Plant. *Energ. stroi.* no. 11/68-69 '68.

Galperin, T. I. A., Galperin, A. M. - Evaluating quality of revolving raw-material sherry. *Tekhnol.* 34 no. 8 6 N-D '68.

Ginsburg, E. M. - Cold formation in ferrocement and preventive measures. *Tekhnol.* 34 no. 8 12-13 N-D '68.

Gorbunov, S. I. U. - Erecting a hermetic plant dust chamber with the use of heat-proof keramzite concrete. *Mosk. i spets. rab. v stroi.* 26 no. 7/18-21 '68.

Ostapenko, M. G., and others. - Effective method of bleaching the white cement clinker. *Uzb. khim. slov.* II no. 8/72-74 '68.

Il'ina, K. V., Shadrina, M. M. - Stability of rotary kiln linings. *Tekhnol.* 34 no. 8 11-12 N-D '68.

Ishchenko, I. A. K. - Study in the structural mechanics laboratory of the strength and longevity of concrete. *Izv. LPI* no. 10/187-188 '68.

Kalashnikov, M. A., Kuznetsov, V. V., Kuznetsov, I. - Determination of the adhesion to steel of polyethylene compositions filled with mineral fillers, using the stratification method. *Uzb. zap. RPI* 27 no. 10/53-54 '67.

Kasaryk, O. - Improved reinforced concrete piles for overhead contact lines and street lighting. *Bud. mat. i konstr.* 18 no. 3 41 Mr-Apr '68.

Kharoshkov, A. A., and others. - Heat and moist curing of porous concrete using hot air. *Bud. mat. i konstr.* 18 no. 3 15-16 Mr-Apr '68.

Kirichenko, I. U. K., Kuznetsov, M. I., Tarasov, A. P. - Device for metering and controlling the flow of cement in a pipe. *Tekhnol.* 34 no. 8 17-18 N-D '68.

Kizilev, O. I., Artyakov, V. P. - Burned rock material on regains prop in heat-resistant concrete. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 81-82 '68.

Kobrin, M. G., Melnikov, A. A. - Machines for loading packaged cement on railroad cars. *Tekhnol.* 34 no. 8 16-19 N-D '68.

Kolchuk, V. D. - Sealing concrete mixtures for tape transportation. *Stroitel. stroi.* II no. 11/11-12 O '68.

Kolchuk, V. - Vibratory installation for gas effluents products. *Bud. mat. i konstr.* 18 no. 3 38-40 Mr-Apr '68.

Korotkiy, O., Klymentuk, M. - Estimating the heat curing regime of a reinforced concrete product by graphic simulation of the thermal process. *Bud. mat. i konstr.* 18 no. 3 24-27 Mr-Apr '68.

Korotkiy, M. E. - Machines for molding concrete tubes. *Stroitel. stroi.* 13 no. 8/24-25 '68.

Kravchenko, I. V., Kolia, E. B., Kolia, A. G. - Proper use of cement in construction work. *Tekhnol.* 34 no. 8 1-2 N-D '68.

Kucharenko, A. A. - Anchoring periodic profile reinforcement in steam cured concrete. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 80-81 '68.

Larionov, M. - Bucket for the transportation of concrete mix and industrial waste. *Bud. mat. i konstr.* 18 no. 3 3 Mr-Apr '68.

Matvey, M. A., Ponomarev, G. T. - Study of the interaction of Portland glass and Portland with alkaline silicate solutions. *Izv. AN SSSR, Geogr. mat.* 4 no. 11/1009-1012 '68.

Matveevskiy, V. L. - Formation of open porosity in heat curing concrete during its intercalation stages. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 100-101 '68.

Meinhardt production of mesh-reinforced concrete members. *Procn. stroi. i konstr. stroi.* 18 no. 4/43-45 '68.

Mishchenko, S. - Production of keramzit-perlite concrete panels for outside walls. *Bud. mat. i konstr.* 18 no. 3 5-10 Mr-Apr '68.

Mosarev, A. V. - Approximate determination of stresses in the zone of the crack of a reinforced concrete plate. *Stroitel. stroi.* 13 no. 8/16-18 '68.

Muraviov, Sh. M., Karsenkovskiy, I. S., Rakhimbayev, Sh. M. - Acid resistance of autoclaved calcium silicates. *Uzb. khim. slov.* 13 no. 4/53-54 '68.

Ochotnikov, N. S. - Production of reinforced concrete web members in vibratory molds with elastic cushioning. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 118-119 '68.

Ozygov, B., Prokhorov, S. L. - Bonding rubber of ball mouth sockets to steel flanges. *Bud. mat. i konstr.* 18 no. 3 22-23 Mr-Apr '68.

Palamar, Z. S., Tikhonov, V. A. - Effect of the acoustic activation of cement by the hydrodynamic method on temperature change of hardening cement. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 11 no. 11 1273-1276 '68.

Pavlov, V. I., Semitskiy, F. G. - Studying some properties of electrically heated thick mix of aluminum cement concrete. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 118-119 '68.

Petrova, M. P. - Selecting optimum economy method for high temperature curing of concrete in multiple mold systems. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 118-119 '68.

Polakova, R. V., Polakova, V. S., Bagilov, R. I. A. - Ultrasonic activation of polyethylene binders. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 118-119 '68.

Pravitskiy, L., Chokler, Y. - Effect of the size factor and hardening regime on the shrinkage of foamed slag concrete. *Bud. mat. i konstr.* 18 no. 3 22-23 Mr-Apr '68.

Shadrin, H. - Electrohydraulic method for cement activation. *Bud. mat. i konstr.* 18 no. 3 21-22 Mr-Apr '68.

Shastayev, I., and others. - Dust filtering attachment to the D-23 asphaltic concrete mixer. *Bud. mat. i konstr.* 18 no. 3 40 Mr-Apr '68.

Shupova, L. H., and others. - Microstructure of cement stone hardening at high temperatures. *Vysok. LPI* no. 10/187-188 '68.

Shukhin, P. G., Shukhin, M. P., Pavlov, V. I. - Purpose of the method of moist heat curing of concrete and reinforced-concrete elements taking into account the technological characteristics of the cement. *Energ. stroi.* no. 11/68-69 '68.

Shukhin, B. A. - Improving production efficiency. *Tekhnol.* 34 no. 8 31 N-D '68.

Specialists from the member countries of the Council for Mutual Economic Aid discuss the problems of the cement industry. *Tekhnol.* 34 no. 8 14 N-D '68.

Sylvestro, P., Kurylyuk, I. U. - Shorter heat curing process for reinforced concrete troughs in molds without heat insulation. *Bud. mat. i konstr.* 18 no. 3 18-19 Mr-Apr '68.

Ter-Matirosova, R. A. - Use of slag aggregates for concrete in irrigation structures. *Trudy ArmNIIVPI* 1/28-408 '67.

Timoshenko, L. L., Chernyak, L. K. - Effective method for analysis of mass gases in rotary kilns. *Tekhnol.* 34 no. 8 5 N-D '68.

Timoshenko, I. U. L. - Microkinetic characteristics of concrete. *Izv. vyz. ucheb. zav. i stroi. i arkhit.* II no. 3 170-171 '68.

Timoshenko, A. S. - Packing shafts of eccentric pumps in the construction industry. *Stroitel. stroi.* 13 no. 8 26-28 '68.

Tokmakova, S. T., and others. - Complex utilization of cement raw material. *Uzb. khim. slov.* 13 no. 5 78-79 '68.

Toropov, M. A., Logvin, L. G., Logvin, A. M. - Chemical modification of alkali halides. *Tekhnol.* 34 no. 8 8-10 N-D '68.

Vakhrushev, L. K. - Chloride binder for erecting artificial pillars. *Geogr. slov.* 14 no. 13/30-31 '68.

Vakhrushev, V. F., Plotnikov, A. M. - Controlling the stress curing cycle for reinforced-concrete elements by using ultrasound. *Energ. stroi.* no. 11/68-69 '68.

Vukobratovic, S. V., Znamenskaya, M. S. - Investigating aluminosilicate phase of Portland cement alkali. *Tekhnol.* 34 no. 8 14-15 N-D '68.

Zakharov, V. - Radiation mode of electronic heating in curing heat-insulating perlite concrete. *Bud. mat. i konstr.* 18 no. 3 18-19 Mr-Apr '68.

Zakharov, M. - New cement mixer tracks. *Bud. mat. i konstr.* 18 no. 3 44-47 Mr-Apr '68.

666.9 (471, 42)—Ulyanovsk Province

Abrazov, V. K. - Laminar labor shift of Ulyanovsk cement workers. *Tekhnol.* 34 no. 8 116 N-D '68.

667 Color Industries. Dyes. Pigments

Berezin, I. A. K., and others. - Use of pigments based on dyes for the dyeing of polyester glass-reinforced plastic. *Khim. prom. Uzb.* no. 8/8-11 N-D '68.

Onyov, V. K., Tulligsk, E. D. - Effect of capron fiber structure on the sorption kinetics of dyes. *Khim. volokn.* 18 no. 3 14-16 '68.

Ishakov, M. Kh., and others. - Oil-free polyurethane coatings based on a mixture of synthetic diisocyanate acids. *Uzb. khim. slov.* 13 no. 5 83-84 '68.

Karlovskiy, M. I., and others. - Effect of structure formation in lacquer films on coating properties. *Vysokom. sood. Ser. A* 10 no. 11/1012-1015 '68.

Kisev, V. M., Sokolova, K. S. - Effect of the hydrophobic surface of dispersed dye molecules on the kinetics of (acron dyeing). *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 11 no. 11/1277-1280 '68.

Kozlovskiy, A., and others. - Motor vehicle painting shop. *Aviatsiya.* 46 no. 10/32-34 '68.

Kozlovskiy, A. - Study of the stability of bitumen emulsions. *Trudy TPI Ser. A* no. 254/28-34 '67.

Lavshin, L. V., Mitel', I. U. A., Moshay, K. - Comparison of the association of methylene of methylene dyes in nonpolar solvents. *Vest. khim. i tekhn. Uzb.* no. 3 3 no. 6/68-71 N-D '68.

Pechkova, T. A. - Color standards are needed for high materials and coatings. *Stroitel. stroi.* 13 no. 8/14-16 '68.

Tumarkina, E. S., and others. - Study of 80% strength from sulfur liquors of cellulose-paper products in foamy conditions. *Mosk. i spets. rab. v stroi.* 26 no. 7/18-21 '68.

Zakharov, P. I., Kiselev, M. R., Shukhin, I. A. - Effect of the formation conditions of polyurethane coatings on their supercritical structure and properties. *Koll. khim.* 38 no. 8/127-130 N-D '68.

667.2 Dyestuffs and dyes

Makarov, V. A. - Chemical study of archeological pigments. *Sov. arkheol.* no. 4/224-225 '68.

668 Various organic chemical industries

Akhmedov, M. K., and others. - Determination of gels in metallic aluminum with Pyrometrol Vial. *Uzb. zap. ANU, Khim. tekhn. slov.* no. 3 33-34 '68.

Feodosia, I. A. S., Nodina, V. I. - Polarographic method for determining formalin in formalin-urea mix. *Izv. AN Mold. SSR* no. 9/104-107 '68.

Pak, M. A., Shigoria, D. N. - Spectral study of the mechanism and products of photolysis of isomers of triphenylmethane dyes. *Zhur. fiz. khim.* 42 no. 10/1694-1700 '68.

Simosov, L. L., Zolov, E. V. - Shrinkage agent for epoxide resins based on epoxidized butyl oxides. *Izv. AN Mold. SSR* no. 9/100-103 '68.

668.7 Tar distillation and products

Lomskiy, T. S., Chirchikvili, I. I. - Thermal transformation by yeast. *Arkh. AN (Uzb. SSR)* 14 no. 2/261-262 '68.

Shadrin, I. J., Zary, K. - Separation of crystalline diphenols from the total phenols of waste of tar. *Trudy TPI Ser. A* no. 254/28-34 '67.

Shadrin, I. J., Karlovskiy, K. - Synthesis of alkylated the method of alkylation in the presence of ZnO. *Trudy TPI Ser. A* no. 254/28-34 '67.

Sellars-Jado, A. D., Sellars-Jado, I. S. - Optical study of hydrocarbon functions in tarsol from products of asphalt conversion in the presence of nitric acid. *Uzb. zap. ANU, Khim. tekhn. slov.* no. 3 41-43 '68.

668.8 Synthetic organic dyestuffs

Kozlovskiy, I. A., Ilyashina, M. P., Moshay, V. F. - Extraction of brown polyvinylpyrrolidone dyes with ethyl alcohol. *Vysok. LPI* no. 10/187-188 '68.

668 Metallurgy

Adam, A. M., Kostikov, M. I. - Cap-type rotary rolling tool. *Man. i konstr.* 30 no. 8/48 '68.

Antonov, M. P. - Molding the cutting lip radius in threaded cutters. *Man. i konstr.* 30 no. 8/48-49 '68.

Polubinskiy, V. D., Ilyashina, M. P., Avdeyeva, M. G. - Metal-bond alloy die and mold parts from plastic materials. *Man. i konstr.* 30 no. 10/11-12 '68.

Kozlov, O. I., and others. - Increasing the efficiency of hard-alloy cutting tools. *Man. i konstr.* 30 no. 8/48-49 '68.

Markhasov, D. I., Melnikov, O. G. - Influence of the oxidation of molten steel on its casting properties. *Lit. prov. no. 9/24-25 '68.*

Vakhrushev, I. A., Kuznetsov, I. A. M. - Fifth All-Union Conference on Physicochemistry, Metallurgy, and Physical Metallurgy of the Ferrous Metals. *Ann. energ.* 28 no. 8/843-843 '68.

669 (471, 828)—Lipetsk Province

Kiselev, O. I., Bakharov, V. N. - Studying the stress of concrete in columns. *Mosk. i spets. rab. v stroi.* 26 no. 7/18-21 '68.

669 (471, 84)—Sverdlovsk Province

Shukhin, V. V., Kopylov, V. - Efficiency of the collection labor and lifting burdens in the workers. *Konstr. 13* no. 13/32-33 '68.

669 (479, 28)—A Fmedias S. S. R.

Avallishvili, G. B. - Ancient metallurgy center in Krivoy Karst. *Soob. AN Gruz. SSR* 60 no. 3/388-388 '68.

669 (874)—Kharkov S. S. R.

Danilov, F. A. - Effect of filling ponds in ore dressing plants on the sanitary state of the air. *Trudy Khim.-Akh. gos. med. inst.* 23/83-84 '68.

Danilov, F. A. - Sanitary and hygienic characteristics of underground water sources in tail pond areas. *Trudy Akad. Khim. gos. med. inst.* 23/87-88 '68.

Shukhin, T. M. - Sanitary and hygienic characteristics of waste waters from ore dressing plants of various metallurgy in Kazakhstan, and their effect on underground waters and water bodies. *Trudy Akad. Khim. gos. med. inst.* 23/80-81 '68.

000.017 Physical metallurgy

- Altshuler, V. M. - Nature of secondary dislocations observed in silicon after diffusion. *Fiz. tver. tela* 10 no. 4:1125-1130 Ap '68.
- Chis, M. B., Mikhailov, I. G. - Absorption of sound in steel semiconductors. *Fiz. v red. zhur. eksp. i teor. fiz.* 6 no. 5:224-228 S '68.
- Khrin, D. M. - Absorption spectrum of vanadium dioxide below the semiconductor-metal transition point. *Fiz. tver. tela* 10 no. 12:2077-2080 D '68.
- Kukharuk, I. U. A., Shpil'der, S. S. - Constitutional diagrams of high-alloy, chromium-nickel austenitic-ferrite steels for thin-walled castings. *Trudy LPI* no. 295:23-27 '68.
- Korik, V. S. - Applicability of the method of simplex lattice in studying phase diagrams. *Zav. lab.* 34 no. 10:1232-1237 '68.
- Sivak, V. I., Mikhov, M. A. - Effect of the rate of deformation and alloying on the hardening of iron to brittle destruction. *Trudy BSHGA* 84:280-283 '68.
- Bozhik, O. M., and others. - Determining the phase boundaries of steel systems V-Cr and Fe-Cr. - All using the method of diffusion layer with application of local X-ray diffraction analysis. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 23 no. 6:101-103 M-D '68.
- Vasil'kovskii, D. M., Zakharov, I. V. - Electric transfer and the effect of alloying in molten steel. *Fiz. tver. tela* 10 no. 12:2040-2045 D '68.

000.018 Alloys with particular properties. Castable metals

- Bozhik, O. M. - Heat treatment of "hardening" particles. *Vysok. LPI* no. 10:187-191 '68.
- Bozhik, O. M., Gerasimov, I. B. - Effect of conditions of melting and pouring of the K100 alloy on the properties of cast turbine blades. *Trudy LPI* no. 295:184-187 '68.
- Klimova, M. N. - Critical temperatures and the character of crystallization of heat-resistant alloys of the "Ni-Mo-Cr" type and certain nonferrous forming molybdenum-hardened alloys. *Trudy LPI* no. 295:61-69 '68.
- Gerasimov, I. B., Koshkareva, N. P. - Founding properties of certain high-alloy steels. *Trudy LPI* no. 295:117-121 '68.
- Osia, L. V., Pankushin, L. A., Tatarsky, A. S. - Heat resistance of metal-base alloys. *Trudy LPI* no. 295:104-107 '68.
- Lobedev, K. P., and others. - Research and investigation of cast heat-resistant steel PKh1 for working temperatures of up to 800-750°C. *Trudy LPI* no. 295:143-148 '68.
- Lobedev, K. P., Koshkareva, N. P., Odnov, S. M. - Research and investigation of cast austenitic heat-resistant steels with various hardening elements. *Trudy LPI* no. 295:33-44 '68.
- Mikhailov, I. G., Peras, A. I. A. - High temperature unit for determining the strength limit of oxide ceramics under flexure. *Zav. lab.* 33 no. 7:585-587 '68.
- Kukharuk, I. U. A., Fu Heng-chia, Khoroshilov, V. G. - Investigating the heat-resistant broad M10V21M alloy. *Trudy LPI* no. 295:73-80 '68.
- Kukharuk, I. U. A., Lobedev, K. P. - Heat-resistant austenitic alloys with an addition of aluminum for temperatures of 800-870°C. *Trudy LPI* no. 295:87-94 '68.
- Kukharuk, I. U. A., Lobedev, K. P., Koptsov, I. V. - Effect of vacuum melting and pouring on the founding properties of alloys determined by means of a complex specimen. *Trudy LPI* no. 295:104-110 '68.
- Kukharuk, I. U. A., Shpil'der, S. S. - Certain problems in the theory of alloying of heat-resistant alloys in the cast state. *Trudy LPI* no. 295:1-23 '68.

000.046 Heating processes

- Bello, B. T., Popov, A. T., Druzhynin, V. M. - Melting of condensed indium films of subcritical thickness. *Fiz. tver. tela* 10 no. 12:2057-2070 D '68.

000.1 Ferrous metals. Iron. Steel

- Asat'yan, A. S., Narov, V. S., Shoroborov, M. Kh. - Influence of alloying elements on kinetics of transformation of austenite during the welding of bainite reinforcing steels. *Metallurg. i term. obr. met.* no. 10:11-15 O '68.
- Bobakov, A. A., and others. - Mechanical properties of Kh14G10T steel at -223°C. *Metallurg. i term. obr. met.* no. 10:44-47 O '68.
- Bolshakov, V. R., Chernobrovkin, V. P. - Laser shrinkage of ferrite lamellae in iron castings. *Trudy LPI* no. 295:117-121 '68.
- Bobakov, A. A. - Self-setting suspension systems for working with heavy loads for lining blast-furnace shafts. *Proiz. strel. i mash. soor.* 10 no. 4:5-11-Ag '68.
- Kolod, G. M., Gerasimov, T. I., Latsko, A. I. - Effect of Cu and La on the austenoid transformation of austenite in steel open for discussion. *Lit. protv.* no. 2:38-40 S '68.
- Bolshakov, V. R., Brown, M. P. - Investigating the structure, phase constitution and properties of cast PKh1 and PKh2 steels. *Trudy LPI* no. 295:184-187 '68.
- Berdikov, K. P., Zilina-Konopavskii, A. I. - Principles of finding new whole-sale prices for ores and fluxes of ferrous metallurgy. *Obor. red.* 18 no. 1:84-85 '68.
- Witt, R. M., Bolshakov, V. R. - Finishing and cold-chamber heat treatment (over 300 mm in dia.) of hardened-steel machine parts. *Vest. mashinost.* 48 no. 12:64-68 '68.
- Brown, M. P., Shok, I. U. A. - Influence of rare-earth metals on the crystallization of steel. *Lit. protv.* no. 2:37-38 S '68.
- Chernobrovkin, V. P. - Semi-automatic device for cast iron quality control in the course of smelting. *Trudy LPI* no. 295:104-110 '68.

- Danilevskii, S. P. - Cutting forces during turning of magnetic steels. *Stal. i lustr.* 33 no. 7:38-37 Ji '68.
- Dagilov, V. I. - Adhering to the requirements of a standard guarantee high-quality production. *Stand. i kach.* 33 no. 11:78 N '68.

- Droz, M. S., Sapozhnikov, V. S., Slavskii, I. I. - Increasing the accuracy of the dynamic method of determining the hardness of steel. *Zav. lab.* 34 no. 10:1243-1246 '68.
- Kukharuk, I. U. A., Gerasimov, I. B. - Constant precipitation of bromine on steel from acid electrolytes. Report No. 2: Effect of the surface active agents on constant exchange. *Khim. tekhn.* no. 8:118-122 '67.
- Gerasimov, I. B., Ovsienko, I. U. V. - Switching characteristics of thin-film pyroelectric elements. *Trudy BSHGA* 84:280-283 '68.
- Gerasimov, I. B., Zharikov, G. P., Druzhynin, V. G. - Manufacture of magnetic matrices by drawing a fiber over an evaporator. *Trudy BSHGA* 84:280-283 '68.
- Gerasimov, I. B., Zharikov, G. P., Druzhynin, V. G. - Prospects of using cast alloys of drilling elements. *Lit. protv.* no. 2:37-38 S '68.
- Gerasimov, I. B., Levits, M. M., Tatarsky, A. A. - Using secondary magnesian alloys in the production of high-strength cast iron. *Lit. protv.* no. 2:42-44 M '68.
- Gerasimov, I. B., Korotkiy, G. V. - Properties of austenitic manganese steel alloyed with carbide formers. *Metallurg. i term. obr. met.* no. 10:27-31 O '68.
- Gerasimov, I. B., Shpil'der, S. S. - Effect of sulfur on solidification properties of austenitic cast iron. *Vys. veshch. sav. i mashinost.* no. 6:101-103 M-D '68.
- Odnov, S. M., Palkina, A. M. - Influence of nickel on mechanical properties and critical acid brittleness of low carbon steel. *Metallurg. i term. obr. met.* no. 10:24-28 O '68.
- Lobedev, K. P. - Increasing the strength and wear resistance of distributing shafts in nodular cast iron. *Lit. protv.* no. 2:37 S '68.
- Lobedev, K. P., and others. - Stability of austenite in some Fe-Cr-Mn alloys at low-temperature deformation. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Kofe, A. I., Golov, V. M. - Effect of ultrasonic waves on the structure of alloys high in addition elements. *Trudy LPI* no. 295:123-125 '68.
- Kukharuk, I. U. A. - Effect of the composition and rate of preheating of pig iron on its superheating. *Trudy LPI* no. 295:123-125 '68.
- Kukharuk, I. U. A., Shpil'der, S. S. - Contact copper plating of carbon and stainless steel. *Khim. tekhn.* no. 8:118-122 '67.
- Kukharuk, I. U. A., Karimov, V. P., Brakara, R. - Determination of the adhesion to steel of polyethylene compositions filled with mineral fillers using the stratification method. *Uch. zap. RPI* 27 no. 10:123-125 '67.
- Kukharuk, I. U. A., Karimov, V. P., Mikhailov, Ch. M. - Internal stresses and adhesion to steel of filled polyethylene. *Uch. zap. RPI* 27 no. 10:123-125 '67.
- Kukharuk, I. U. A., Korotkiy, G. V. - Effect of calcination during crystallization on the structure and properties of iron castings for the petroleum and chemical industries. *Khim. tekhn. i mashinost.* 48 no. 12:64-68 '68.
- Kukharuk, I. U. A., and others. - Selecting an efficient assortment of cast iron pipes for casting on centrifugal and semi-centrifugal installations. *Lit. protv.* no. 2:37-38 S '68.
- Kukharuk, I. U. A. - Slow heating during the smelting of nodular cast iron. *Lit. protv.* no. 2:37-38 S '68.
- Kukharuk, I. U. A., Korotkiy, G. V. - Production of nodular cast iron by injecting magnesium powder into the melt. *Lit. protv.* no. 2:37-38 S '68.
- Kukharuk, I. U. A., Gerasimov, I. B. - Decarburization of steel in salt baths. *Metallurg. i term. obr. met.* no. 10:24-28 O '68.
- Kukharuk, I. U. A., Pashkov, P. O., Iavov, A. A. - Mechanical properties of high-strength bimetallic steels. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Kukharuk, I. U. A., Krichko, L. A. - Photocolorimetric determination of cerium in steel. *Zav. lab.* 33 no. 7:585-587 '68.
- Kukharuk, I. U. A. - Machineability of steels in the grinding process. *Vest. mashinost.* 48 no. 12:64-68 '68.
- Kukharuk, I. U. A., Gerasimov, I. B. - Accuracy of the measurement of temperature of Q13 steel with an optical pyrometer. *Lit. protv.* no. 2:37-38 S '68.
- Kukharuk, I. U. A., and others. - Effect of electrochemical polishing on physico-mechanical properties of the surface layer of 18Kh19T2A steel and 80 steel described by ferromagnetic. *Khim. tekhn.* no. 8:118-122 '67.
- Kukharuk, I. U. A., Lobedev, K. P. - Mechanical properties of Kh14G10T steel at liquid-hydrogen temperature. *Metallurg. i term. obr. met.* no. 10:44-47 O '68.
- Kukharuk, I. U. A., and others. - Automatic mold pouring on conveyor. *Lit. protv.* no. 2:37-38 S '68.
- Kukharuk, I. U. A. - Influence of the tempering prior to hardening on the wear resistance of Q13 steel. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Kukharuk, I. U. A., Asat'yan, A. A. - Characteristics of structure formation in vacuum-treated iron. *Trudy LPI* no. 295:104-110 '68.
- Lobedev, K. P. - Conditions of magnesium in molten cast iron. *Lit. protv.* no. 2:37 S '68.
- Levi, L. I., and others. - Correlation of indices of bending strength and tensile strength of gray iron. *Vest. mashinost.* 48 no. 12:64-68 '68.
- Marichev, R. I., Sidelskii, O. G. - Influence of the oxidation of molten steel on its casting properties. *Lit. protv.* no. 2:37-38 S '68.
- Mikhailov, Ch. M., Shpil'der, S. S., Gerasimov, I. U. A. - Effect of plastic strain-deformation on the corrosion-resistance of Kh14G10T austenitic-martensite steel. *Khim. prom. Ukr.* no. 8:123-125 M-D '68.
- Melodiyev, M. S. - Investigating the cutting process of high-manganese steels. *Stal. i lustr.* 33 no. 7:38-37 Ji '68.

- Mikhailov, I. U. A., Shpil'der, S. S. - Constitutional diagrams of high-alloy, chromium-nickel austenitic-ferrite steels for thin-walled castings. *Trudy LPI* no. 295:23-27 '68.
- Mikhailov, I. U. A., Borkovskii, I. U. X. - Studying chromium steels after continuous cooling at various rates. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Mikhailov, I. P., Ostrov, D. D., Paganov, K. V. - Welding of transformer steels with a three-phase arc. *Svar. protv.* no. 8:22-23 Ag '68.
- Pavlova, L. M., Gerasimov, I. B. - Hardening of structural steels with small additions of nitrogen, vanadium and aluminum. *Metallurg. i term. obr. met.* no. 10:22-26 O '68.
- Pavlova, L. M., Drosdov, I. A., Shpil'der, S. S. - Metallographic methods for determining a decarburized layer of high-speed steel. *Zav. lab.* 34 no. 10:1198-1198 '68.
- Nosenko, I. A. - Increasing the strength of cold blanking dies in carbon steel, and decrease of warping during hardening. *Metallurg. i term. obr. met.* no. 10:178-180 O '68.
- Shpil'der, S. S., Dekker, B. D., Parat, L. M. - Arc plasma coating of stainless steels. *Energ. stroi.* no. 15:98-73 '68.
- Shpil'der, S. S. - Corrosion cracking of steel: a topic for discussion. *Khim. i mashinost.* no. 10:22-24 O '68.
- Mikhailov, I. U. A., Chernobrovkin, V. P. - Effect of carbon on the linear shrinkage of steel castings. *Trudy LPI* no. 295:104-110 '68.
- Mikhailov, I. U. A., Chernobrovkin, V. P. - Relation of the linear shrinkage of castings to steel decarburization. *Trudy LPI* no. 295:104-110 '68.
- Shpil'der, S. S., and others. - Increasing the resistance to cracking of medium-carbon and low-alloy steels. *Lit. protv.* no. 2:37 S '68.
- Mikhailov, I. U. A., and others. - Properties of PKh13L steel with martensitic structure. *Metallurg. i term. obr. met.* no. 10:178-180 O '68.
- Shpil'der, S. S., Shpil'der, S. S. - Overheating of structural steels. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Mikhailov, P. V., Pankushin, L. A. - High-strength steel with a low content of nickel for large forgings. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Mikhailov, P. V., Boroditskiy, A. I. - Terminology problems in the standardization of steel. *Stand. i kach.* 33 no. 11:78 N '68.
- Mikhailov, P. V. - Prediction of large steel chill castings. *Lit. protv.* no. 2:37 S '68.
- Mikhailov, P. V., Shpil'der, S. S. - Using exothermic sleeves for heating risers on steel casting castings. *Lit. protv.* no. 2:37 S '68.
- Tovpenets, M. S., Mikhailov, P. V., Kofe, A. I., and others. - Effect of dehydrogenation annealing on the properties of 40Kh and 40Kh2M steels. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Shpil'der, S. S. - All-Union scientific and technical conference on the theory and practice of producing castings in nodular cast iron. *Lit. protv.* no. 2:37 S '68.
- Mikhailov, P. V. - Steels and alloys for cryogenic machinery. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Mikhailov, P. V., Kofe, A. I., and others. - Heat treatment of high-speed steels in molten glass. *Stal. i lustr.* 33 no. 8:41 Ag '68.
- Vashchuk, K. I., and others. - Casting crucibles in magnesium iron for K-680 motor-cyclist engines. *Lit. protv.* no. 2:37 S '68.
- Vasil'ev, L. - In the alliance with progressive technology. *Ma. stroi. i mash. soor.* 9 no. 10:3-4 O '68.
- Vinogradov, V. N., Korotkiy, G. V., Korotkiy, V. A. - Studying the wear of metals impacting with loose abrasive material. *Vys. veshch. sav. i mashinost.* 48 no. 12:64-68 '68.
- Vinogradov, V. N., and others. - High-temperature thermomechanical treatment of 4-Kh steel on the "Sibir" forging hammer. *SO AN SSSR* no. 3:123-125 Y '68.
- Kukharuk, I. U. A. - Determination of the composition of nonmetallic inclusions in steel treated by rare earth elements. *Zav. lab.* 33 no. 7:585-587 '68.
- Kukharuk, I. U. A., Kofe, A. I. - Recrystallization diagram of low-density chromium-nickel heat-resistant steel. *Metallurg. i term. obr. met.* no. 10:184-187 '68.
- Zharikov, G. P., Ovsienko, I. U. V. - Magnetic properties of films condensed on polymeric and metal substrates. *Trudy BSHGA* 84:280-283 '68.
- Kukharuk, I. U. A. - Influence of the components of cast iron on its tendency to graphitization. *Lit. protv.* no. 2:37 S '68.
- Kukharuk, I. U. A., Zharikov, G. P. - Susceptibility of thin magnetic films and nonuniformity of magnetic structure. *Trudy BSHGA* 84:280-283 '68.

000.1(471.311)—Moscow Province

- Borisova, G. - Labor productivity and economic work in an enterprise. *Sots. i ekon. nauch.* 13 no. 12:44-45 D '68.

000.1(471.8)—Ural regions

- Bolshakov, V. R., Kuznetsov, A. P., Chernobrovkin, V. P. - Effect of melting conditions on the gas content in cast iron. *Trudy LPI* no. 295:104-110 '68.
- Bobakov, K. V. - Party guidance of the communist labor movement in enterprises of ferrous metallurgy, 1968-1969. *Otechestv. nauch.* no. 11:14-23 '67.

000.1(477)—Ukrainian S. S. R.

- Bagrit, N., Mikhovskii, L., Dubov, B. - Building a scale separation tank for the "353-4" high-melting steel mill. *Proiz. strel. i mash. soor.* 9 no. 3:4-5 My-Je '68.

677 (Continued)

Tekst. prom. 23 no. 12:1-1 D '88.

Troshchenko, S. I., and others. - Auxiliary parts for machines of the continuous cotton-spinning line. Tekst. prom. 23 no. 12:33-34 D '88.

Ushakov, I. A. - Moisture measuring device for continuously spinning fibers. Tekst. prom. 23 no. 12:43-44 D '88.

Ushakov, V. S., Tarasov, V. L., and others. - Effect of elasticity of the striking lever of the STB loom on the shaft speed. Izv. vyz. zhuk. sav. mashinostr. no. 7: 75-78 '88.

Vladimirov, B. M., Molodtsov, V. A., Dobrov, A. A. - Experience in the modernization of the opening and twisting machines. Tekst. prom. 23 no. 12:30-32 D '88.

Vorobey, G. A., Kharshov, M. K. - Experience in using new machinery at the preparation department of a weaving plant. Tekst. prom. 23 no. 12:34-37 D '88.

Vostokov, A. V. - Built-up of planned capacities. Tekst. prom. 23 no. 12:17-18 D '88.

Works of Professor N. A. Vasiliev 1970-1984. Tekst. prom. 24 no. 12:74-78 D '88.

Kaderil, E. E. - Equation for the calculation of dressing of a flat carding machine. Lek. prom. 9 no. 8:6-10 8-0 '88.

Zakharov, M., and others. - Stained-glasslike panels made from polyester glass reinforced plastics. Mash. i avtomat. 10 no. 3:16-17 Mr-Apr '88.

Zakharov, A. I., Zakharov, M. E. - Device for the qualitative evaluation of auxiliary articles and parts of textile machinery. Tekst. prom. 23 no. 12:88-89 D '88.

677(471, 514)—Vladimir Province

Vorobey, P. G. - New fabrics of the Kirzhach Silk Plant. Tekst. prom. 23 no. 12:33-35 D '88.

677(471, 515)—Ivanovo Province

Lashkov, T. - Light and shadow of the city of weavers. Sov. mtr. 43 no. 3:133-135 Ag '88.

Polukhov, F. M. - Experience of a collective enterprise in the increase of labor productivity. Tekst. prom. 23 no. 12:4-5 D '88.

677(471, 531)—Kalinin Province

Isaev, M. - Improving the assortment of fabrics. Sov. mtr. 43 no. 3:16-17 Mr-Apr '88.

677(471, 532)—Krasnodar Territory

Mirzoevskii, I. - The trade union factory committee raises its tone. Sov. profsoyuzy 24 no. 11:81 M '88.

677(474, 5)—Moscow S. S. R.

Vladimirov, I. N. - Operational experience of the textile and knit goods industry in the Krasnodar S. S. R. Tekst. prom. 24 no. 12:7-10 D '88.

677(474, 3)—Lithuania S. S. R.

The "Riga textile" factory produces high quality products. Tekst. prom. 23 no. 12:33-34 D '88.

677(474, 5)—Lithuania S. S. R.

Krasnaya, A., Rezelinskas, G. - Finishing of knit-stitch knitted fabrics manufactured from cellulosic fibers. Tekst. prom. 23 no. 12:54-56 D '88.

677(474, 5)—White Russian S. S. R.

Tolstova, S. - Interest paid for credit and reducing the turnover of documents. Fin. mtr. 43 no. 12:61-62 D '88.

677(477)—Ukrainian S. S. R.

Dashko, M. - Preparations for the anniversary of Lenin's birth. Tekst. prom. 24 no. 12:4-5 D '88.

Kozak, K. M., Frankel, L. B. - Production of semiwoolen knit-stitch knitted fabrics. Lek. prom. 9 no. 8:64-66 8-0 '88.

Lisavskii, M. E. - Experience in the study of workability with temporary disability in connection with tuberculosis of the respiratory organs in workers of the Kiev Artificial Fiber Plant. Prom. tek. 43 no. 10:11-13 '88.

Mafta, U. F., Malinivskiy, V. A. - Measuring of air moisture in drying machines. Lek. prom. 9 no. 8:21-22 8-0 '88.

677(477, 5)—Ukraine Ukraine

Kisil, P. - Textile manufacturing based on hand labor in Odessa, second half of the 18th century-first half of the 19th century. Vyskyt. L'viv. un. Ser. Ist. no. 4:11-18 '87.

677(477, 5)—Ukraine Ukraine

Alimovskii, S. S., Alimovskii, S. M., Petukhov, N. V. - Formation of high-strength polyester fiber. Khim. volok. 10 no. 6:18-19 '88.

Berlin, A. A., Shuster, L. M., Berkman, I. A. P. - New polyester in film-forming substances for coating fibrous materials. Vyskyt. L'viv. un. Ser. Ist. no. 16:66-68 '88.

Chibcherin, I. U. L., Kabanik, V. P., Kostromin, V. M. - Improved design for increased section in the double-ventilation system for machines of the spinning plant. Khim. volok. 10 no. 6:64-67 '88.

Dashkovskaya, F. G., Makina, M. D. - Determination of acrylonitrile in water by thin-layer chromatography. Khim. volok. 10 no. 6:68-70 '88.

Dreshnina, T. V., Kozlov, A. A. - Properties of grafted polyethylene copolymers with poly-1-methyl-1-vinylpyrrolidone. Khim. volok. 10 no. 6:69-70 '88.

Fainberg, M. E., Melnikov, M. V. - Study of the structure of cellulose fiber by the kinetics of water vapor sorption. Khim. volok. 10 no. 6:71-72 '88.

Filicheva, T. V., and others. - Finishing of viscose textile yarn by the K-3 brightening preparation. Khim. volok. 10 no. 6:73-74 '88.

Griachenko, A. Z., Bakhtenko, O. V., Danilova, G. I. - Mathematical study of temperature effect on the polymerization of acrylonitrile. Khim. volok. 10 no. 6:75-76 '88.

Gusev, V. E., Abramov, V. V. - Centrifugal method for the production of coarse twisted yarn from synthetic low fiber. Tekst. prom. 23 no. 12:30-32 D '88.

Gusev, V. E., Talyskiy, Z. D. - Effect of capron fiber structure on the kinetics of dye sorption. Khim. volok. 10 no. 6:77-78 '88.

Isaeva, V. I., and others. - Improved wear-resistance of polypropylene single fibers. Khim. volok. 10 no. 6:79-80 '88.

Kalinina, T. N., and others. - Water-resistant polyvinylalcohol fibers. Khim. volok. 10 no. 6:81 '88.

Kaziev, D. Y., and others. - Device for the determination of single viscose fiber electrical conductivity. Khim. volok. 10 no. 6:83-84 '88.

Kavaliyeva, R. I., and others. - Fibers made from secondary cellulose acetate modified by a graft of polymethacrylic acid. Khim. volok. 10 no. 6:85-86 '88.

Konstantinova, O. I., Sofronova, I. A., Blizner, A. M. - Varied copolymers with increased water resistance. Khim. volok. 10 no. 6:87-88 '88.

Kostikova, N. B., Molodtsov, E. M. - Study of cellulose polydispersion by the method of fractional precipitation in a cellulose ethylene diamine complex. Khim. volok. 10 no. 6:89-90 '88.

Kudryavtsev, G. I., Shchegolev, A. M. - Heat-resistant fibers. Khim. volok. 10 no. 6:91-92 '88.

Mashkov, M. S., Orlovskaya, V. A. - Study of mechanical stresses originating in coagulating polyacrylonitrile thread. Khim. volok. 10 no. 6:93-94 '88.

Molodtsov, M. P. - Automation of the unit for tempering of softened water. Khim. volok. 10 no. 6:95 '88.

Mukhin, L. M., Koroleva, V. R. - Effect of sulfonic nitrobenzene and cyclohexanone oxime impurities on the quality of -acrylonitrile. Khim. volok. 10 no. 6:96-97 '88.

Norikova, S. A., Ivanova, R. S. - Methodology for the study of synthetic fiber structure at deformation. Khim. volok. 10 no. 6:98-99 '88.

Oprita, O. V., Raschikov, A. V. - Use of NPD devices in the equipment for the control and recording of deep vacuum. Khim. volok. 10 no. 6:101-102 '88.

Polukhov, I. U. A., Dykov, A. M., Boroditska, V. F. - Production of acrylonitrile copolymers. Khim. volok. 10 no. 6:103-104 '88.

Popov, S. P., Antipova, R. V., Ushakov, S. V. - Drying of viscose fibers during drying in a free state. Khim. volok. 10 no. 6:105-106 '88.

Phenylene, a heat-resistant fiber. Khim. volok. 10 no. 6:107 '88.

Pleschakov, M. G., and others. - Thermooxidation of polypropylene. Khim. volok. 10 no. 6:109-110 '88.

Romanova, T. A., Potokovskaya, M. B., Adler, I. U. P. - Use of statistical methods for experimental planning during the study of the technological process. Khim. volok. 10 no. 6:111-112 '88.

Selin, A. M., Mirin, P. I. - Equilibria between carbon disulfide and hydrogen sulfide in the production of viscose textile thread. Khim. volok. 10 no. 6:124-125 '88.

Serov, A. T., Popov, S. G., Babushkina, A. V. - Mechanism of single fiber breaking during the formation of viscose cord. Khim. volok. 10 no. 6:126-127 '88.

Shchukin, P. A. - Evaluation of methods for the calculation of viscose flow in cylindrical channels. Khim. volok. 10 no. 6:128-129 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:130 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:131 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:132 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:133 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:134 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:135 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:136 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:137 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:138 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:139 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:140 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:141 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:142 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:143 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:144 '88.

677, 4(477)—Ukraine S. S. R.

Malboroda, I. N. - Adoption of a new technology at the Chernigovskiy Combines. Khim. volok. 10 no. 6:83-84 '88.

677, 4(477, 3)—Bulgaria

Dinov, K. - Synthetic fibers in Bulgaria. Khim. volok. 10 no. 6:81-82 '88.

677, 4(477, 14)—Novosibirsk Province

Malikina, Z. A., Ovsobachko, M. G. - Effect of the surface treatment of synthetic fibers on some properties of felt boots. Tekst. prom. 23 no. 12:47-49 D '88.

677.71 Conspicuous: rope, twine, string
Orlov, V. F., Gorbunovskiy-Gordon, A. I., Sharov, I. U. - Experimental determination of stresses in frames of cable-twisting machines. Izv. vyz. zhuk. sav. mashinostr. no. 8:84-85 '88.

Shafar, I. S., and others. - New circuit for the electric drive of cord-manufacturing spinning machines. Khim. prom. Ukr. no. 6:80-81 N-D '88.

677.8 Textile dyeing, printing, and finishing

Berezanets, M. P., Tsybuzenko, T. I. A. - Developing the shape-holding property of products of the clothing industry. Lek. prom. 9 no. 8:56-60 8-0 '88.

Dmitriev, I. I. - New unit for dyeing of yarn on bothies. Tekst. prom. 23 no. 12:83 D '88.

Dyrolakht, I. V., Koldanenko, S. G., Sushak, B. D. - Methods for the production of permanent folds in semiwoolen fabrics. Tekst. prom. 23 no. 12:88-89 D '88.

Filicheva, T. V., and others. - Finishing of viscose textile yarn by the K-3 brightening preparation. Khim. volok. 10 no. 6:73-74 '88.

Griachenko, A. Z., Bakhtenko, O. V., Danilova, G. I. - Mathematical study of temperature effect on the polymerization of acrylonitrile. Khim. volok. 10 no. 6:75-76 '88.

Kostikova, N. B., Molodtsov, E. M. - Study of cellulose polydispersion by the method of fractional precipitation in a cellulose ethylene diamine complex. Khim. volok. 10 no. 6:89-90 '88.

Kudryavtsev, G. I., Shchegolev, A. M. - Heat-resistant fibers. Khim. volok. 10 no. 6:91-92 '88.

Mashkov, M. S., Orlovskaya, V. A. - Study of mechanical stresses originating in coagulating polyacrylonitrile thread. Khim. volok. 10 no. 6:93-94 '88.

Molodtsov, M. P. - Automation of the unit for tempering of softened water. Khim. volok. 10 no. 6:95 '88.

Mukhin, L. M., Koroleva, V. R. - Effect of sulfonic nitrobenzene and cyclohexanone oxime impurities on the quality of -acrylonitrile. Khim. volok. 10 no. 6:96-97 '88.

Norikova, S. A., Ivanova, R. S. - Methodology for the study of synthetic fiber structure at deformation. Khim. volok. 10 no. 6:98-99 '88.

Oprita, O. V., Raschikov, A. V. - Use of NPD devices in the equipment for the control and recording of deep vacuum. Khim. volok. 10 no. 6:101-102 '88.

Polukhov, I. U. A., Dykov, A. M., Boroditska, V. F. - Production of acrylonitrile copolymers. Khim. volok. 10 no. 6:103-104 '88.

Popov, S. P., Antipova, R. V., Ushakov, S. V. - Drying of viscose fibers during drying in a free state. Khim. volok. 10 no. 6:105-106 '88.

Phenylene, a heat-resistant fiber. Khim. volok. 10 no. 6:107 '88.

Pleschakov, M. G., and others. - Thermooxidation of polypropylene. Khim. volok. 10 no. 6:109-110 '88.

Romanova, T. A., Potokovskaya, M. B., Adler, I. U. P. - Use of statistical methods for experimental planning during the study of the technological process. Khim. volok. 10 no. 6:111-112 '88.

Selin, A. M., Mirin, P. I. - Equilibria between carbon disulfide and hydrogen sulfide in the production of viscose textile thread. Khim. volok. 10 no. 6:124-125 '88.

Serov, A. T., Popov, S. G., Babushkina, A. V. - Mechanism of single fiber breaking during the formation of viscose cord. Khim. volok. 10 no. 6:126-127 '88.

Shchukin, P. A. - Evaluation of methods for the calculation of viscose flow in cylindrical channels. Khim. volok. 10 no. 6:128-129 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:130 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:131 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:132 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:133 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:134 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:135 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:136 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:137 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:138 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:139 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:140 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:141 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:142 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:143 '88.

Strokhov, V. A. - 50th birthday of Mikhail Grigorievich Grigorovskii. Khim. volok. 10 no. 6:144 '88.

- Borovskii, V.R. - Establishing a method for separating low molecular compounds and monomers from capron crumb. *Khim. mashinost.* no. 7 67-70 '88.
- Borovskii, V.R., and others. - Unit for moist-heat processing of synthetic fibers during the production of rubber on a single-process machine. *Khim. mashinost.* no. 7 70-74 '88.
- Borovskii, V.R., Shala, A.B., Sapozov, V.A. - Connection between creep curves and stress-strain diagrams of polymers. *Mekh. polim. [Riga]* no. 5 787-793 8-O '88.
- Chernykh, I.I., Pirov, A.K., Orzechanski, M.A. - Study of thermal and physical properties of polypropylene. *Khim. mashinost.* no. 7 84-84 '88.
- Orzechanski, M.A., and others. - Effect of grafted chain length and homopolymer on the properties of graft copolymers. *Vysokom. soed. Ser. A* 10 no. 12 2743-2753 D '88.
- EDL4 high-frequency welding press. *Khim. mashinost.* no. 7 48-48 '88.
- Kapay, V.D., Borovskii, L.A. - Kinetics of styrene polymerization in the presence of isoprene. *Khim. prom. Ukr.* no. 6 13-15 N-D '88.
- Khilashvili, L., Tskitishvili, M. - Rheology of filled polyethylene resins at periodic shear. *Mekh. polim. [Riga]* no. 5 827-832 8-O '88.
- Germishe, A., Lashchinski, V.A. - Relation between rheological characteristics of tetrafluoroethylene polymer determined in different conditions of loading and temperatures. *Mekh. polim. [Riga]* no. 4 819-824 '87.
- Germishe, A.A., Lashchinski, V.A., Lipovskii, V.I.A. - Dependence of the rheological characteristics of filled polypropylene on the amount of filling, conditions of loading and temperature. *Mekh. polim. [Riga]* no. 5: 863-868 8-O '88.
- Chapman, R.M., and others. - Synthesis of polyorganometallic compounds with branched chains consisting of silicon and germanium atoms. *Dokl. AN SSSR* 343 no. 3 332-345 '88.
- Gercik, B.M., Fedotina, G.L., Mikhlin, M.A. - Calculation of the changeability of Poisson coefficient in studies of the stressed state of rubber parts. *Mekh. polim. [Riga]* no. 4 783-788 '87.
- Orzechanski, M.A., Lashchinski, V.V., Korol, P.V. - Mechanical properties of plasticized film-forming agents based on chlorinated polymers. *Mekh. polim. [Riga]* no. 5 844-848 8-O '88.
- Gubarev, A.I. - Potential energy of the deformation of polymer molecules in nonlinear approximation. *Mekh. polim. [Riga]* no. 4 808-814 '87.
- Germishe, V.R., Lashchinski, V.V. - Effect of aggressive media on strength characteristics of glass-reinforced plastics. *Mekh. polim. [Riga]* no. 4 787-788 '87.
- Ovchinnikov, M.S. - Manufacture of pattern equipment from plastics. *Lk. prot. no. 3 144* '83.
- Isaeva, L.V., Mikheeva, L.P. - Dependence of light scattering on the angle in polymer solutions. *Vysokom. soed. Ser. A* 10 no. 12 2777-2783 D '88.
- Isaeva, M.L. - Alkyd resins based on products of paraffin oxidation. *Khim. prom. Ukr.* no. 6 4-6 N-D '88.
- Dyl, E. - Strength of elastoplastic solidifying alloys. *Mekh. polim. [Riga]* no. 5 867-868 8-O '88.
- Kargis, V.A., and others. - Tensile deformation of KCF-10 rubber studied by means of electron microscope. *Dokl. AN SSSR* 343 no. 3 374-378 '88.
- Karlakina, M.L. and others. - Effect of structure formation in isoprene films on coating properties. *Vysokom. soed. Ser. A* 10 no. 12 2818-2828 D '88.
- Karlakina, M.M., and others. - Effect of structure formation on the properties of polymeric coatings from phenol alkyd resins. *Vysokom. soed. Ser. A* 10 no. 12 2798-2778 D '88.
- Karimova, I. - Flow in an extruder. *Mechanics liquid. Fluidity.* *Mekh. polim. [Riga]* no. 5 823-828 8-O '88.
- Kitigorodskii, A.L. - Calculation of conformations and packing of molecules in crystals by means of store-atoms potentials. *Vysokom. soed. Ser. A* 10 no. 12 2858-2871 D '88.
- Kozlov, I. - Effect of initial imperfections on equilibrium states of elastoplastic plates. *Mekh. polim. [Riga]* no. 5 867-868 8-O '88.
- Korotkii, M.I., and others. - Change in mechanical properties of coatings under the effect of structural transformations proceeding in amorphous polymeric films. *Mekh. polim. [Riga]* no. 5 771-776 8-O '88.
- Koshchikova, I.M., Kuznetsov, M.M. - Use of osmotic measurements in determination of mean molecular weight of polymers by the dynamic method. *Vysokom. soed. Ser. A* 10 no. 12 2801-2808 D '88.
- Koshchikova, I.M., Kuznetsov, M.M., Rasmussen, K.A. - Study of mass, area, and flexibility of macromolecules of some polyethylenes. *Vysokom. soed. Ser. A* 10 no. 12 2784-2788 D '88.
- Kozlov, M.L., Gorbunov, M.A., Dmitrieva, M.A. - Studying the acoustic properties of polymers by the pulse method. *Pril. k Khim. i Tekh. Mashinost.* no. 5 61-67 '83.
- Kozlov, M.A. - Certain cases of asymmetric deformations of thermoplastic materials in a viscoelastic medium. *Khim. mashinost.* no. 7 38-38 '88.
- Krasovskii, K.P. - Calculating the induction heating of work gear processes during processing polymer materials. *Khim. mashinost.* no. 7 48-51 '88.
- Kuznetsov, A.M., and others. - Study of the remanent strain of rubber-olefin constructions based on capron. *Mekh. polim. [Riga]* no. 4 743-744 '87.
- Kozlovskii, V., Mikhlin, A. - Fatigue and failure of stabilized polypropylene. *Mekh. polim. [Riga]* no. 4 713-718 '87.
- Lake, L.A., Kovalevskii, E.V. - Effect of molecular weight on stress-strain properties of oriented amorphous polymers. *Mekh. polim. [Riga]* no. 4 870-888 '87.
- Lepik, I.U., Sakharov, R. - Supercritical stage of plates having lost their stability beyond the elastic limit. *Mekh. polim. [Riga]* no. 5 841-848 8-O '88.
- Lova, B.I.A., Serikskii, A.V., Denisheva, V.P. - Dependence of the strength of polyethylene and capron on the degree of orientational drawing. *Mekh. polim. [Riga]* no. 4 858-865 '87.
- Lipavskii, I.U. - Effect of boundary surface on the synthesis and structure of three-dimensional polymers. *Vysokom. soed. Ser. A* 10 no. 12 2737-2743 D '88.
- Lipavskii, I.U., Khochim, R.P., Gusev, E.S. - Role of complex formation in solution polymerization of unsaturated oligomers in the presence of SnCl_4 and TiCl_4 . *Vysokom. soed. Ser. A* 10 no. 12 2753-2763 D '88.
- Litvinov, V.O. - Normal strains in certain steady flows of polymers. *Gidromekhanika i teoriya spruzh.* no. 6 44-50 '87.
- Litvinov, G.A. - Ornamental films based on combined resins. *Khim. prom. Ukr.* no. 12 36-37 D '87.
- Litvinov, I.U., and others. - Investigating the cooling mode of film during the upward blow-out production process. *Khim. mashinost.* no. 7 43-48 '88.
- Magurov, M.A., Oshchep, L. - Possibility of determining the degree of polypropylene stereoregularity by means of IR spectroscopy. *Uch. khim. zhur.* 13 no. 4 34-38 '83.
- Melinskii, I.U.M. - Relaxation and structure formation in thin polymer layers. *Vysokom. soed. Ser. A* 10 no. 12: 2883-2883 D '88.
- Melisko, A., Vashchenko, L. - Synthesis of the rheology of polymers. *Mekh. polim. [Riga]* no. 5 863-864 8-O '88.
- Melisko, L.M. - Compression of orthotropic prints. *Mekh. polim. [Riga]* no. 5 860-865 8-O '88.
- Mishin, V.M., Gromov, A.M. - Mechanical method for studying the kinetics of the diffusion of liquid polymers under compressive stress. *Mekh. polim. [Riga]* no. 4 744-748 '87.
- Margolis, G.G. - Mechanics of elasticity in bending of thin samples from an unidirectional glass-reinforced plastic. *Mekh. polim. [Riga]* no. 4 737-740 '87.
- Mikhlin, M.V. - Structural polydispersion of rigid chain polymers. *Vysokom. soed. Ser. A* 10 no. 12 2703-2713 D '88.
- Mikhlin, M.V. - Optimum winding of glass-reinforced plastic shell subjected to external pressure and axial compression. *Mekh. polim. [Riga]* no. 4 864-875 8-O '88.
- Mikhlin, T.S., and others. - Thermal degradation of polyethylenes with heteroatoms in the chain modified with low-molecular weight additives. *Vysokom. soed. Ser. A* 10 no. 12 2783-2784 D '88.
- Mikheeva, G.V., Lashchinski, V.A., Ushakov, Kh.U. - Study of the molecular structure of different cellulose compounds modified with formaldehyde. *Vysokom. soed. Ser. A* 10 no. 12 2785-2800 D '88.
- Moskvin, M.P., and others. - Destruction in polymers in the case of a limiting load under laser radiation. *Fiz. tver. tela* 10 no. 12 3761-3768 D '88.
- Moskvin, A.F., and others. - Machinery for the production of films for fibers from low-density polyethylene. *Khim. prom. Ukr.* no. 6 35-38 N-D '88.
- Papkov, E.P. - Structural characteristics of polymers obtained from concentrated solutions. *Vysokom. soed. Ser. A* 10 no. 12 2801-2804 D '88.
- Pis, M.A. - Role of chemical and structural effects in the modification of polymers. *Vysokom. soed. Ser. A* 10 no. 12 2850-2860 D '88.
- Poma, D., and others. - Mechanosensitization of modification of some polymers by acid anhydrides. *Uch. zap. RPI* 27 no. 10 37-43 '87.
- Potapov, V.M., Krut, L., Dynda, V. - Definition of parameters of the fractional exponential nucleus during relaxation of amorphous rubber in shear. *Mekh. polim. [Riga]* no. 5 823-827 8-O '88.
- Pondrikov, O.F., Begel', V.R. - Use of a mass-spectrometer in studying the kinetics of plastic cracking and kinetics of growth of main cracks. *Fiz. tver. tela* 10 no. 12 3684-3690 D '88.
- Prosvirina, V.L. - Change of the work of brittle failure at the impact bending of polymers material (DKEOV under stress). *Mekh. polim. [Riga]* no. 4 868-708 '87.
- Prosvirina, V.L. - Role of PMAA supermolecular structure in the morphology of fracture and its features introduced by mode of loading. *Mekh. polim. [Riga]* no. 5 778-783 8-O '88.
- Polina, A., Urzhumtsev, I.U.S. - Thermal creep of polyethylene under cyclic temperature effect. Part II: Uniaxial tension. *Methods of tests and experimental data.* *Mekh. polim. [Riga]* no. 4 878-888 '87.
- Begel', V.R., Chernyi, M.K., Bobkov, T.B. - Effect of ultraviolet radiation on stress relaxation rate in polymers. *Mekh. polim. [Riga]* no. 4 883-888 '87.
- Begel', V. - Apparatus for thermomechanical tests of polymers. *Mekh. polim. [Riga]* no. 5 840-845 8-O '88.
- Rubinskii, D.D., Rukhovich, D.D. - Universal algorithm in polymer mechanical analysis and their calculation methods. *Khim. mashinost.* no. 7 30-37 '88.
- Rosa, A., Kozlov, T. - Strength of rods made of glass reinforced fibers. *Mekh. polim. [Riga]* no. 5 820-827 8-O '88.
- Rudakov, A.P., Bezukov, M.L. - Dependence of elastic characteristics of polymers on deformation and stress relaxation. *Fiz. tver. tela* 10 no. 12 3610-3630 D '88.
- Sakharov, T.A., Alkhochayev, B.I. - Chemical classification of elastomer triacetate. *Uch. khim. zhur.* 13 no. 4 43-44 '83.
- Samoilov, G.G., Tomshevskii, E.N. - Kinetics of photo-destruction of stressed polymers. *Fiz. tver. tela* 10 no. 4 1004-1007 Ap '88.
- Semenov, L.P., and others. - Spectral study of the polymerization of butadiene-styrene rubber with formaldehyde resins. *Zhur. fiz. khim.* 62 no. 12 2843-2847 '88.
- Skolova, A.M., Astasa, V.P. - Condition of comparison of orthogonally reinforced plastics under tension. *Mekh. polim. [Riga]* no. 5 844-852 8-O '88.
- Stolinskii, G.L., Astashevskii, A.A., Logvinenko, V.L. - Thermomechanical method for the determination of molecular weights of amorphous linear polymers. *Mekh. polim. [Riga]* no. 4 888-895 '87.
- Sokolovskii, Ch.A., Kape, X.P., Vasilovich, I.R. - Use of polymers as plasticizers during molding of polyvinyl chloride. *Uch. zap. RPI* 27 no. 10 38-38 '87.
- Stratonova, M.M. - Calculation of one-dimensional creep of polymers in stepwise loading. *Mekh. polim. [Riga]* no. 4 871-878 '87.
- Strain, Z., and others. - Synthesis of graft cellulose polymers from a mixture of methyl methacrylate and lauric acid. *Uch. khim. zhur.* 13 no. 4 40-41 '83.
- Tatarsky, A.M., Barilov, G.M. - Apparatus for studying the temperature-time dependence of the adhesion of polymers to solids. *Mekh. polim. [Riga]* no. 5 780-787 '87.
- Tvor, E.A., and others. - New butyl rubber vulcanizing agents. *Uch. zap. RPI* 27 no. 10 38-38 '87.
- Troshchinskii, E.B., Nivichev, P.U., Kozlovskii, I.U.V. - Effect of elevated temperatures on the strength of hardened resins and materials based on them. Part I: Effect of elevated temperatures on the strength of glass-reinforced plastics. *Mekh. polim. [Riga]* no. 5 812-818 8-O '88.
- Urzhumtsev, I.U.S., Melinskii, R.D. - On the rheology analogy. *Mekh. polim. [Riga]* no. 5 703-708 8-O '88.
- Urzhumtsev, I.U.S., Polina, A., Kozlovskii, R. - Approximation of relaxation spectra. *Mekh. polim. [Riga]* no. 4 880-888 '87.
- Vinogradov, G.V., Melisko, A.A., Shushchik, V.F. - Thermodynamic properties of uniaxially reinforced rubbers as elastomers in the case of plasticized butyl rubber. *Vysokom. soed. Ser. A* 10 no. 12 2778-2781 D '88.
- Vlasov, V.P. - Resistance of tubes made of hard polyvinyl chloride to variable lateral pressure. *Mekh. polim. [Riga]* no. 4 747-749 '87.
- Kasharov, M.D., Ignatova, E.L. - Sublytic acids: their derivatives as active substances in vulcanization of polyethylenes. *Uch. zap. RPI* 27 no. 10 38-38 '87.
- Zargirovskii, V.K., Shcherba, I.A. - Mechanical properties of complicated plastic articles. *Mekh. polim. [Riga]* no. 5 878-878 '88.
- Zhigalov, I.G. - Experimental evaluation of the effect of preliminary two-directional stretching of films on some elastic constants of glass laminates. *Mekh. polim. [Riga]* no. 5 850-853 8-O '88.
- Kobov, P.L. - Structural correlations in polymer dielectric losses. *Vysokom. soed. Ser. A* 10 no. 12 2701-2710 D '88.
- Kobov, P.L., and others. - Modification of cellulosic trade with grafted polypropylene. *Vysokom. soed. Ser. A* 10 no. 12 2829-2834 D '88.

678.4 Rubbers and natural macromolecules

- Alshov, V.R., and others. - Analysis of reduced natural and butadiene-styrene rubbers by means of pyrolytic gas chromatography. *Zhur. fiz. khim.* 62 no. 12 2843-2847 '88.
- Kargis, V.A., and others. - Tensile deformation of KCF-10 rubber studied by means of electron microscope. *Dokl. AN SSSR* 343 no. 3 374-378 '88.
- Samoylov, P.A., Barilovskii, I.U.A. - Automatic regulation of the thickness of cast rubber during its calendaring process. *Avtom. kont. i reg. v khim. prom.* no. 3 323-330 '88.
- Saidov, M.M., Orzechanski, V.V. - Compressibility of the ethylene-propylene elastomer with unsaturated diene. *Azerb. khim. zhur.* no. 5 45-51 '83.
- Sever, I.U.S., Golberg, L.L., Borzhenskaya, A.Y. - The role of the diffusion of aggressive medium during the failure of strained rubbers. *Mekh. polim. [Riga]* no. 4 788-793 '87.

678.5 Plastics

- Ankova, V., Skolova, A. - Effect of the inelasticity of glass fiber on long-time strength of reinforced plastics under uniaxial tension along fibers. *Mekh. polim. [Riga]* no. 4 710-720 '87.
- Berezhnaya, I.A., and others. - Use of pigments based on dyes for the dyeing of polyester glass-reinforced plastics. *Khim. prom. Ukr.* no. 6 38-38 N-D '88.
- Cherch, M.V., Gerasimovich, B.M. - Automatic device for the inspect testing of plastics. *Zhur. fiz. khim.* 62 no. 12 2843-2847 '88.
- Danilov, V.I., Dynda, V.I. - Improving the working conditions in the glass-reinforced plastic industry. *Vysokom. soed. Ser. A* 10 no. 12 2778-2781 D '88.
- Golberg, B.B., Rosenbaum, A.O. - Latex cement covers. *Prots. i prot. mashinost.* no. 8 173-178 '83.
- Gladstein, R.L. - Imperfection in the case of synthetic materials in the construction of prosthetic appliances. *Prots. i prot. mashinost.* no. 8 171-173 '83.

cont. (Continued)

- 678.0 Synthesis polycondensates: resins, films, etc.**
- Akshina, A.I.A., Arslanov, M.M., Gmirev, V.L. - Study of the mechanical properties of glass formaldehyde plastic under tension and compression normally to the plane of the plastic film. *Mekh. polim. [Riga]*, no. 5, 93-94, 8-10 '68.
- Besova-Mikhailova, V.G. - Strength of bond between the resin and chloroplast at different temperatures. *Vestn. mashinostri.*, 48 no. 11:44-46 D '68.
- Makhsheva, M.I., Orlov, V.N. - Technological And Mechanical efficiency of the use of new calibrating elements with a hollowed in the production of tubes from thermoplastic. *Khim. prirois. [Msk.]*, no. 6:40-54 D '68.
- Orlov, V.N., Karnilov, I.D. - Technological and economical effectiveness of a system of automatic control and regulation (stabilization) of the thickness of plastic pipe walls. *Khim. i nefte. mashinostri.*, no. 10:34-35 O '68.
- Ostrikov, M.A., and others. - Shrinkage stresses and deformations of crosslinked structures of cellulose acetate. System cellulose acetate - dioxane - water. *Koll. zhur.*, 30 no. 6:171-174 N-D '68.
- Peterburgskii, A.V., Tsvetkov, M.M., Degtyarev, I.P. - Stability of plastics kept in fertilizers and acid soil solutions. *Dokl. Tbilisi*, no. 133:289-294 '68.
- Petrov, A.L. and others. - Functionalization of acetoacetate-cellulose esters and synthesis of graft copolymer on their basis. *Uzh. khim. zhur.*, 12 no. 4:44-49 '68.
- Rudakov, N.P., Kuznetsov, H.V. - Use of High Diffusion method to studying the solution of PVC in plastic. *Vysnyy Kyiv. nauch. i tekhn. zhurn.*, no. 6:40-46 '68.
- Sokolov, L.S. - Possibility of determination of the shear modulus of glass reinforced plastic by means of large four-link plates. *Mekh. polim. [Riga]*, no. 5, 93-94, 8-10 '68.
- Tsimel'din, G.A., Chernin, D.B. - New materials for instruments. *Pril. k inst. zapr.*, no. 6:12-14 D '67.
- Volkov, B.D., Monist'yan, V.M. - Theory of thermodynamic stress in the reinforced plastic. *Mekh. polim. [Riga]*, no. 5:222-223 D '68.
- Zaslavsky, N., and others. - Plastic-glasslike sheets made from polyester glass-reinforced plastic. *Inzh. i ust. konstr.*, 10 no. 4:11-12 Mr-Apr '68.
- Zelenov, R.V., Novikov, A.O. - Equipment for the study of creep, stress relaxation and dynamic properties of polymers. *Zuv. lab.*, 34 no. 10:1260-1262 '68.
- 678.1 Synthetic polycondensates: resins, films, etc.**
- Avalise, P., Macrelli, G. - Study of plasticizing properties of plastic acid esters. *Ital. rap. RPT*, 27 no. 10:80-84 '67.
- Barkala, V.P. - Calculation of the cost of synthesis of polymers by experiments. *Khim. prirois. [Msk.]*, no. 6:44-48 D '68.
- Fal'mana, I.A.R., Prukh, V.L. - Polar-polarographic method for determining lactural in lactural-urea resins. *Izv. AN Mold. SSR*, no. 5:104-107 '68.
- Hider, L.M. - Morphology of animal tissues following implantation of epoxy and benzene. *J. Biol. Med. Sci. Philad. [Philad.]*, 40 no. 4:177-184 '68.
- Lashov, N.F., and others. - Chloroform polymerization coatings based on a mixture of synthetic dicarboxylic acids. *Uzh. khim. zhur.*, 12 no. 4:57-60 '68.
- Rezer, J.D.M., and others. - Gelling and casting wood with phenol-formaldehyde formaldehyde resins. *Izv. vyz. ucheb. zav. i inst. Lening. [Lening.]*, 11 no. 2:144-147 '68.
- Sharov, G. - Calculation of glass-reinforced plastics manufactured together with a structural analysis. *Mekh. polim. [Riga]*, no. 5:198-200 D '68.
- Shchegolev, I., Repanova, V. - Influence of cyclic asymmetry on optical strength of polymers. *Mekh. polim. [Riga]*, no. 5:94-95 D '68.
- Karpel'son, M.M., and others. - Effect of structure formation on the properties of polymeric coatings from glycerol alkyd resins. *Vysokom. med. fiz.*, A 10 no. 12:768-776 D '68.
- Kolesnikov, G.B., Kozlov, G.I.A., Chai, Z. et al. - Synthesis and study of polyacrylates. *Vysokom. med. fiz.*, A 10 no. 12:767-770 D '68.
- Rubinsk, V.V., Bogdanov, R.V., Kalitov, N.D. - Polycondensation of the carbanates of amides of α -amino acids. *Uzh. khim. zhur.*, 12 no. 2:31-34 '68.
- Mamedov, V.M., Iskhannov, M.A., Kashimov, H.M. - Study of the hindrance effect on chemical properties of polyamide polymers. *Azerb. khim. zhur.*, no. 5:41-46 '68.
- Nosira, A.H. - TAVAN used recommended by us in Malaysia. *Jour. Inst. Tech. Univ. Malaya*, no. 4, 1-20 '68.
- Oliver, K., Kinder, E., Gilmer, F. - Reaction of dihydroxy compounds with formaldehyde. *Trudy Tbilisi*, A no. 14:10-17 '67.
- Smirnov, L.I., Zolotov, R.V. - Hardening agent for epoxide resins based on epoxidized methyl ester. *Izv. AN Mold. SSR*, no. 5:100-103 '68.
- Storiel, A., Hauskapp, H. - Studying the methods of the synthesis of ethyl phenol-formaldehyde resins. Report I. Studying the methods of the synthesis of vinyl ethers of phenol-formaldehyde novolac resins in aqueous medium in the presence of alkali. *Trudy Tbil. Ser. A*, no. 93:33-46 '68.
- Toka, A., and others. - Problems of the stabilization of polyoxides. *Uzh. rap. RPT*, 27 no. 10:5-17 '67.
- Zabov, P.I., Kiselev, M.N., Sakharov, I.A. - Effect of the formation conditions of polyester coatings on their supermolecular structure and properties. *Koll. zhur.*, 30 no. 5:227-230 N-D '68.
- Agalimov, I.M., Il'minov, I.D. - Acoustic materials and structural members made with the help of polymeric coating. *Izv. vyz. ucheb. zav. i inst. Lening. [Lening.]*, 11 no. 2:144-147 '68.
- Alliboyev, V.R., and others. - Analysis of mixtures of natural and bakelite styrene rubbers by means of pyrolytic chromatography. *Zuv. lab.*, 34 no. 10:1258-1262 '68.
- Alekseyev, M.A., and others. - Synthesis of graft copolymer of collagen with vinyl polymers. *Uzh. khim. zhur.*, 12 no. 4:48-49 '68.
- Dask, A.Y., Alekseyev, M.A., Shakhmurov, M. - Synthesis of graft copolymers of collagen in the presence of sodium. *Uzh. khim. zhur.*, 12 no. 4:42-45 '68.
- Rudakov, A.A. - Characterization of changes in some features of peripheral blood in workers of synthetic rubber industry. *Azerb. med. zhur.*, 45 no. 12:38-49 D '68.
- Terlin, A.A., and others. - Thermomechanical and thermogravimetric study of the crystallization of dibenzocyclobutene oligoalkylene glycols and oligoalkylene glycol-formaldehyde and tetraol polymer thermostats. *Vysokom. med. fiz.*, A 10 no. 12:762-769 D '68.
- Winkler, V., Barthele, H. - Working large polyethylene papers. *Pross. tech. Inform. [Munich]*, no. 2:24-27 Mr-Apr '68.
- Fatima, I., and others. - Chemical stability of polyethylene compositions applied for manufacturing plastic coated metal sheet. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- El'mov, A.A., and others. - Concentration of liquid hydrocarbons through polyethylene films. *Moskov. prof. khim. tekhn.*, no. 4:112-115 '67.
- Gerasimova, L. - Connection between internal friction and the structure of polyvinylchloride membranes. *Mekh. polim. [Riga]*, no. 5:843-848 D '68.
- Gribkova, M.A., Akshina, R.V., Kostov, P.V. - Mechanical properties of plasticized film-forming agents based on chlorinated polymers. *Mekh. polim. [Riga]*, no. 5:843-848 D '68.
- Kudarenko, B.R., and others. - Pyrolysis of a paraffin binder obtained for the production of films. *Vysnyy Kyiv. nauch. i tekhn. zhurn.*, no. 6:40-46 '68.
- Lyapunov, I., Kampe, J., Turpinica, V.D. - Degradation of filled polyethylene of low density in continuous medium. *Uzh. rap. RPT*, 27 no. 10:45-49 '67.
- Kayser, H.V., Bergius, Z.A., Dorofeyev, N.A. - Synthesis and polymerization of methacrylic triethylpropionates. *Izv. AN Mold. SSR*, no. 5:107-108 '68.
- Kasova, L., Ganapova, V. - Influence of cycle asymmetry on the strength of polymers. *Mekh. polim. [Riga]*, no. 5:94-95 D '68.
- Khalina, M., and others. - Elastic properties and possible areas of application of plastic coated metal sheet based on filled compositions of polyethylene. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- Khalina, M., Khalikova, Y., Mikhailevich, Ch.M. - Internal stresses and deformation of filled polyethylene. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- Khalina, M., Khalikova, Y., Mikhailevich, Ch.M. - Determination of the structure of filled polyethylene compositions filled with mineral fillers using the stratification method. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- Khalikova, M., and others. - Study of the structure for osmium and mechanical properties of filled polyethylene in aging process. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- Kopp, R.T., Glensk, E.L., Akhmedov, K.K. - Effect of polyethylene of a different degree of hydration on dissolution processes of H_2O_2 in water. *Uzh. khim. zhur.*, 12 no. 5:55-58 '68.
- Lavrenko, G.M., Farikhina, M.I., Karlov, V.V. - Study of the effect of thermal treatment of films on ultimate formation and mechanical properties of polyethylene. *Ital. rap. RPT*, 27 no. 10:81-88 '67.
- Lipatova, P.I., Khoshchik, B.I., Zhukov, S.B. - Role of complex formation in cationic polymerization of unsaturated oligomers in the presence of lactyl and allyl. *Vysokom. med. fiz.*, A 10 no. 12:770-773 D '68.
- Lavkina, I.A., Korotkova, L.M., Stepanov, M.A. - Effect of the nature of alkyl group of 3-allylmethylated butadiene on viscoelastic and tensile properties of polymers obtained by polymerization with lithium naphthalenyl. *Mekh. polim. [Riga]*, no. 5:89-90 '67.
- Magnusson, M.A., Garbow, L. - Possibility of determining the degree of polypropylene stereoregularity by means of Raman spectroscopy. *Uzh. khim. zhur.*, 12 no. 4:1-4 '68.
- Mel'nikov, M.M., Hashimov, A.H. - Experimental study of the effect of ionizing radiation on the molecular weight of polymers. *Azerb. med. zhur.*, 47 no. 12:40-41 '68.
- Musaev, U.H., Usmanov, Kh.U., Dzhabov, T.M. - Analysis and study of the properties of graft copolymers of polyacrylate with methacrylic acid. Report No. 1. Effect of the radiation dose on grafting. *Uzh. khim. zhur.*, 12 no. 2:40-43 '68.
- Poon, H., and others. - Study of the strength of systems filler solution of polyethylene in the presence of ionizing radiation. *Ital. rap. RPT*, 27 no. 10:83-84 '67.
- Usnik, I.S., Karpenev, G.R. - Study of effect of isolating systems permeable organic acids and on the kinetics of polymerization. *Izv. vyz. ucheb. zav. i inst. Lening. [Lening.]*, 11 no. 1:175-177 '68.
-

- (-ax) dx on computers. Zhur, struk. inzh. 3 okt
648-443 3-D 93.
- Koblenko, B. H. - Cybernetics and art. Radiotekhnika
i elektronika 1984, 29, 12, 2181-2184, 21 figs, 20 refs.
- Kozlov, V. A. - Analysis of errors in the calculation of
mean-square distances and correlations between signals
using their values at equidistant points. Trudy Vsesoyuznogo
nauchno-issledovatel'skogo tsentra po teorii i matematicheskim
metodam obrabotki informatsii, avt. no. 100-103 40.

881, 1 (Continued)

- Kim, V. A. - Analytical determination and analysis of the structure of signals undistorted by uniform distribution. *Trudy Sem. "Kasp. obr. i konstr. chit. avt. i. 1980-84"* 1981.
- Kirilyay, I. V., Vereshchagin, S. L. - Principles of the organization of a stack memory. *Vych. tekhn. v mash. 11* 1980-84 1981.
- Kirilyay, I. V., Vereshchagin, S. L. - Structural variant of a read-write type (BAM) computer. *Vych. tekhn. v mash. 11* 1980-84 1981.
- Korotkiy, A. M. - Small cybernetic electronic machines for pedagogic research. *Uch. zap. MGPI 11* 30-48 1982.
- Korotkiy, A. M. - Dynamic modeling of network optimization problems. *Trudy Sem. "Spets. elektron. mod. mash. i avt." no. 1* 28-38 1982.
- Korotkiy, A. M. - Dynamic modeling of stochastic processes. *Trudy Sem. "Spets. elektron. mod. mash. i avt." no. 1* 39-41 1982.
- Korotkiy, A. M., Chernov, V. A., Drabov, V. V. - Study of the operation of extreme signal indicators using d.c. amplifiers. *Trudy Sem. "Spets. elektron. mod. mash. i avt." no. 1* 42-48 1982.
- Lashin, L. M., Pavlova, N. A. - Algorithmization of algorithmic breakdown of simulators. *Vych. tekhn. v mash. 11* 30-34 1981.
- Lebedev, A. V., Tolokinski, N. M. - BBA high-speed measuring equipment. *Pril. i sist. opr. no. 9* 17-19 8 1981.
- Lebedev, V. A. - Elements of the logic of reflexive games. *Probl. tekhn. kibernet. no. 4* 173-180 1980.
- Lebedev, V. A., Nokinov, S. P. - Selection of a read-out and coding system for one class of computing networks. *Trudy LPI no. 38* 167-170 1981.
- Lipkin, M. I. and others. - Development and use of a universal program of multiple regression analysis. *Izv. vuz. 34* no. 10 1233-1236 1981.
- Litvak, L. L. - Some results of the evaluation of the discriminability and readability of electrochromatic display units. *Probl. tekhn. kibernet. no. 4* 89-94 1980.
- Litvak, L. L. and others. - New types of electrochromatic signal indicators and some results of the evaluation of their readability. *Trudy Sem. "Fiz. i tekhn. vop. kib." no. 2* 44-48 1981.
- Lobanov, A. M. - Use of an electronic computer in determining the elements of photograph orientation based on the control points. *Izv. vyz. uch. sav. i good. i avt. no. 6* 73-80 1980.
- Lyskov, V. T., Nemedi, E. M., Semakov, O. L. - Method for redundancy in the MDSU unit. *Vych. tekhn. v mash. 11* 169-172 1981.
- Makharin, G. V., Rakovskiy, A. G. - Algorithmic determination of the location of flat supports in the designing of machine tool devices. *Vych. tekhn. v mash. 11* 48-50 1981.
- Makhomov, V. A., Bavel'ev, V. P. - Modeling of constant characteristics during their cognition. *Probl. tekhn. kibernet. no. 4* 200-211 1980.
- Mikhailovskiy, I. V. - Consideration of the correct exchange in studying internal overvoltages using electronic digital computers. *Trudy LPI no. 38* 113-124 1981.
- Mislovskiy, P. M. and others. - Silicon microcircuit matrices. *Polim. tekhn. i mikroelek. no. 3* 138-144 1981.
- Mitveev, V. I. and others. - Using electronic digital computers for dynamic balancing of mining machines. *Sborn. trud. IOMTK no. 18* 44-52 1982.
- Molokhin, V. P. - Design of pulse current shaping devices using transistors for ferrite-core circuits. *Trudy LPI no. 38* 106-112 1981.
- Molokhin, V. P., Tarasov, V. I. - Pulse current shaping device with regulated inductance of an output inductor. *Trudy LPI no. 38* 118-125 1981.
- Morozov, A. M. and others. - Selecting parameters of an electrical model in modeling torques. *Uch. zap. MGPI 11* 321-321 1981.
- Mukha, I. A., Mink, L. M., Penin, I. U. A. - Algorithms of matrix formation for kinematic coefficients of molecules. *Zhur. prikl. spekt. 9* no. 118-125 1 1981.
- Muraviev, A. A. - Modernization of the ship computer "Deep-1". *Kharp. - Inform. Mor. gidrofiz. inst. AN URSS no. 9* 142-144 1981.
- Muraviev, A. A. - Organization of serving external divisions in the data processing system. *Kharp. - Inform. Mor. gidrofiz. inst. AN URSS no. 9* 147-150 1981.
- Muraviev, A. A., Shermans, V. P. - Transducer for indicating the saw of a vessel. *Kharp. - Inform. Mor. gidrofiz. inst. AN URSS no. 9* 175-177 1981.
- Nokrasov, M. M., Lavrinovich, V. V., Plakhotny, N. V. - Study of wideband piezoelectric transducers. *Trudy Sem. "Fiz. i tekhn. vop. kib." no. 2* 80-85 1982.
- Nokrasov, M. M., Marchenko, V. A., Plakhotny, N. V. - Piezoelectric multiplying element. *Trudy Sem. "Fiz. i tekhn. vop. kib." no. 2* 86-88 1982.
- Nokrasov, B. P., Stepanov, V. A. - Increasing the reliability of current distribution networks. *Trudy LPI no. 38* 195-198 1981.
- Orlovskiy, A. G., Borshkin, A. M. - Construction of an instrumental model of a system controlling discrete production using computing equipment. *Pril. i sist. opr. no. 9* 17-19 8 1981.
- Orlovskiy, V. M., Shilakovskiy, M. I. - Automatic input of information in the data processing system. *Kharp. - Inform. Mor. gidrofiz. inst. AN URSS no. 9* 147-148 1981.
- Orlovskiy, V. M., Shilakovskiy, M. I. - Automatic output tables (computers) in the data processing system. *Kharp. - Inform. Mor. gidrofiz. inst. AN URSS no. 9* 148-149 1981.
- Orlovskiy, V. M., Volkov, A. A., Melnik, N. G. - Use of a polyadic operator in evaluating psychological features of an operator in a "man-machine" system. *Probl. tekhn. kibernet. no. 4* 187-190 1980.
- Oseko, V. V. - Use of ternary logic in the synthesis of binary logical circuits. *Trudy Sem. "Vop. teoz. KTRM" no. 1* 18-19 1980.
- Oselov, S. N. and others. - Using electrostatic digital computers for the study of airflow in stepped-out areas worked by retreating with a counterflow ventilation system. *Sborn. trud. IOMTK no. 18* 44-52 1982.
- Osis, I. A., IA. - Electric measuring equipment and computers in automatic diagnostics. *Kib. i diag. no. 1* 3-7 1980.
- Ovchinnik, A. I., Shurman, A. M. - Evaluation of the error of abbreviated division. *Metod. vych. no. 2* 133-147 1980.
- Parakeev, A. M. - Principles in the modeling of an associative memory. *Probl. tekhn. kibernet. no. 4* 216-223 1980.
- Parashinskiy, V. A. - Continuous digital integrator using ferrite-transistor elements. *Pril. i sist. opr. no. 9* 17-19 8 1981.
- Pavlovskiy, A. L. - Synthesis of (1, K)-terminal switching networks using electronic computers. *Vych. tekhn. v mash. 11* 10-23 1981.
- Pollakov, V. P., Sharnin, I. U. K. - Contactless device for the realization of threshold logical functions and its use in automatic systems. *Izv. vyz. uch. sav. i elektron. tekhn. no. 1* 131-136 8 1980.
- Polov, A. E. - Laboratory rotameter. *Pril. i sist. opr. no. 9* 14-16 8 1981.
- Popov, A. A. and others. - Organization of statistical treatment and analysis of data in a medical information system. *Trudy Sem. "Tek. probl. kibernet. i avt. elektron. v kib. i med." no. 1* 28-31 1980.
- Rubinskiy, V. P. - Psychological analysis of prospects for the automation of a decoding process. *Probl. tekhn. kibernet. no. 4* 244-251 1980.
- Rudakov, M. M., Kirichenko, I. E., Zaitseva, E. M. - Device for controlling the flow of free-flowing materials. *Pril. i sist. opr. no. 9* 121-124 8 1981.
- Rybak, V. I., Tchern, O. P. - Photoelectric converter of an optical data processing unit with a digital computer. *Trudy Sem. "Kasp. obr. i konstr. chit. avt. i. 1980-84"* 1981.
- Sakharov, S. L. - System for interrupting the "Dnestr" control computer manufactured in 1980. *Izv. vyz. uch. sav. i elektron. tekhn. no. 1* 131-136 8 1980.
- Sazonov, K. V. - Semi-automatic device for measuring air temperature. *Izv. vyz. uch. sav. i mikro. i kibernet. no. 1* 123-128 1980.
- Semenko, I. U. K. - Calculating roots of polynomial degree three and degree four with "Ural-3" electronic digital computers. *Sborn. trud. IOMTK no. 18* 36-37 1982.
- Shafar, L. S. and others. - New device for the electric drive of coordinate-measuring machine. *Khark. pr. i avt. no. 6* 60-61 M-D 1981.
- Shalyba, I. V., Sazonov, S. V. - Calculation of dynamic characteristics of aerial detectors. *Izv. vyz. uch. sav. i elektron. tekhn. no. 1* 178-183 8 1980.
- Shamrov, P. G. - Evaluation of psychological features of the operator of a "man-machine" system. *Probl. tekhn. kibernet. no. 4* 171-188 1980.
- Shchegolev, A. M. - Evaluation of the error of approximate multiplication. *Metod. vych. no. 2* 133-147 1980.
- Shchegolev, A. L. - Mathematical analysis and electronic computers in the organization of construction. *Metod. vych. no. 2* 148-149 8 1980.
- Shcheplov, I. G. - Construction of systems for dimensional sorting of components using the "Zapret" operation. *Izv. vyz. uch. sav. i kib. i avt. no. 1* 103-110 1981.
- Shcherbakov, K. M. - Study of possibilities for automatic text reading from the Japanese patent journal "Tokio kobo". *Kib. po. tekhn. kib. no. 1* 140-141 1980.
- Shchukhin, V. E., Buravlev, V. V. - Device for the automatic control of percentage content of the binder in a glass plastic. *Izv. vyz. uch. sav. i elektron. tekhn. no. 1* 171-175 8 1980.
- Shchukhin, V. P. - Accuracy of the estimation of polyadic features in the analysis of electrical networks using electronic digital computers. *Elektr. i avt. no. 6* 63-64 M-D 1980.
- Shklyay, A. I. - Electrode-type level indicators. *Pril. i sist. opr. no. 9* 121-124 8 1981.
- Shchukhin, A. F., Borisev, S. V., Solov'eva, L. P. - Program of the determination of Barber - Cooper inequality system on a large computer. Two-dimensional case. *Zhur. strukt. kib. 3* no. 4 458-471 11-12 1981.
- Shimov, A. M. - Model stability of logical circuits being parametrized. *Trudy LPI no. 38* 103-106 1981.
- Sorokov, B

681.2 (Continued)

- In the Central Administration of the Scientific and Technical Society of the Instrument Industry, Pribo-ro-stroenie no. 8:27 Ag '68.
- Koptsev, P. P. - Effect of the rolling of a ship on the readings of a two-gyroscope compass with pendulum and electromagnetic correction. Izv. vuz. ucheb. zav., fiz. 11 no. 11:63-69 '68.
- Koshlakov, V. N. - Equations and conditions for the non-disturbance of pendulum gyroscopes. Mash. i ver. tekh. no. 13:11-12 My-Je '68.
- Kovalev, M. P. - Calculation of the displacement of the center of a gyroscope rotor with purely axial load and tiltable covers. Izv. vuz. ucheb. zav., fiz. 11 no. 13:71-78 '68.
- Kushnir, G. F. - It is necessary to regulate the standards of nonstandard measuring equipment. Izv. tekh. no. 18: 51-52 O '68.
- Lavrentik, I. I., Makovskii, V. A., Otkov, G. M. - Control of the surface temperature of an input in a heating wall. Prih. i sl. spr. no. 12:58-61 D '68.
- Lazarev, I. V. - Automatic departure of the axis of the rotor of a directional gyroscope placed on a sloping base. Izv. vuz. ucheb. zav., fiz. 11 no. 13:68-70 '68.
- Lazarev, I. V. - Ballistic deviations of a gyroscope rotor vertical damped by an elastic gyroscope. Izv. vuz. ucheb. zav., fiz. 11 no. 11:70-74 '68.
- Lubchicko, V. F. - Stability of a gimbal on a mobile base. Mash. i ver. tekh. no. 13:71-72 My-Je '68.
- Lisnansky, I. Kh. - Problems of the design of time optimal spring mechanisms. Izv. vuz. ucheb. zav., fiz. 11 no. 12:51-52 '68.
- Markatun, M. G., Malik-Shukhsanov, A. M., Shakh, I. L. - Effect of the sensitivity of a threshold device on the errors of digital rectangular crosshair compensators. Avtomatika no. 4:63-67 Ji-Ag '68.
- Milakov, V. A., Piskovskii, A. L. - Use of the RPP-60 potentiometer for measuring absolute and differential temperatures. Pribo-ro-stroenie no. 8:25 Ag '68.
- Mironchik, N. A. - Fourth International Congress on Measuring Equipment and Instrument Manufacture. Avtomatika no. 4:131 Ji-Ag '68.
- Korovin, I. V. - "Magnus drift" of a gyroscope in an universal joint of finite rigidity. Mash. i ver. tekh. no. 13:25-26 My-Je '68.
- Oshchepko, G. N. - The design of slide calipers should be improved. Izv. tekh. no. 10:78 O '68.
- Osis, I. A. - Electric measuring equipment and computers in automobile diagnostics. Kib. i diag. no. 1:3-7 '68.
- Perchik, V. L., Topolov, V. P. - Decreasing the reactive error signal component of tensioning scales. Izv. tekh. no. 10:11-12 O '68.
- Polina, I. A. - Seminar on checking radioelectric and proportioning devices. Izv. tekh. no. 10:75 O '68.
- Petrova, T. G., Timofeeva, E. A. - Braces with a low thermal resistance for electric measuring instruments. Pribo-ro-stroenie no. 8:29-30 Ag '68.
- For conducting scientific and technical conferences and meetings organized by the Central Republic and Province Boards of the Central Administration of the Scientific and Technical Society of the Instrument Industry in the second half of 1968. Pribo-ro-stroenie no. 8:27-29 Ag '68.
- Rosenberg, I. A. M. - Controlled gyroscope systems. Mash. i ver. tekh. no. 13:25-30 My-Je '68.
- Savitskiy, M. M. - Design of bellows for axial loading. Shor. trud. LIDET no. 22:101-103 '68.
- Seleznev, M. N. - Examination of reparability. Izv. tekh. no. 10:68-69 O '68.
- Shkhalov, G. M., Karlov, E. G., Braginov, I. Kh. - Problems of dynamics in running and pulling the measuring equipment in oil and gas well drilling. Izv. vuz. ucheb. zav., fiz. 11 no. 13:23-24 '68.
- Shelikh, V. M. - Automation of the balancing of the reactive components of the bridges of schematic deformation meters. Pribo-ro-stroenie no. 8:31 Ag '68.
- Smekalin, G. A. - Development of analytical instruments as an important condition of technological progress. Prih. i sl. spr. no. 1:3-4 O '67.
- Simoniuk, G. A. - New analytical instruments designed by the Special Design Office for Analytical Instrument Making. Prih. i sl. spr. no. 5:34 '67.
- Tikhonov, I. M. - At an industrial exhibition in Great Britain. Pribo-ro-stroenie no. 12:58-60 '68.
- Tsel'nik, G. A., Chirab, D. D. - New materials for instruments. Prih. i sl. spr. no. 6:38-39 '67.
- Tverdokhlebov, P. E., Uspalov, G. D., Tsypanko, M. P. - Interference stable differential networks of optical signals. Avtomatika no. 4:118-120 Ji-Ag '68.
- Zakharovskii, E. I., Shneiderman, V. L. - Microminiaturization in the manufacture of instruments with utilization of miniature drives and glass insulation. Avtomatika no. 4:122-24 Ji-Ag '68.

681.2 (400)—Hungary

Hungarian measuring equipment exhibited in Moscow. Izv. tekh. no. 18:71-75 O '68.

681.4 Optical systems

- Bereznin, A. B. - Unit for measuring the polarization degree of ionospheric radiation of an impulsive discharge. Izv. prikl. spekt. 6 no. 8:37-39 Ji '67.
- Bergdahl, I. L. - Preparing thin plates for optical data in metal nodes. Izv. fiz. 23 no. 7:100 '68.
- Kiselev, S. V. - Problems involved in the general theory of instruments for angular and linear measurements. Izv. vuz. ucheb. zav., fiz. 11 no. 13:108-110 '68.
- Korotkiy, M. A. - Determining the existence domains of two-component R-type objectives with infinitely thin components. Vyskys Kyiv, no. Ser. fiz. i khim., no. 8: 43-49 '68.

Rabizovich, L. V. - New materials for mountings of optical parts. Opt.-mekh. prom. 36 no. 9:43-47 '68.

681.6 Reproducing, printing machines and equipment

Bookova, R. P., Taras, M. R. - Millimeter printed plates. Prih. i sl. spr. no. 12:40-43 D '68.

681.8 Technical acoustics. Musical instruments. Sound record- ing, reproduction

- Krasnina, T. P. - Statistical problems of optimal control recording. Akust. zh. no. 8:80-85 '68.
- Lisakov, V. Y. - Insulation of elastic waves in plates by an arbitrary obstacle. Akust. zh. 14 no. 4:571-576 O-D '68.
- Lisakov, V. Y., Savolais, G. A. - Passage of flexural waves through an elastic packing located on the plate junction. Akust. zh. 14 no. 4:577-581 O-D '68.
- Malov, V. P. - Reflection of a flexural wave from angular plate junction. Akust. zh. 14 no. 4:577-581 O-D '68.
- Oskorokhin, I. A., Sykes, L. A., Miller, M. G. - High-temperature material for acoustic gliding. Akust. zh. 14 no. 4:581-584 O-D '68.
- Smirnov, M. D. - Near field of an infinite plane periodic antenna. Akust. zh. 14 no. 4:585-589 O-D '68.
- Smirnov, M. D. - Radiation resistance and concentration coefficient of extended periodic linear antennas. Akust. zh. 14 no. 4:587-593 O-D '68.

683 Hardware

Korovin, V. V. - Distribution of lines in breaking machines in laundering in hospital and commercial laundries. Trudy TSCDI no. 18, p. 1:132-140 '67.

684 Conducing. Furniture and cabinetry. Upholstery

Livshits, G. A. - Ornamental films based on combined resins. Der. prom. 14 no. 12:36-37 D '67.

685.3 Footwear. Able to movement

- Bragnovskiy, M. A. - Studying the method of remote control of landing tank covers. Lek. prom. 9 no. 5:48-44 S-O '68.
- Borobenko, V. F., Makovskiy, E. A. - Methodology for the determination of optimum conditions for the use of ergonomic machinery operators. Lek. prom. 9 no. 5: 37-49 S-O '68.
- Iskayev, M. O. - Failure of fabrics for footwear linings. Lek. prom. 9 no. 5:18-22 S-O '68.
- Kisilovskiy, I. U., Lavina, L. - One step higher. Otkhod 43 no. 8:175-185 Ag '68.

687 Clothing industry. Textile articles, knishes, etc.

- Borobenko, M. P., Tsybrenko, T. A. - Developing the shape-holding property of products of the clothing industry. Lek. prom. 9 no. 5:48-50 S-O '68.
- Borobenko, V. M. - Designing a continuous framework of the surface model of a human body. Lek. prom. 9 no. 5:12-13 S-O '68.
- Danilova, E. R. - Fresh fur for the 1968-1969 winter season. Tekst. prom. 28 no. 2:34-38 D '68.
- Klein, L. M., Arsenova, M. A. - Methodology of the analysis of potentialities for the full use of fabrics in the clothing industry. Lek. prom. 9 no. 5:31-35 S-O '68.
- Mikolov, A. A., Alekseyev, V. - Incentives for labor productivity in a branch. Are they need well? Sels. trud 13 no. 12:31-31 D '68.

687(477)—Ukraine R. R.

- Dezhko, M. A. - In the Ministry of Light Industry of the Ukrainian SSR. Lek. prom. 9 no. 5:4 S-O '68.
- Kal'nyts'kye, L. B. and others. - Isolating of tape in armholes during the sewing in of sleeves. Lek. prom. 9 no. 5:41-44 S-O '68.
- Krylitska, I. P., Trofimenko, E. L., Dorosh, M. A. - Improving the quality of ready-made clothing by sleing. Centralization of making operations. Lek. prom. 9 no. 5:47-48 S-O '68.

688 Fancy and decorative goods. Toys

- Kupchikov, G. - In search of the image. Doshk. vosp. 41 no. 8:73-88 '68.
- Kurtyova, V. - Dolls made of yarn. Mash. shkola 36 no. 12:43-44 O '68.
- Martynova, V. P. - Developing the assortment for the textile and luxury goods industry. Tekst. prom. 28 no. 2:18-22 D '68.

68 BUILDING INDUSTRY, MATERIALS, TRADES, CONSTRUCTION

- Abramov, V., Koldubina, V. - Methodology for the optimization of network schedule graphs in assembly line production. Na stroit. Ros. 9 no. 12:8-10 D '67.
- Ag, M. and others. - Management of a civil construction trust. Na stroit. Ros. 9 no. 10:11 O '68.
- All-Ukraine Society for Achieving Further Economies. Transp. stroit. 16 no. 12:3 D '68.
- Bashenkov, V. - Proving the economic efficiency of the selective organization of labor. Na stroit. Ros. 9 no. 18: 8-9 O '68.

Belikovskii, G. - Managing a school for young linemen. Na stroit. Ros. 9 no. 10:4-5 O '68.

Boborykin, M. P. - Reviewing the quality of construction in the second half of 1968. Mash. i ver. tekh. no. 13:71-72 Ji '68.

Dogorodov, A. R., and others. - Cost of construction assembly operations and potentials of better economic. Transp. stroit. 16 no. 12:10-12 D '68.

Chayubov, R. - Mechanization of labor-intensive operations. Prom. stroit. i mash. stroit. 9 no. 12:4 My-Je '68.

Chikhindse, G. B. - Effect of machine part stresses on contact binding. Soobh. AN Gruz. SSR 52 no. 2:72-73 '68.

Dubrovskiy, M., and others. - Large open gallery construction in the direction of structural elements of industrial buildings. Prom. stroit. i mash. stroit. 9 no. 12:4 My-Je '68.

Domin, I. U. - We are improving the use of asbestos. Na stroit. Ros. 9 no. 10:12 O '68.

Bobrov, M. - Lessons and conclusions. Na stroit. Ros. 9 no. 12:10 D '67.

Dobryshin, V. - Price determination in construction. Plan. khoz. 44 no. 3:40-53 '68.

Dostov, M. T. - Dismantling a shaft with the aid of a helicopter. Mash. i ver. tekh. no. 13:23-24 '68.

Krasovskiy, K. V. - New regulation concerning the participants in the construction of achievements of the USSR Economy of the U. S. R. R. and their awards. Transp. stroit. 16 no. 12:3 D '68.

The estimated price reform in construction. Na stroit. 10 no. 12:3-4 D '68.

From the editors' results of questionnaires on scientific organization of labor. Na stroit. Ros. 9 no. 12:3-4 D '68.

Golovko, G. V. - Improve the training of construction personnel. Stroit. i arkh. 18 no. 11: 3-4 M '67.

Chayubov, R. - Warehouse construction should be economically justified. Na stroit. Ros. 9 no. 12:10-12 D '68.

Guide materials on problems of computing estimated costs and on calculation for completed construction and assembling operations. Na stroit. Ros. 9 no. 12:3 D '67.

Gusev, V. D. - Improving cost calculation of construction projects. Izv. vuz. ucheb. zav., fiz. 11 no. 13:25-26 My-Je '68.

Lavrent'ev, D., Mikhel'son, A., Tsheta, V. - Validity of work in the basis of success. Na stroit. Ros. 9 no. 12:10-12 D '68.

In the Board of Directors of the Construction Bank of the U. S. R. R. Na stroit. Ros. 9 no. 12:10 D '68.

Krasovskiy, K. V. - Adapting methods of labor productivity for optimum distribution of machinery at construction sites. Mash. i ver. tekh. no. 13:23-24 '68.

Krasovskiy, K. V. - Scientific organization of labor at construction sites. Na stroit. Ros. 9 no. 12:10 D '68.

Kozlov, K. V. - Most short of an atomic reactor. Mash. i ver. tekh. no. 13:23-24 '68.

Korovin, M. M. - Paramount importance of the quality of construction work in cities and settlements. Stroit. i arkh. 18 no. 11:33-34 M '68.

Krylov, I. U. P. - Continuity problems in the general part of production processes. Izv. vuz. ucheb. zav., fiz. 11 no. 13:25-26 My-Je '68.

Kuroshin, L. - Cement consumption has been lowered. Na stroit. Ros. 9 no. 12:14 D '67.

Lavrent'ev, D. M. - Terminology factor in system studies of construction organization and efficiency. Izv. vuz. ucheb. zav., fiz. 11 no. 13:25-26 My-Je '68.

Lob, A. - Payments for a construction project and its reform. Na stroit. Ros. 9 no. 12:10-12 D '68.

Malyshov, D. D. - From scientific development of construction into production. Mash. i ver. tekh. no. 13:23-24 '68.

Mordukhai, P. K., Shcherbakov, I. K. - Methods of reducing manual labor in construction of power installations. Mash. i ver. tekh. no. 13:25-26 My-Je '68.

Mikhailov, L. B. - Use of machinery in specialized construction (roads). Mash. i ver. tekh. no. 13:23-24 '68.

Korovin, M. M. - The expenditures will pay for themselves. Na stroit. Ros. 9 no. 12:10-12 D '68.

Our aim is to increase profits. Na stroit. Ros. 9 no. 12:10 D '67.

Our Komzond aimed at for 1968. Na stroit. Ros. 9 no. 12:10 D '68.

Prut, B. K. - Machines for the construction of high-rise buildings. Mash. i ver. tekh. no. 13:23-24 '68.

Plosker, G., Shakh, A. - New developments in design of foundations for buildings and structures. Prom. stroit. i mash. stroit. 9 no. 12:3-4 My-Je '68.

Preparing and introducing projects of the atomic energy sector of labor. Na stroit. Ros. 9 no. 12:10 D '68.

Pritykov, V. - Young standards-bearing of technical progress. Na stroit. Ros. 9 no. 12:10 D '68.

Readers ask. Na stroit. Ros. 9 no. 12:10-12 D '68.

Rozhnov, O., and others. - Gravelled slag contains for the foundations of buildings. Prom. stroit. i mash. stroit. 9 no. 12:3-4 My-Je '68.

Sarov, V. - Determining the capacity of a construction firm. Na stroit. Ros. 9 no. 10:18-20 O '68.

Shcherbakov, I. K. - Technical creativity of young builders. Na stroit. Ros. 9 no. 12:10 D '67.

Shcherbakov, I. K. - Cybernetics in the construction work. Prom. stroit. i mash. stroit. 9 no. 12:3-4 My-Je '68.

Shcherbakov, G. D. - Objectives in the area of capital construction in oil fields. Stroit. i mash. stroit. 9 no. 12:3-4 My-Je '68.

Shcherbakov, M. D. - Economic principles of cost analysis of graphic work model in construction. Izv. vuz. ucheb. zav., fiz. 11 no. 13:25-26 My-Je '68.

State Committee for Construction of the R. S. F. S. R. - Na stroit. Ros. 9 no. 12:10 D '67.

99 (Continued)

They ought to be introduced. Prom. stroi. i inzh. soor. 8 no. 1-2-43 My-Je '68.
Towards new goals. Mosh. stroi. 23 no. 411-3 Ap '68.
Golotinskii, D. - The present and the future of the network schedule graphs. Eksp. stroi. 10 no. 12:21-23 D '68.

49(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

the State Committee on Construction of the Council of Ministers of the R.S.F.S.R. Na stroi. Ros. 9 no. 10:31 O '68.

50(471, 310)—Moscow City

Shkurov, D. - Labor watch of construction workers of Moscow. Eksp. stroi. 10 no. 12:13-15 D '68.

50(471, 42)—Ulyanovsk Province

Poljakov, A. - Second All-Union Conference in Ulyanovsk. Na stroi. Ros. 9 no. 10:21 O '68.

50(471, 63)—Bashkir A.S.S.R.

Kilinski, K., Magid, B. - Operational control system in the Main Administration of the Construction Industry in the Bashkir A.S.S.R. Na stroi. Ros. 9 no. 10:9-10 O '68.

50(471, 65)—Chelyabinsk Province

Ankudinov, L., Shironov, M., Krivorotov, A. - Very resourceful network planning and management. Na stroi. Ros. 8 no. 12:1-2 D '67.

50(477)—Ukrainian S.S.R.

Polotov, V. - Making complete sets of structural elements for individual erection stages in a plant construction combine. Prom. stroi. i inzh. soor. 8 no. 3:8-9 Mr-Apr '68.

Dzavogov, K. - One's own working capital should be provided for the unfinished construction. Eksp. stroi. 10 no. 12:10-12 D '68.

Lakunin, V. - Popularity and efficiency are the main things. Eksp. stroi. 10 no. 12:28-30 D '68.

In the Ministry of Construction of Heavy Industry Establishments of the Ukrainian S.S.R. Prom. stroi. i inzh. soor. 18 no. 4:45-47 Ji-Ag '68.

In the State Committee for Construction of the Ukrainian S.S.R. Stroi. i inzh. soor. 16 no. 4:40 My '68.

In the Technical and Economic Council of the Ministry of Construction of the Ukrainian S.S.R. Prom. stroi. i inzh. soor. 8 no. 3:44 My-Je '68.

In the Technical and Economic Council of the Ministry of Construction of the Ukrainian S.S.R. Use of computer techniques. Prom. stroi. i inzh. soor. 8 no. 3:45-46 Mr-Apr '68.

Karasev, A. - The economic service before the reform. Eksp. stroi. 10 no. 12:28-29 D '68.

Ostrov, N. - Progressive organization of operations in construction projects of the Heavy Chemical Combine. Prom. stroi. i inzh. soor. 8 no. 3:9-11 Mr-Apr '68.

Shchepet, V., Sytnik, I., Mikhlin, V. - Basic guidelines in the work of laboratories. Eksp. stroi. 16 no. 12:27-29 D '68.

50(478)—Moldavian S.S.R.

Borvik, A. - Together with the administrations of the State Supply Office. Na stroi. Ros. 9 no. 10:24-25 O '68.

50(471)—Astano S.S.S.R.

Izrael, R., Roman, A. - In the struggle for profitability. Eksp. stroi. 10 no. 12:41-43 D '68.

Krivan, R. - Getting ready for work in the new way. Eksp. stroi. 10 no. 12:23-24 D '68.

Vasserman, S. M. - Special soil engineering work in preparing oil field territories for building projects in western Siberia. Izv. vuz. obsh. sav. stroi. i inzh. 11 no. 8:61-63 '68.

50(471, 13)—Tyumen' Province

Ignatov, R. P. - Possibilities for building wooden houses in Tyumen' Province. Stroi. i inzh. soor. 11 no. 8:9-10 My '68.

50(471, 14)—Novosibirsk Province

Kashchayev, V. - The economic reform and business accounting within a firm. Eksp. stroi. 10 no. 12:24-26 D '68.

50(471, 56)—Tatar A.S.S.R.

Chapman, K. - Improve control measures and increase requirements. Na stroi. Ros. 9 no. 10:22 O '68.

50.53 Structural parts of buildings

Dzavogov, V. P., Krut'ko, R. Kh. - Mounting of ceiling by the sliding method. Mosh. i spets. rab. v stroi. 30 no. 11:13-14 M '68.

Engelbrecht, J. - Experimental investigation of pre-stressed suspension members. Trudy TPI Ser. A no. 2:143-153 '67.

Engelbrecht, J. - Experimental study of suspended roofs with negative curvature and edge beams under strain conditions. Trudy TPI Ser. A no. 2:171-181 '67.

Orlov, A. F., Laptev, V. M. - Standard steel staircases, landings, and railings for industrial buildings. Mosh. i spets. rab. v stroi. 30 no. 7:25-27 Ji '68.

Kashkov, A. - Design of overly strong optimal gey roofs with hexagonal structure pattern. Prom. stroi. i inzh. soor. 18 no. 4:31-33 Ji-Ag '68.

Khalifa, I., Martynov, I. U. - Steel reinforced-concrete members for roofing single-door industrial buildings. Prom. stroi. i inzh. soor. 18 no. 4:23-25 Ji-Ag '68.

Koshcheyev, L. I., Borodin, M. K., Krasovskiy, K. V. - Excavating foundations pits for headframe towers under complex (hexagonal) conditions. Stroi. i inzh. soor. 18 no. 11:24-27 M '68.

Kragliak, B. - Polymeric floorings in industrial construction. Prom. stroi. i inzh. soor. 18 no. 4:9-10 Ji-Ag '68.

Kragliak, B. - Improve production forms and the use of flooring materials. Stroi. i inzh. soor. 10 no. 2:28-30 Mr-Apr '68.

Kulbach, V., Engelbrecht, J. - Design of suspended roofs with negative curvature and fixed number of cables. Trudy TPI Ser. A no. 2:143-153 '67.

Kulbach, V., Engelbrecht, J. - Some calculation aspects of a suspended roof with negative curvature and fixed number of cables. Trudy TPI Ser. A no. 2:171-181 '67.

Maisel'skiy, R., Kalia, N., Shul'nikov, A. - New system of suspended roofs. Na stroi. Ros. 9 no. 10:22 O '68.

Mikhailovich, S., Mironovskiy, I., Pukhovskiy, I. - Standardization of rolled gypsum concrete partitions. Na stroi. Ros. 9 no. 10:25 O '68.

Shchepet, V. - Wall panels from large-pored hexagonal concrete. Prom. stroi. i inzh. soor. 8 no. 3:28 Mr-Apr '68.

Sychovskiy, I. N. - Combination bolt for double and triple pane windows. Stroi. i inzh. soor. 10 no. 2:43-44 Mr-Apr '68.

50.53(471, 28)—Pskov Province

Lavrov, M., Radetskiy, K. - Defects in the shells designed by the Leningrad State Institute of Building Engineering and General Construction Planning of industrial buildings have been eliminated. Na stroi. Ros. 9 no. 12:21 D '67.

50.53(471, 54)—Orenburg Province

Dymnikov, M. - Combined assembly of structural elements and process adjustment of the Chkalov Mining and Construction Combine. Prom. stroi. i inzh. soor. 8 no. 3:3-4 Mr-Apr '68.

50.53 The organization, methods, equipment, plant

Agar, A. P., Kozlovskiy, G. F. - Mechanization for installing piping. Mosh. i spets. rab. v stroi. 30 no. 11:17-18 M '68.

Alkisev, M. M. - Erection of frames of coke chambers by the method of large-block construction. Mosh. i spets. rab. v stroi. 30 no. 7:7-8 Ji '68.

Arson, A., Zhuravskiy, I. - Stands for controlling the density of concrete under the foundation of buildings. Prom. stroi. i inzh. soor. 8 no. 3:32 Mr-Apr '68.

Ashchev, A. V., Barsukov, A. A., Gorkovskiy, K. G. - Chemical cleaning of a TP-87 boiler on an assembly site. Eksp. stroi. 10 no. 12:17-18 D '68.

Babin, M. N. - Lining the blast-furnace air heaters with large blocks. Stroi. i inzh. soor. 23 no. 2:15-16 F '68.

Dal'skiy, V. M., and others. - Experience in making and erecting a welded tank having corrugated elements. Mosh. i spets. rab. v stroi. 30 no. 4:7-8 M '68.

Dashkovskiy, I. I. - Protection-line erection of the equipment of nitrogen-fertilizer plants. Mosh. i spets. rab. v stroi. 30 no. 2:12-13 F '68.

Bednitskiy, B. - Self-erecting suspension systems for working platforms used for lining blast-furnace shafts. Prom. stroi. i inzh. soor. 10 no. 4:8 Ji-Ag '68.

Berezhnoi, M. - Flexible technology of large plant construction abroad. Stroi. i inzh. soor. 11 no. 3:23-25 M '68.

Blank, L. - Prospects for developing construction equipment. Eksp. stroi. 10 no. 12:44-47 D '68.

Dobsonov, V. P., Kiselev, R. Kh. - Mounting of ceiling by the sliding method. Mosh. i spets. rab. v stroi. 30 no. 11:23-14 M '68.

Krivan, R., Khodakov, G. V. - Erecting rigging masts by the self-lifting method. Mosh. i spets. rab. v stroi. 30 no. 11:17-18 O '68.

Fukon, R. Yu. - Using the framework of an industrial building for the erection of overhead cranes. Mosh. i spets. rab. v stroi. 30 no. 10:11-17 O '68.

Gorbis, S. Yu. - Erecting a beam-and-column plant steel chamber with the use of heat-proof hexagonal concrete. Mosh. i spets. rab. v stroi. 30 no. 7:10-11 Ji '68.

Golubov, V. M., and others. - Water saturation of the bed under an experimental building built on a sand cushion and type I settling soils. Izv. vuz. obsh. sav. stroi. i inzh. 11 no. 8:10-27 '68.

In the Ministry of Assembly and Special Construction Operations of the U.S.S.R. Mosh. i spets. rab. v stroi. 30 no. 7:11-22 Ji '68.

In the Ministry of Assembly and Special Construction Work of the S.S.S.R. Mosh. i spets. rab. v stroi. 30 no. 10:20-31 O '68.

In the Ministry of Assembly and Special Construction Work of the U.S.S.R. Mosh. i spets. rab. v stroi. 30 no. 7:11-22 Ji '68.

In the Ministry of Assembly and Special Construction Work of the S.S.S.R. Mosh. i spets. rab. v stroi. 30 no. 11:20 M '68.

In the Ministry of Assembly and Special Construction Work of the U.S.S.R. Mosh. i spets. rab. v stroi. 30 no. 8:1 F '68.

Introduce for your construction sites. Na stroi. Ros. 9 no. 12:27 D '67.

Kabanov, M. - Prospects of casting head plates should provide for maximum productivity and standardization of structures. Stroi. i inzh. soor. 11 no. 8:28-29 Ag '68.

Kalitov, G. - Each construction should have a work plan. Na stroi. Ros. 9 no. 10:14 O '68.

Khusev, A. S. - Experience in fully packed assembly of process control and automation systems. Mosh. i spets. rab. v stroi. 30 no. 11:31-32 M '68.

Korol', V. - Mechanization of piling work. Na stroi. Ros. 9 no. 10:10-20 O '68.

Koslovskiy, I. - Standard-stock suspension scaffolds for the erection of walls of one-story industrial shops. Prom. stroi. i inzh. soor. 8 no. 3:13-15 My-Je '68.

Kravets, V., Mamonovskiy, V., Kharas, Z. - Lifting 380-ton apparatus. Na stroi. Ros. 9 no. 12:10-11 D '67.

Kvrits, S. Ia., Baras, A. N. - Construction and assembly of packaged gas-distributive stations. Stroi. i inzh. soor. 10 no. 2:12-13 F '68.

Kovring, V. K. - Experience in the work based on network schedule graphs in installing automatic control equipment. Mosh. i spets. rab. v stroi. 30 no. 2:10-11 F '68.

Lavrovskiy, S., Korotkiy, S. - Economy of cable net construction of houses. Stroi. i inzh. soor. 11 no. 3:8-9 '68.

Lislov, B. M. - New system of planning and economic stimulation in action. Mosh. i spets. rab. v stroi. 30 no. 7:4-5 Ji '68.

Mironovskiy, A. P., Tushalakov, V. M. - Assembly of the MKP-40 crane. Mosh. i spets. rab. v stroi. 30 no. 10:22-24 O '68.

Musis, V., Mikhailov, S. - Condition of walls of dressing plant buildings in the Krivoy Rog Southern Mining and Concentration Kombinat as affected by operations. Prom. stroi. i inzh. soor. 10 no. 4:3-4 Ji-Ag '68.

Nedosev, I. A., and others. - Use of excavator buckets with in-process control for working from soils. Transp. stroi. 16 no. 12:5-6 D '68.

Nedosev, V. A. - Mechanical erection work. Stroi. i spets. rab. v stroi. 30 no. 2:3-5 F '68.

Nikiforov, I. U., Peryashkin, E., Galanin, V. - Mobile plants of the construction industry. Na stroi. Ros. 9 no. 10:17-18 O '68.

Novik, A. P. - Theoretical principles for determining danger zones when assembling precast concrete members. Izv. vuz. obsh. sav. stroi. i inzh. 11 no. 8:120-123 '68.

Objectives of the first year of the five-year plan ought to be successfully achieved. Mosh. i spets. rab. v stroi. 30 no. 11:3 N '68.

Ostrov, V. M. - Objectives of the organizations of the Ministry of Assembly and Special Construction Operations in the construction work for the petroleum, petrochemical, and chemical industries. Mosh. i spets. rab. v stroi. 30 no. 7:13-15 Ji '68.

Pavlovskiy, A., Farkov, V. - Constructing a cladding hole with the use of sliding forms. Prom. stroi. i inzh. soor. 10 no. 4:4-7 Ji-Ag '68.

Pozdnyakov, B. V., Sushakov, M. K. - Precast state and further development of the rolling method. Mosh. i spets. rab. v stroi. 30 no. 10:8-11 O '68.

Potomov, K. A. - Some problems of introducing the continuous operation method at construction sites. Izv. vuz. obsh. sav. stroi. i inzh. 11 no. 3:81-84 '68.

Ryabov, A. F. - Erecting an elevator on a 300 m. stack. Mosh. i spets. rab. v stroi. 30 no. 7:9-10 Ji '68.

Skobnikov, I. U. - Stands for mounting reinforcement cages. Na stroi. Ros. 9 no. 10:27 O '68.

Solodovnikov, L. D. - Objectives of the organizations of the Ministry in fulfilling the resolutions of the CPSU Primary Session of the Central Committee of the CPSU. Mosh. i spets. rab. v stroi. 30 no. 10:2-3 O '68.

Solodov, A. Ya. - Mounting the armor of bunkers in large blocks. Mosh. i spets. rab. v stroi. 30 no. 11:14-15 N '68.

Tarakanov, G. L. - Technical and economic indices of continuous construction of city gas networks. Izv. vuz. obsh. sav. stroi. i inzh. 11 no. 3:84-88 '68.

Teleshovskiy, M. K. - Experience in introducing information systems on the course of construction and assembly jobs. Mosh. i spets. rab. v stroi. 30 no. 10:27-28 O '68.

Tilov, A., Sukhovskiy, M. - Breakdowns of steel members in special structures. Prom. stroi. i inzh. soor. 10 no. 4:16-18 Ji-Ag '68.

Tonkachev, A. I. - Industrial methods for assembling and welding spherical tanks. Stroi. i inzh. soor. 11 no. 11:24-25 M '68.

Vertical and horizontal transportation of heat insulating materials on multi-span steep roofs of industrial buildings. Prom. stroi. i inzh. soor. 10 no. 4:43-44 Ji-Ag '68.

Zabokotskiy, V. - Servicing and repairing machinery in field operations. Na stroi. Ros. 9 no. 12:20-22 D '67.

Zolotarev, K. M., Kravitskiy, I. D. - Erection of metal structures of a large-span roof by the moving-upon method. Mosh. i spets. rab. v stroi. 30 no. 7:23-25 Ji '68.

50.53(471, 310)—Moscow City

Torin, M. M. - Erecting the tower of the Moscow television center. Mosh. i spets. rab. v stroi. 30 no. 12:2-7 O '68.

50.53(477)—Ukrainian S.S.R.

Bedenko, S. - Electroslag welding of flanges bent from strip. Prom. stroi. i inzh. soor. 9 no. 3:43 Mr-Apr '68.

501 Building materials

Krasov, M. A. - Stability of heated three-layer plates with a lightweight filler in a supercritical flow of gas. Gidromekhanika i teoriya, 1967, no. 8:77-77 '67.

Gosha, G. L. - New building materials. Stroi. i inzh. soor. 11 no. 8:23-25 My '68.

Golovach, Z. - Cases of building materials industry enterprises. Vest. stat. no. 12:26-28 '68.

601 (Continued)

- Gorlova, L. M., Rokhsberg, E. M. - Some problems of the concentration of construction work. *Stroi. i arkh.* 10 no. 11:10-32 N '68.
- Kartmashko, V., Pogrebnik, I. U. - Centralizing the repair service; practice and suggestions. *Sots. trad.* 13 no. 10:66-71 O '68.
- Krugina, G. I., Korneeva, V. N., Petrova, F. F. - Using the photoelectric-colorimetry method for studying adhesion of a polymer to mineral filler. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:184-187 '68.
- Rozitskaya, V. L. - Cubic unit construction in the Ukraine. *Am. S. S. R., Stroi. i arkh.* 10 no. 11:19-33 N '68.

601.1 Materials of organic origin. Timber, etc.

- Antonov, L. P. - Study of the properties of wood. *Uch. zap. MOPI* 107:87-91 '68.
- Apel'ko, L. - In defense of wooden structural elements. *Eksp. stroi.* 10 no. 12:68-69 D '68.
- Fedorovich, V., Buhai, A., Pavlov, O. - Production of cold bituminous emulsion materials. *Bud. mat. i konstr.* 10 no. 3:33-34 Mr-Apr '68.
- Kudrei, V., Krasovskiy, P. - Industrial waste used for the production of wall and heat insulation materials. *Bud. mat. i konstr.* 10 no. 3:47-48 Mr-Apr '68.
- Rudskaya, I. M., Rudskiy, A. V. - Quality requirements of petroleum bitumens for road construction leading into account climatic conditions. *Naftep. i neftekhim.* no. 9:19-21 '68.
- Rylov, I. A., Milosonov, P. I. - Controlling properties of wood-chip boards. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:180-186 '68.

601.2 Natural stone

601.2(477.8)—Crimes

- Tymoshenko, M. - Cut stone wall products from Crimea Province. *Bud. mat. i konstr.* 10 no. 3:13-15 Mr-Apr '68.

601.3 Artificial stone. Concrete, etc.

- Baketskii, B. F. - Economic efficiency of precast reinforced concrete use in the construction of water purification structures. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:134-139 '68.
- Bolyshev, G. - Making PNEU-4 prestressed roof slabs. *Protn. stroi. i inzh. soor.* 8 no. 3:27-32 Mr-Apr '68.
- Chernikov, A. M., Chirkov, V. V. - Effect of water temperature on the efficiency of disintegrating thermal and frozen clay impurities during wet concentration processing of rock products. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:28-33 '68.
- Chirbasenko, E. - Corrosion protection of concrete and reinforced-concrete structures. *Protn. stroi. i inzh. soor.* 10 no. 4:18-22 Ji-Ag '68.
- Dvorkin, L. I. - Xylolith made with use of magnesia-dolomite cement. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:130-133 '68.
- Gerasimovskiy, Y. M. - Optimal thickness of walls and the cost of reinforced concrete pipes considering their crack resistance. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:17-20 '68.
- Kharitko, I. E. - Use of sectional reinforced concrete in the repair stations on main cable lines. *Vest. vuzov* 26 no. 6:26-27 Je '68.
- Malyshov, G. - Using heat resistant concrete and reinforced concrete. *Ma. stroi. Ros.* 8 no. 13:24-25 D '67.
- Mamonov, S. D. - Shaped siliceous brick for face masonry. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:68-73 '68.
- Mikhailov, V. - Expedient use of reinforced concrete in construction work. *Protn. stroi. i inzh. soor.* 8 no. 3:1-3 Mr-Apr '68.
- Movk, A. P. - Theoretical principles for determining danger zones when assembling precast concrete members. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:128-133 '68.
- Plavitskiy, E. V. - Supporting power of spirally reinforced concrete elements. *Transp. stroi.* 10 no. 12:43-46 D '68.
- Randkivskiy, G. K. - Mechanisms of the creep of concrete. *Book. AM. Gos. SSSR* 11 no. 3:61-64 S '68.
- Roginskii, V. M. - Testing reinforced-concrete rods with the aid of resistance sensing element of strain gauges. *Gor. khim.* 144 no. 12:68-70 D '68.
- Kaloshenko, O., Verbitskiy, P. - Structure of cementless concrete with an aggregate of ceramic aggregate. *Bud. mat. i konstr.* 10 no. 3:8-7 Mr-Apr '68.

601.4 Binding materials. Plaster, etc.

- Alekseeva, L., and others. - Highly adhesive carbonyl-methylacrylate as wallpaper glue. *Zh. stroi.* 11 no. 3:32 '68.
- Dobrov, M. - Lenses and occlusions. *Ma. stroi. Ros.* 8 no. 13:14 D '67.
- Vlasov, V. D., Rasbatskaya, V. I., Panchenko, A. M. - Preventing quicksand beneath the bed of shafts by the plaster grouting method. *Stroim. stroi.* 13 no. 13:13-15 D '68.
- Molodtsov, P. - Cold waterproofing mastics. *Bud. mat. i konstr.* 10 no. 3:14 Mr-Apr '68.
- Krasnitskiy, L. - Cement consumption has been lowered. *Ma. stroi. Ros.* 8 no. 13:14 D '67.
- New standards for cement. *Bud. mat. i konstr.* 10 no. 3:13-14 Mr-Apr '68.
- Potolovskiy, S. V., Potolovskiy, V. S., Sagitov, R. I. A. - Ultra-sonic activation of anhydrite binders. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:189-196 '68.

- Trofimova, L. G. - Choice of optimum mixtures of semi-calcined sulfate binding material. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:72-77 '68.
- Khechov, A. I. A. - Finishing buildings with synthetic paints. *Stroi. i inzh. soor.* 10 no. 3:27 Ag '68.

601.5 Glass

- Rondarev, K., Panchenko, I. U., Panchenko, V. - Structural and technical glass industry in the Ukraine during the last 50 years. *Bud. mat. i konstr.* 10 no. 3:1-14 Mr-Apr '68.
- Lamov, V. G., Kravtsov, E. A. - Studying elements made from 12-V glass and constructional glass subject to transverse bending. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:81-83 '68.

601.7 Metals. Iron. Steel

- Balitskiy, V., Chirkov, V. - Design resistance of sheet steel for welded joints. *Protn. stroi. i inzh. soor.* 8 no. 3:23-33 Mr-Apr '68.

601.8 Components, units of construction. Builders' steel, hardware

- Al'kikh, V. - Wire strand ropes as reinforcement for concrete. *Bud. mat. i konstr.* 10 no. 3:34-37 Mr-Apr '68.
- Lopatin, O., Tikhon, I., Fedosov, A. - Prestressed concrete piles with high-speed reinforcement. *Bud. mat. i konstr.* 10 no. 3:34-38 Mr-Apr '68.

601.8(471.8)—Builders' steel, hardware

- Khalinov, G. - There is an individual approach to every body. *Sov. profsoyuz* 24 no. 3:137 N '68.

601.9 Site construction

- Review of innovations in the field of construction published in 1964. *Protn. stroi. i inzh. soor.* 8 no. 3:47 Mr-Apr '68.
- Shchegolev, A. I. - The mechanization of construction should be developed and improved during the 1968 - 1970 period. *Stroim. stroi.* 13 no. 3:2-3 Mr '68.
- Tarakanovskiy, M. - High-speed installation of elevator equipment by large components. *Ma. stroi. Ros.* 8 no. 13:6-7 O '68.

601.9 Concerning in situ

- Brinetskiy, M. I. A., and others. - Over-all mechanization of concrete work. *Stroim. stroi.* 13 no. 3:7-8 Mr '68.
- Kotlar, P., Klet, V. - Embedding into concrete the reinforcement with anchorage heads as used in truss tension bridges. *Bud. mat. i konstr.* 10 no. 3:37-38 Mr-Apr '68.
- Lavitskiy, L. S., Danchukov, G. M. - Cores of ferro-concrete frame columns by electroslag welding. *Ma. stroi. Ros.* 8 no. 13:21-23 Ji '68.
- Shchegolev, A. - Thermally hardened reinforcement and the method for its anchorage. *Bud. mat. i konstr.* 10 no. 3:37-38 Mr-Apr '68.
- Krasnitskiy, I. U., Evchenko, O. - Industrialization of lining work. *Protn. stroi. i inzh. soor.* 8 no. 3:15-16 My-Je '68.

601.9 Finishing and other finishes

- Assembly for finishing outside walls of a building. *Protn. stroi. i inzh. soor.* 10 no. 4:26-28 Ji-Ag '68.
- Krasnitskiy, R. F., Krasnitskiy, L. S. - Economic efficiency of new facing materials for large-panel buildings. *Stroi. i arkh.* 10 no. 11:36-38 N '68.

601.9 Metal, steel structural work

- Aare, J., Rokhsberg, J. - Design of prestressed metal beams. *Trudy TPI. Ser. A* no. 24:69-79 '68.
- Aare, J., Rokhsberg, J. - Experimental investigation of prestressed steel beams. *Trudy TPI. Ser. A* no. 24:80-88 '68.
- Krasnitskiy, A. - Effect of the use of beams made of two kinds of steel. *Protn. stroi. i inzh. soor.* 8 no. 3:14-15 Mr-Apr '68.
- Krasnitskiy, A., Chernitskiy, V. - Metal constructions on high-strength bolts. *Protn. stroi. i inzh. soor.* 8 no. 3:12-13 My-Je '68.
- Syryuk, L., and others. - Heat resistant coatings for steel. *Bud. mat. i konstr.* 10 no. 3:7-8 Mr-Apr '68.

601.9 Framed construction

- Rozitskaya, F. I., Spits, I. U. G. - Classification and analysis of production reserves in large panel construction using tower cranes. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:77-81 '68.

604 Carpentry. Joinery

- Bratov, I. - Building a 180 m. tall wood pipe. *Protn. stroi. i inzh. soor.* 8 no. 3:7-13 My-Je '68.

606 Equipment. Services. Installations in buildings

606(474.2)—Heating, ventilation, air conditioning

- Tsuro, M., Shiro, E. - Corrosion of hot water pipes in the residential buildings of Tallin. *Trudy TPI. Ser. A* no. 24:27-34 '68.

- Tsuro, M., Shiro, E. - Measures on reducing the corrosion of hot water pipes in the residential buildings of Tallin. *Trudy TPI. Ser. A* no. 24:25-31 '68.

606.1 Plumbing. Sanitary installations

- Roshkov, A., Zolov, A., Panchenko, S. - New methods of mounting plumbing fixtures. *Zh. stroi.* 11 no. 3:3 O '68.
- Somova, G. - Supplying complete sets of materials for finishing operations. *Ma. stroi. Ros.* 8 no. 13:21 N '68.
- Usov, G., Ponomarevskiy, V. - Supply in complete sets of Sanitary fittings. *Ma. stroi. Ros.* 8 no. 13:22-23 O '68.

606.1(871)—Asbestos, asbestos, etc.

- Zhoshkov, A. A. - Mounting heating and ventilation fittings. *Ma. stroi. Ros.* 8 no. 13:21 N '68.

606.2 Gas installation

- Tsushchik, O. L. - Technical and economic losses of continuous construction of city gas networks. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:14-16 '68.

606.3 Electrical installations

- Krasnitskiy, M. I. - Industrialization of electric installation operations and the quality of projects. *Ma. stroi. Ros.* 8 no. 13:30-31 N '68.

606.3(871.14)—Household electrical installations

- Kadyrov, R. - Asbestos organization of labor in electric installations. *Ma. stroi. Ros.* 8 no. 13:21 D '67.

607 Heating, ventilation, air conditioning

- Heating slabs. *Zh. stroi.* 11 no. 3:14-16 '68.
- Malkin, M. S. - Calculation of structural and thermal characteristics of covered heating exchangers. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:14-16 '68.
- Poludin, M. M. - Design features of s-shaped risers used in heating systems of public buildings. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:16-18 '68.
- Pospelov, I. U. - Calculation of air distribution devices uniform profile and outlets. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:19-21 '68.
- Rukhlov, L. A., Tural'bayev, D. G. - Construction of industrial gas lines for peak-load boilers. *Eksp. stroi.* 10 no. 13:74-78 '68.
- Savitskiy, H. V. - Sanitary device for measuring air temperature. *Izv. vyz. ucheb. zav., stroi. i arkh.* 11 no. 3:19-21 '68.

607(477)—Ukrainian S. S. R.

- Kotlyarskiy, P. I. - General characteristics of the winter regime of the air and the duration of the heating period in the Ukraine. *Viznyk Kyiv. na. Ser. bud. i khor.* no. 8:120-126 '67.

- 608 Finishing and decorating trades. Painting, plaster, etc. Agibova, I., Tikhonov, I. U. - Materials for decorative interior finish of modern halls. *Arkh. i konstr.* 34 no. 4-5 '68.

608.6 Protective, painted, insulated construction

- Brishchovskiy, K., Brishchovskiy, I. U., Brishchovskiy, S. - Glass-ceramic waterproofing. *Bud. mat. i konstr.* 10 no. 3:8-9 Mr-Apr '68.
- Dzhanibekov, A., and others. - Waterproof membranes from polymeric films as a protection for roofing construction against water penetration. *Protn. stroi. i inzh. soor.* 10 no. 4:31-33 Ji-Ag '68.
- Ginsman, F. - Vibration-proof frame basement base. *Protn. stroi. i inzh. soor.* 10 no. 4:37-38 Ji-Ag '68.
- Dobrovskiy, P. - Cold waterproofing mastics. *Bud. mat. i konstr.* 10 no. 3:14 Mr-Apr '68.
- Vertical and horizontal transportation of heat insulating materials on multi-span steep roofs of industrial buildings. *Protn. stroi. i inzh. soor.* 10 no. 4:43-44 Ji-Ag '68.

608.6(871.1)—Under S. S. R.

- Basov, O. F., Tikhonov, I. A. - Seismic stability of the Tashkent gas network. *Stroi. i inzh. soor.* 10 no. 4:43-44 Ag '68.

- Kalyko, V. - Polishing mode of electric heating in cold heat-insulating profile concrete. *Bud. mat. i konstr.* 10 no. 3:18-20 Mr-Apr '68.

7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.

7.0 General. Works of individual artists

- Pianeta, B. M. - Artists of the Ukraine for the Last Komosomol. *Rad. shk.* 47 no. 19:28-29 O '68.

7.0(871.6)—Soviet Far East

- Chudakov, A. P. - Prehistoric art of the peoples of the Amur Valley: petroglyphs at the Klya and Ussuri Rivers. *Sov. etnool.* no. 4:48-57 '68.

7.81 Aesthetics. Theory. Taste, etc.
Chernovskaya, T. V. - The art of seeing nature. Uch. zap. Ped. inst. Gorki. 237:107-140 '68.
Fursov, V. A. - Industrial aesthetics should be brought to telecommunication enterprises. Vest. svyazi 25 no. 12:18-28 D '68.
Larova, F. R. - An elective course from the fundamentals of aesthetic culture. Rad. shk. 47 no. 10:90-93 O '68.
Rustova, M. I. - A. S. Mikheev's experience in aesthetic education through work. Uch. zap. Nov. gos. ped. inst. 19:29-30 '68.
Samarinov, A. I. - Aesthetic education during nature observation in autumn. Nauch. shkola 36 no. 10:88-91 O '68.
Skalka, L. M., Varfolomeev, K. M. - From experience in aesthetic education of students. Uch. zap. Nov. gos. ped. inst. 19:3-18 '68.
Sokolov, P. V. - Russian Aesthetics in the pre-Decemberist and Decemberist periods. On the social role of art. Uch. zap. Ped. inst. Gorki. 231:66-71 '67.
Zaslavskiy, V. M. - Special aspects of the subject matter and substance of art. Uch. zap. Perm. gos. un. no. 182 125-144 '68.

7.84 Subjects for artistic representation. Iconography. Iconology
Myadina, A. V. - An Russian canon of the 18th century portraying the Mother of God of Odigitriya from Novgorod. Sov. arkhkol. no. 4:208-218 '68.

7.85 Applications of art in industry, the home, etc. Industrial, commercial design
Mikhailov, V. - The aesthetics bureau: decisions and needs. Otkr. truda i slova, strakh. 11 no. 12:10-11 D '68.

71 PHYSICAL PLANNING. LANDSCAPE, ETC.

711 Physical, regional, town and country planning

711.4(471.68)—Chechen-Ingush A. S. S. R.
Kishanov, M. - City of Grozny 150th anniversary. Arkhkol. 25 no. 7:47 '68.

711.1 Generalities. Development. Planning schemes
Lentink, I. - Walking distances and architectural layout organization of a territory. Zhil. stroit. 11 no. 3:10-11 '68.
Popov, A. M. - Main trends in the overall structural appearance and beautification. Stroit. i arkhkol. 10 no. 8:17-21 My '68.

711.2 Regional planning and (industrial) development
Goncharik, V. A. - Determination of the optimum number of specialized repair enterprises in a given territory (Province, Republic). Trudy Vostochn. sotsializatsion. shk. no. 7:487-492 '67.

711.2(574)—Kazakh S. S. R.
Mikhailov, M. T. - Foreign trade of Kazakhstan during the period of its industrialization. Trudy Alma-Ata. gos. univ. 22:3-7 '68.
Yakov, P. I. - The process of eliminating essential differences between cities and rural areas. Trudy Alma-Ata. gos. univ. 22:8-18 '68.

711.3 Country planning. Rural development, upkeep of settlements
711.3(474.3)—Latvian S. S. R.
Tomashev, V. - Principles of developing rural settlements in the Latvian S. S. R. Arkhkol. 25 no. 7:21-24 '68.

711.3(476)—White Russian S. S. R.
Dobrov, M. - Planning and building villages in White Russia. Arkhkol. 25 no. 7:15-19 '68.

711.4 Town planning. Urban development, built-up areas, towns, villages, etc.
Korotkaya, M. M. - Choice of building orientations. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:181-183 '68.
Malyutskiy, G. A. - The future of our cities, streets, and squares. Stroit. i arkhkol. 16 no. 11:8-9 M '68.
Mikhlin, M. M. and others. - Hygienic problems in modern city construction. Stroit. i arkhkol. 16 no. 11:9-11 N '68.

711.4(458)—Poland
Tyszkiewicz, K. - Operation "Cland." Sov. shkol. 27 no. 2:24 N '68.

711.4(477)—Ukrainian S. S. R.
Boris, M. I. - City construction in the Ukraine should reach new quality levels. Stroit. i arkhkol. 16 no. 11:2-3 M '68.
City construction should satisfy present-day requirements. Stroit. i arkhkol. 16 no. 6:1-16 My '68.

711.4(571)—Azerbaijan S. S. R.
Wah, M. I. - Architectural features of plant presentation squares in Azeri industrial settlements of the 18th and 19th centuries. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:71-73 '68.

711.4(571.51)—Krasnoyarsk Territory
Tolst, P., Garkov, K. - Building a new Igarka. Na stroit. Ros. 9 no. 10:16-17 O '68.

711.4(574)—Kazakh S. S. R.
Gubenko, A. - Housing construction in Khevochako. Zhil. stroit. 11 no. 3:12-14 '68.

711.4(578.1)—Uzbek S. S. R.
Markin, V. - Contribution of builders of the U. S. S. R. - Na stroit. Ros. 9 no. 12:18 D '67.

711.5 Units, areas, zones, districts, quarters (within towns, etc.)
Vedukhin, K. - New residential district in Vladivostok. Na stroit. Ros. 9 no. 12:18-17 D '67.

711.5(471.54)—Sverdlovsk Province
Rabichovich, V. - Student district in Sverdlovsk. Na stroit. Ros. 9 no. 12:20 D '67.

711.5(578.1)—Uzbek S. S. R.
Starobin, M. - Construction of buildings from Leningrad. Na stroit. Ros. 9 no. 12:18 D '67.

711.6 Site planning. Grouping. Squares, etc.
Layrov, V. - Site-planning of capital cities and their centers. Arkhkol. 25 no. 7:12-13 '68.

711.7 Landscapes, natural and designed parks. Gardens

711.7(477)—Ukrainian S. S. R.
Green outpost of Zaporozhye. Stroit. i arkhkol. 16 no. 8:24-28 My '68.
Beveris, S. I. - Current problems of landscaping in Ukrainian populated places. Stroit. i arkhkol. 16 no. 11:12-16 N '68.

711.7(573)—Japan
Prichodko, P. I. - Importance of small shapes in the landscape of a Japanese garden. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:84-89 '68.

711.2 Landscapes pattern generally
Kosarevskiy, L. A. - Developing a public park complex. Stroit. i arkhkol. 16 no. 8:50-51 My '68.

711.2(477)—Ukrainian S. S. R.
Kotkov, I. I. - "Green belt of glory". Stroit. i arkhkol. 16 no. 8:36 My '68.

711.2(477.6)—Donetsk Basin
Prokof, no. 68; Giprograd. Stroit. i arkhkol. 16 no. 8:37 My '68.

711.2 Landscapes pattern generally: planning, layout, execution
Kosarev, V. L. - It is necessary to have an overall landscaping plan. Stroit. i arkhkol. 16 no. 8:23-25 My '68.

711.2(477)—Ukrainian S. S. R.
Bashkizenko, V. F. - Attractive appearance and landscaping of forests. Stroit. i arkhkol. 16 no. 8:23 My '68.

711.2(477.6)—Donetsk Basin
Kling, G. V. - Reconstruction of a public park in Donetsk. Stroit. i arkhkol. 16 no. 8:33 My '68.

711.9 Preservation of rural and urban ensembles. National parks and similar movements
Imel'sonovskiy, L. - To protect nature is to increase the wealth of the homeland. Mur. obr. no. 18:124-128 O '68.

72 ARCHITECTURE

72.1 Generalities. Patterns, standard and creative individuality. Stroit. i arkhkol. 16 no. 12:24-27 N '68.

72.01 General aesthetics. Design. Planning, etc.
Tikhon, D. I. - Some problems of silhouette perspective and plotting architectural perspective. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:136-141 '68.

72.1 Buildings generally. Programming. Design
Pivka, V. M. - Monogram for determining design angles of insulation. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:143-145 '68.

72.2 Transport, traffic and storage buildings

72.2(494)—Switzerland
Production and storage complex in Zurich. Prom. stroit. i inzh. soor. 9 no. 3:24-26 My-Apr '68.

72.4 Industrial buildings. Factories, mills, workshops, etc.
Chapovsky, M. - Assembly of roofs of industrial buildings using thin roof shells. Prom. stroit. i inzh. soor. 9 no. 3:37 My-Apr '68.

Donkita, I. U. - Building a new material storeroom in a sliding formwork. Prom. stroit. i inzh. soor. 9 no. 3 17-18 My-Je '68.
Oskhar'-Kharmandaria, L. - Principle of independent section in the designing of precision-machinery plants. Arkhkol. 25 no. 7:32-41 '68.

Khalidin, L., Martynov, I. U. - Steel reinforced-concrete members for roofing single-flow industrial buildings. Prom. stroit. i inzh. soor. 10 no. 4:21-25 Ji-Ag '68.
Khorkho, A. I. A. - Industrial environment and its attractive appearance. Stroit. i arkhkol. 16 no. 8:23-27 My '68.
Krivets, V., Nopomnashchik, Khuma, Z. - Lifting 300-ton apparatus. Na stroit. Ros. 9 no. 12:10-11 D '67.
Krugliak, B. - Polymer floorings in industrial construction. Prom. stroit. i inzh. soor. 10 no. 4:9-10 Ji-Ag '68.

Liberman, A., Kaluzina, I. U. - Design of short roof shells with skylight apertures for industrial buildings. Prom. stroit. i inzh. soor. 10 no. 4:22-31 Ji-Ag '68.
Maltsev, K. - Reporting creative work of the architects of power engineering design organizations. Arkhkol. 25 no. 7:48-51 '68.

Martina, M. - Sectional one-story industrial building with a flat hinged suspension roof. Prom. stroit. i inzh. soor. 9 no. 3:9-12 My-Je '68.
Mozin, V., Mikhailov, B. - Condition of walls of dressing plant buildings in the Krivoy Rog Soda-Salt Mining and Concentration Kombinat as affected by operations. Prom. stroit. i inzh. soor. 10 no. 4:3-4 Ji-Ag '68.
Mikhlin, K. - Laboratory and industrial block. Na stroit. Ros. 9 no. 12:27 O '68.
Sharato, V. - Wall panels form large-pored keramit-concrete. Prom. stroit. i inzh. soor. 9 no. 2:23 My-Apr '68.
Verbitskiy, M. - Problems of the reconstruction of industrial establishments. Prom. stroit. i inzh. soor. 10 no. 4:1-3 Ji-Ag '68.

72.5(471.54)—Sverdlovsk Province
Dobrov, M. - Lessons and conclusions. Na stroit. Ros. 9 no. 12:16 D '67.

72.5.5 Health and welfare buildings
Cherilav, R. - Projecting children's health improvement establishments. Arkhkol. 25 no. 7:24-28 '68.
Mashinskiy, V. - Organization of the network of structures for physical culture and sports in cities. Arkhkol. 25 no. 7:28-30 '68.
Mosor, L., Berlinshteyn, - Russian sanatoriums of the future. Na stroit. Ros. 9 no. 12:16 D '67.

72.5.5 Public entertainment and recreation buildings
Mazurko, I. K. - Effect of horizontal view angles on visibility conditions and visual perception in large universal halls. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:108-109 '68.
Raznikov, M. - Modern trends in the design of enclosed sport arenas. Arkhkol. 25 no. 7:30-37 '68.
Udalovskiy, Kh. - New standard designs of movie theaters for southern regions. Arkhkol. 25 no. 7:32 '68.

72.6 Sacred and funerary buildings. Ecclesiastical architecture
M'in, M. A. - Unity of pre-Mongolian Russian architecture. Sov. arkhkol. no. 4:87-94 '68.

72.6(471.24)—Yaroslavl Province
Vudorov, G. I. - Frescoes in the Spaso-Preobrazhenskiy Cathedral at Pereslavl'-Zalesskiy. Sov. arkhkol. no. 4:27-32 '68.

72.7.5 Scientific or research institutions, experimental stations, laboratories
Kulakov, A. D. - Ways for standardizing buildings of research institutes and laboratories. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:14-18 '68.

72.8 Residential buildings. Housing. Domestic architecture
Bereznoi, M. - Plaster technology of large panel construction abroad. Zhil. stroit. 11 no. 3:23-25 '68.
Klimadze, Z. - Evaluating the quality of apartment layout planning. Zhil. stroit. 11 no. 3:4-6 '68.
Kiriilov, I. A. G. - Using the experience of folk architecture in modern residential construction. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:62-71 '68.
Lukhanov, K. V. - Propagation of inside noise in large-unit frameless residential buildings. Izv. vyz. ucheb. sav. stroit. i arkhkol. 11 no. 3:108-118 '68.
Madvetsev, M. I., Khakala, R. P. - Modern structural features of buildings. Stroit. i arkhkol. 16 no. 11:16-18 N '68.
Tobretov, V. - Rural housebuilding. Zhil. stroit. 11 no. 3:11 '68.

72.8(477)—Czechoslovakia
Chavriata, B. - Tower type residential building in Prague. Na stroit. Ros. 9 no. 12:20 O '68.

72.8(477)—Ukrainian S. S. R.
Razibashko, V. I. - On the construction in the Ukrainian S. S. R. Stroit. i arkhkol. 16 no. 11:16-23 N '68.

72.8(487.3)—Belgium
Vylachov, V., Tsagayrov, I. - Housing construction in Belgium. Zhil. stroit. 11 no. 3:26-30 '68.

726 (Continued)

726(87) 63—Maritime Territory

Vedinkin, E. - New residential district in Vladivostok. Na stroit.Ros. 8 no.12:16-17 D '87.

729 Architectural details, decoration and fittings

Kristakli, P. - Promoting efficiency in finishing operations. Na stroit.Ros. 8 no.12:1-2 D '87.

73 SCULPTURE AND THE PLASTIC ARTS

73(65)—Italy

Ryadina, A.V. - An Italian canon of the 13th century portraying the Mother of God of Odigitry from Novgorod. Sov.arkheol. no.4:208-215 '86.

736 Ceramics art, pottery, etc.

Bulshov, M.M. - Classification of glazed pottery in the towns of the Golden Horde. Sov.arkheol. no.4:85-100 '83.

739 Artists materials

Arianov, M.L. - Origin of Georgian art. Sov.arkheol. no.4:27-45 '86.

739(25)—Iran

Lazarev, I.A. - A Sassanid plate from the Kama Valley. Sov.arkheol. no.4:262-264 '86.

74 DRAWING AND MINOR ARTS

741 Drawing and sketching

Makalov, I.I. - Role of architecture in the decorative creativity of children. Detsk.vosp. 41 no.9:47-53 '83.

744 Technical drawing, sketching

Gribova, O.M. - Use of technical drawings in manual training classes in school workshops. Uch.zap.NOPI 117:72-80 '83.

745 Decorative, ornamental, art handicrafts

Chernichenko, I.U. - The helper is trade. Mirov.mir 43 no.8:135-144 Ag '86.

747 Interior decoration

Balov, M.V. - Colors in a house (interior). Sov.vys.obshch.razv. i stroit.arkhit. 11 no.3:130-134 '86.

748 Artists glass and crystal

Sokolova, N.P. - Sculptured glass vase from Kapy. Sov.arkheol. no.4:184-186 '86.

75 PAINTING

Vasilev, G.L. - Frescoes in the Episo-Prechrasnitski Cathedral at Plovdiv. Kaloskiy. Sov.arkheol. no.4:217-222 '82.

77 PHOTOGRAPHY AND CINEMATOGRAHY

Chirkovskaya, T.V. - The art of seeing nature. Uch.zap. Ped.kat.Gerts. 237:107-140 '86.

77.03 Photographic operations, processes

Bergboov, I.U.M. - Use of "Leningrad-2" exposure meter for work on MUX-1 and MBI-6. Trudy Khab. sel'khoz. inst. 48:222-224 '86.

771 Photographic equipment

Pivovarov, I.I. - Electronic pulse control instrument for aerial cameras. Sov.vys.obshch.razv. i stroit.arkhit. no.8:98-104 '84.

Kozlov, K.A. - Possibilities of gear meshing in braking devices of aerial photoameters. Opt.-mekh. prom. no.8:34-40 Je '84.

Lyskov, V.M., and others. - Simplified generator for photographing biological specimens in a high-frequency current by S.D. Kirlian's method. Trudy Khab. sel'khoz. inst. 37 no.1:100-102 '84.

Vorobin, L.A., Stasul, A.M., Ahtushev, A.P. - Improving the reliability of motion-picture cameras by installation of modern electronic control and training equipment on the conveyor assembly line. Opt.-mekh. prom. no.8:81-87 Je '83.

77.1 Systems using isopropyl, metallic salts

Orlovskiy, I.U.A., Miller, M.A., Pashchinskiy, V.R. - Synthesis of organomercury salts of substituted phenylacetic acids. Vestn AN SSSR, Ser. Khim. nau. no.4: 124-125 '86.

774 Photochemical processes

Myshchikov, I.L. - Developing template drafts in the photo projection layout of curvilinear surfaces of ship hull structures. Budostr.i noc. score. no.1:64-70 '88.

Myshchikov, I.L. - Investigating the photo projection layout of curvilinear surfaces of ship hull structures. Budostr.i noc. score. no.1:58-63 '88.

776 Photolithography

Vorobinskiy, A.S., and others. - Photographic method of manufacturing glass photomasks with chrome coatings. Opt.-mekh. prom. no.8:43-50 Je '83.

777 Isopropyl and relief processes

Vorobinskiy, A.S., and others. - Photographic method of manufacturing glass photomasks with chrome coatings. Opt.-mekh. prom. no.8:43-50 Je '83.

778.1 Photocopying and painting

Bobriev, V.I., Potapova, I.V. - Methods for increasing volume depth in the calculation of a hologram. Radiotekh. i elektron. 13 no.12:2449-2472 M '88.

Dachenko, A.A., Shustakov, O.E. - Use of holograms in the analysis of wave beams in quasi-optical transmission lines. Radiotekh. i elektron. 13 no.12:2487-2488 M '88.

778.3 Photographic techniques with mainly scientific application

Arakelova, B.B., Khasanov, A.P. - Identification of singly and doubly charged particles using the δ -electron method. Izv. AN Kazakh. SSR, Ser. Fiz.-mat. nauk 3 no.3:41-48 My-Ag '88.

Heikin particles emitted in collisions of 17.5 MeV α -mesons with photoconductive nuclei. Izv. AN Kazakh. SSR, Ser. Fiz.-mat. nauk 3 no.3:71-79 My-Ag '88.

Kopylov, V.M. - Contrast quality of optical images of objects in aerial photography. Sov.vys.obshch.razv. i stroit.arkhit. no.6:87-92 '84.

Zakharov, L.N., Tshapko, S.L. - Microcameras for photographing cosmic particle tracks in a large diffusion. Sov.vys.obshch.razv. i stroit.arkhit. no.6:85-86 '84.

778.33 X-ray and gamma-ray photography. Radiography

Alakozov, V.R. - Separate nature of the vascular areas of the liver. Klin.khir. no.11:11-18 M '88.

Antony, A.L. - Case of Gaucher's disease. Klin.khir. no.11:44-45 M '85.

Antony, R.A. - Primary malignant pleural tumors. Klin.khir. no.11:44-45 D '85.

Debil, M.B., Cherenko, M.P. - Pneumomediastinography in the diagnosis of some tumors and tumorlike formations of the mediastinal organs. Klin.khir. no.11: 46-48 M '85.

Balashenko, I.A., and others. - Significance of contrast methods of study in the diagnosis of "polycystic disease" (Thyroglossal cysts). Klin.khir. no.8:31-34 B '88.

Chernysheva, A.A. - Topographic-anatomic basis of transnasal biopsy and liver cholangiography. Klin.khir. no.10:7-11 O '84.

Gorbunov, S.S. - Needle with ball hollow needle for retroperitoneoscopy. Klin.khir. no.11:73-75 M '84.

Gerasimov, G.L. - Closed lesion of the pancreas complicated by duodenal obstruction. Klin.khir. no.10: 70-80 O '86.

Kolomskiy, M.I. - Kuperianov is creating a retrosternal artificial esophagus from the large intestine. Klin.khir. no.12:5-7 D '85.

Lepikhov, A.G., Prakhov, M.I., Larionov, V.L. - Case of a hepatocellular carcinoma. Klin.khir. no.10:44-46 O '85.

Lerner, I.P., Babrik, M.V. - Case of early metastasis of gastric cancer into the adrenal glands. Klin.khir. no.11:54-70 M '86.

Makshina, M.K., Bask, A.P. - Preoperative diagnosis of spontaneous internal biliary fistulas. Klin.khir. no.10: 24-28 O '86.

Petrov, A.F., Shapostnikov, L.V. - Idiopathic cyst of the biliary duct. Klin.khir. no.10:48-70 O '81.

Portnoi, M.B. - Acute compression of the subclavian vessels. Klin.khir. no.8:44-45 B '85.

Rubtsov, V.S., Engin, B.M. - State of the collateral blood circulation in occlusion of major vessels, according to data of volumetric sphygmography. Klin.khir. no.12:37-41 D '85.

Viderli, M.M. - X-ray picture of alveolitis. Azerb.med. zhur. 48 no.12:7-11 D '85.

Zagorakova, Z.K., Babakova, R.G. - Diagnosis of xeroderma. Probl.tub. 43 no.8:81-85 '84.

778.8 Chromatography

Voronin, L.A., Stasul, A.M., Ahtushev, A.P. - Improving the reliability of motion-picture cameras by installation of modern electronic control and training equipment on the conveyor assembly line. Opt.-mekh. prom. no.8:81-87 Je '83.

78 MUSIC

"All flags will be our guests..." Sov.muz. no.11:124-126 M '87.

Apodolova, V., and others. - The author is officially right. Sov.muz. 30 no.11:128 M '86.

Arakelova, I., and others. - Members of the jury. Sov.muz. 30 no.11:77-87 M '86.

Chalk, M. - A school in a garden. Sov.muz. 30 no.10:107-113 M '86.

Hick, V. - An affirmation of heroism. Sov.muz. 30 no.11:7-13 N '86.

Doglasov-Berestovskiy, V. - Youth of the new culture. Sov.muz. no.11:61-71 M '87.

Delella, V. - An artist by dedication. Sov.muz. no.11:104-107 M '87.

Delella, V. - A romantic talent. Sov.muz. 30 no.8: 67-71 M '86.

Drekin, R. - "Title to the music that I like best." Sov.muz. 30 no.11:93-94 M '86.

Krasnaya, Orelav. - In the year of 2017. Sov.muz. no.11:154-160 M '87.

Ovchinnikov, I.U. - All the treasures of art for the people. Sov.muz. 30 no.11:89-90 M '86.

Goshovskiy, V. - Medals and medals. Sov.muz. 30 no.11:100-105 M '86.

Lavrovskiy, L. - Ode to the capital and its people. Sov.muz. 30 no.11:113-116 M '86.

In a musical orbit. Sov.muz. 30 no.11:124-127 M '86.

Kryk, K. - The discussion should be continued. Sov.muz. 30 no.11:129-130 M '86.

Il'ina, A. - The people, the creators. Sov.muz. 30 no.11:18-21 M '86.

Karavay, S.A. - Study of children's perception of the war songs in 3d grades. Muz. shkol. 34 no.3:5-8 O '85.

Khachatryan, A., and others. - Dedication to the October Revolution. Sov.muz. no.11:23-24 M '87.

Lomashov, S. - From my autobiography. Sov.muz. 30 no.11:25-28 M '86.

Lomashov, S. - To you, young singer! Sov.muz. no.11:117-123 M '87.

Palacio, Carlos, and others. - From foreign medals to the participants of great movements. Sov.muz. no.11:44-51 M '87.

Rakov, L. - Three out of three hundred. Sov.muz. 30 no.11:73-76 M '86.

Rakov, L. - They were not broken.... Sov.muz. 30 no.11:80-86 M '86.

Rakov, L. - A song is a weapon. Sov.muz. no.11: 56-60 M '87.

Sapozhnikov, P., Kuleva, M. - Talking about music. Sov.muz. no.11:104-105 M '87.

Strashchikova, I. - The first conductor. Sov.muz. no.10:107-112 M '87.

Together with the Party, together with the people. Sov.muz. no.11:10-12 M '87.

Tshadovskiy, V. - Complaints and formulas. Sov.muz. 30 no.11:23-24 M '86.

Vil'horostskiy, T., Kopelev, G., Likhov, V. - Quench on the discussion cannot be put off. Sov.muz. no.11: 117-118 M '86.

Belov, M. - A life dedicated to the struggle. Sov.muz. 30 no.11:80-86 M '86.

78(41)—United Kingdom and Northern Ireland

Dolota, S., Sikorski, T. - An evening in a writer's club. Sov.muz. no.11:146-149 M '87.

78(43)—Federal Republic of Germany

Khachatryan, K. - In six cities.... Sov.muz. 30 no.11:131-135 M '86.

78(43)—Poland

Popov, S. - The choir's anniversary. Sov.muz. 30 no.11:131-133 M '86.

78(43)—Hungary

A revival of revolutionary traditions. Sov.muz. no.11: 144-146 M '87.

78(41.82)—Ukraine S.S.R.

Gubchikova, M. - In the spirit of strength. Sov.muz. no.11:87-94 M '87.

78(47)—Ukraine S.S.R.

Kufnina, L. - A discovery in Poltava. Sov.muz. 30 no.11:86-88 M '86.

78(48)—Romania

Pollakov, L. - The legend of Dacia. Sov.muz. no.11: 140-144 M '87.

78(47.64)—Bulgaria S.S.R.

Kontseva, I., Kuntseva, O. - Slaves of Bulgaria. Sov.muz. 30 no.11:128-131 M '86.

78(47.65)—Czechoslovak National Area

Lytka, V. - Songs and dances of Chobot. Sov.muz. 30 no.11:96-100 M '86.

78(47)—Vietnam

Delormet, I. - Letters of a distant son. Sov.muz. no.11:127-129 M '87.

Letters of a distant son. Sov.muz. no.11:127-129 M '87.

78(48)—West and North Central Africa

Vladimirov, V. - From a novelist's diary. Sov.muz. 30 no.11:126-130 M '86.

79 ENTERTAINMENT, PASTIMES, GAMES, SPORT

79(87) 581) — Chukotka National Area
Lytkin, V. - Songs and dances of Chukotka. Sov. muz. 30 no. 11:54-58 N '64.

79(87) 582) — Domestic performances
Khadzhurina, A., and others. - Dedication to the October Revolution. Sov. muz. no. 11:33-40 N '67.
Lobachev, K. - The first ballerina. Sov. muz. no. 11: 112-116 N '67.
Sukin, K. - The immortal garrison. Sov. muz. no. 11: 74-84 N '67.

79(87) 583) — Moscow City
Khalil, B. - Meetings and reflections. Sov. muz. 30 no. 11:43-49 N '65.

79(87) 584) — Perm Province
Sukin, K. - "The fiery years." Sov. muz. 30 no. 11:56-59 N '64.

79(87) 585) — Estonian S. S. R.
Mikheyev, A. - One evening in "Vasentina." Sov. muz. 30 no. 11:30-34 N '65.

79(87) 586) — Sport Games, Athletics
79(87) 587) — Moscow Province
Children's automobile race track in the Moscow area. Av. transp. 48 no. 10:54-55.

A LITERATURE, BELLES LETTRES

80 Literary science and technique
Alimov, Chingiz. - Problems of bilingualism. As. i Afr. seg. 13 no. 3:23-33 F '69.
Gusakov, Raim. - The meaning of our work. As. i Afr. seg. 13 no. 3:31 F '69.
Lipshitz, A. A. - Structure of the image in the realistic tale. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Mural' and ed. Dia. - Traditions and innovation. As. i Afr. seg. 13 no. 3:36 F '69.
[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 10 '68.
Shteynman, I. V. - Mythology and art of ancient Greece in out-of-class reading lessons in the 8th grade. Uch. zap. Ped. inst. Gerts. 33:123-124 '64.
Tsyba, R. D. - The detail as a means of literary generalization. Rad. lit. 10 no. 6:13-15 Je '64.

80(8) — Asia
Kargulov, M. - True to the "spirit of Tashkent." As. i Afr. seg. 13 no. 3:24-27 F '69.

80(8) 40) — India
Kozlov, R., Suleimanov, O. - With Indian writers. As. i Afr. seg. 13 no. 3:24-27 F '69.

81 Russian literature
Dmitriyev, E. G. - Pignatelli-Lebron and apostrophe of realism "between classicism and romanticism." Uch. zap. Dal'n. vost. gos. un. no. 10:79-86 '64.
Dmitriyev, E. G. - Realism in the novels of the period of the French revolution in the 18th century. Uch. zap. Dal'n. vost. gos. un. no. 10:40-73 '64.
Dudchikovskiy, S. V. - The Mikhaylovskiy chronicle of Grigore Uroch. Rad. lit. 10 no. 6:44-45 Je '64.

802 Russian literature
Alimov, T. K. - Allegorical motifs in the works of K. A. Fedin. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Bilalov, I. A. C. - At the turning point of history, at the turning point of literature. Uch. zap. Ped. inst. Gerts. 33:174-181 '67.
Borshchovskiy, G. I. - From observations on historical digressions in the poetry of Lomonosov. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Borshchovskiy, G. I. - One search by V. M. Serebrennikov, the collector of folklore. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Dudchikovskiy, A. V. - Krylov and Kalashnikov (beginning of their relationship). Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Dudchikovskiy, A. V. - The study of Russia and its "living soul" in the poem of M. V. Ogorod. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Kozlov, I. V. - Creative history of M. K. Shalykov-Shalykovskiy's novel "The Ogorodov family." Uch. zap. Dal'n. vost. gos. un. no. 10:12-20 '64.
Oshchepkovskiy, A. V. - The screenplay as a form in the study of literary works and its role in the development of the student's vision of a literary image. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Orlov, A. I. - M. A. Nekrasov's poem "Who can be happy in Russia" (composition of the work). Uch. zap. Ped. inst. Gerts. 33:124-125 '64.

Oshchepkovskiy, M. K. - Means of disclosing the character of the hero in A. F. Pleschinskii's novel "The Burghers." Uch. zap. TOU no. 84:23-25 '68.
L. Z. - The seventh Tolstolovskiy lecture in Tula. Rad. lit. 10 no. 6:44-45 Je '64.
Kushnir, I. U. - Complexity and complication. Oktabr' 43 no. 6:121-123 Je '64.
Kolkova, M. K. - Guide for out-of-class reading of works on nature (from work experience). Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Korolova, L. I. - Basic stages in the work of S. O. Stakhov. Uch. zap. TOU no. 84:44-46 '64.
Kozlov, I. - New material on Fedin. Uch. zap. KSNII 34:231-232 '67.
Kulakova, T. F. - The happiness of Arkadiy Gaidar's heroes. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Kuz'mich, I. A. - Roads and crossroads: remarks about prose of our day. Oktabr' 43 no. 6:123-125 Je '64.
Lashin, V. - Writer, reader, and critic; second article. Nov. mir 43 no. 6:123-125 Ag '64.
Labada, I. U. - History of the Russian poem of the 1840's. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Liner, L. A. - Chekhov and the Caucasus. Uch. zap. KSNII 34:231-232 '67.
Lipshitz, A. A. - Structure of the image in the realistic tale. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Mikhaylovskiy, V. G. - Activities in the 10th grade students in the study of A. P. Chekhov's biography and works. Uch. zap. Ped. inst. Gerts. 33:123-124 '64.
Mikhaylovskiy, K. A. - These images in V. A. Lgovnikov's book of poems "Mid-century." Uch. zap. Dal'n. vost. gos. un. no. 10:12-20 '64.
Morozov, V. D. - A. I. Hertzen's overcoming of his romantic views and his criticism of same in the fiction. Uch. zap. TOU no. 84:18-23 '65.
Morozov, V. D. - Characteristics of A. I. Hertzen's romantic views in the fiction. Uch. zap. TOU no. 84: 3-13 '65.

Mikhaylovskiy, V. P. - "Accusatory literature" of the 1840's in the evolution of M. M. Saltykov-Shchedrin. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Mikhaylovskiy, A. I. - The last page of Popov's poetry (verse of the Shchegolevskiy prisoners 1857-1860). Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Mikhaylovskiy, M. V. - The little-known "Trilogy" of Russia during the time of Peter the Great and its handwritten copies. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Mikhaylovskiy, I. U. - Literature, school, textbook. Oktabr' 43 no. 6:123-125 Ag '64.
Pavlov, V. V. - History of the publication of the periodical "Zvezditsa." Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Pavlov, V. V. - Sentimental works in V. A. Lgovnikov's "Russian fairytales." Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Reis, E. A. - Work on the artistic word and image in the study of poetry in the 7th grade. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Rosenberg, I. V. - Work on the artistic word and image (personification) in the 6th grade. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.

Shteynman, I. V. - Use of satiric characterization in S. V. Shchegolev's stories of the fifties. Uch. zap. TOU no. 84: 66-77 '65.
Shteynman, M. L. - V. A. Stogolev's "Letters on Oshchepkov." Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Shteynman, L. S. - The Russian song cycle and historical songs of the 18th century. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Shteynman, M. M. - Intimate lyrics of M. A. Nekrasov and M. A. Dobrolubov. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Shteynman, P. V. - Russian aesthetics in the pre-Revolutionary and Decembrist periods. On the social role of art. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Shteynman, K. I. - M. M. Saltykov-Shchedrin's road from "Trilogy of Life" to "Old years in Pustynskoye." Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Stakhov, M. A. - Developing the concept of a "satirical image" in senior students. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Stakhov, P. V. - Apathetic and called for by the revolution from the platform of the Union of Writers of the R. F. S. S. R. Oktabr' 43 no. 6:124-125 Je '64.

Tikhonov, V. V. - History of the creation of A. I. Hertzen's article "Before the thunderstorm" (Conversation on deck). Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Tolstoy, E. F. - Characteristics of language in the novels of G. Mikhaylovskiy. Uch. zap. KSNII 34:231-232 '67.
Velikova, M. K. - Principles of realism in V. A. Lgovnikov's play "Armored train 14-68." Uch. zap. Dal'n. vost. gos. un. no. 10:12-20 '64.

Volkov, V. P. - Portrayal of war in the early works of L. M. Tolstoy. Uch. zap. Ped. inst. Gerts. 33:124-125 '67.
Vorobeyev, E. A. - P. V. Zaslodimskiy's "Chronicle of the village Shchegolev" (Genre and typology of characters). Uch. zap. Ped. inst. Gerts. 33:124-125 '67.

Karshin, S. D. - M. M. Prishvin's "Mourning of Beresid." [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.

Kozlov, K. K. - Humor in children's literature. Uch. zap. Dal'n. vost. gos. un. no. 10:12-20 '64.

Kozlov, T. V. - Study of the literary landscape in literature classes in the 6th grade. Uch. zap. Ped. inst. Gerts. 33:124-125 '64.

803 Ukrainian literature
Bilalov, I. V. - Books on the history of Ukrainian literature published in 1965. Rad. lit. 10 no. 6:44-45 Je '64.
Borshchovskiy, F. M. - Letter of B. Koshchukovskiy to P. I. Lavrov. Rad. lit. 10 no. 6:73-75 Je '64.
Borshchovskiy, F. M. - Strengthening of style. Rad. lit. 10 no. 6:73-75 Je '64.
Dudchikovskiy, G. - Roads of struggle and victory. Rad. lit. 10 no. 6:73-75 Je '64.
K. B. - At the Symposium on Problems of the Theory of Literary Translation. Rad. lit. 10 no. 6:73-75 Je '64.
Kozlov, S. H. - Cybernetics and art. Rad. lit. 10 no. 6:73-75 Je '64.
Kozlovskiy, S. H. - I. Pleschinskii-Lavrovskiy in Kishinev. Rad. lit. 10 no. 6:73-75 Je '64.
Kryukov, I. U. - Thirty years of work in literary studies. Rad. lit. 10 no. 6:73-75 Je '64.
Mikhaylovskiy, L. I. - Irena Franko in the periodical "Devian." Rad. lit. 10 no. 6:73-75 Je '64.
Mikhaylovskiy, L. I. - Observations on Franko's lyrics (1906-1908). Rad. lit. 10 no. 6:73-75 Je '64.
On the 100th anniversary of the death and the 10th anniversary of the birth of I. I. Franko. Rad. lit. 10 no. 6:73-75 Je '64.
Pavlovskiy, M. - Development of Irena Franko's aesthetic views. Rad. lit. 10 no. 6:73-75 Je '64.
Pavlovskiy, V. - Porphyria poetry by Irena Franko. Rad. lit. 10 no. 6:73-75 Je '64.
Shteynman, F. K. - Material for a biography of A. I. U. Tashkent. Rad. lit. 10 no. 6:73-75 Je '64.
Shteynman, F. K. - Oshchepkovskiy, artist with words. Rad. lit. 10 no. 6:73-75 Je '64.
Shteynman, F. K. - Strides of the October Revolution. Rad. lit. 10 no. 6:73-75 Je '64.
Shteynman, H. K. - Verse collection of H. K. Shteynman's collection "Garden of religious songs." Rad. lit. 10 no. 6:73-75 Je '64.
Shteynman, Oshchepkovskiy. - New material from the legacy of Irena Franko. Rad. lit. 10 no. 6:73-75 Je '64.

804 Other Slavic literature
Kozlov, I. U. - Ecological problems in V. Mikhaylovskiy's trilogy "Generation." Rad. lit. 10 no. 6:73-75 Je '64.
Kozlovskiy, V. O. - The Seventh Ukrainian Slavist Conference. Rad. lit. 10 no. 6:73-75 Je '64.

804.1 Ural-Altaic literature
Oshchepkovskiy, M. N. - I. A. Karavayev in Central Asia. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.
Oshchepkovskiy, M. N. - Some notes by I. A. Karavayev. [Uch. zap. Ped. inst. Gerts. 33:124-125 '64.

804.6 Caucasian literature
Alimov, A. - The epical in Adyghe heroic epic poetry. Uch. zap. KSNII 34:231-232 '67.
Kozlovskiy, K. A. - Studies of folklorism in Soviet Kabardin poetry. Uch. zap. KSNII 34:231-232 '67.
Kozlovskiy, S. I. - Some problems of a standard in the Kabardin-Cherkess language. Uch. zap. KSNII 34:231-232 '67.
Trankov, I. V. - Geography of the "Martiach." Uch. zap. KSNII 34:231-232 '67.

804.7 African literature
Daily life of literary Africa. As. i Afr. seg. 13 no. 3:24-27 F '69.
Kargulov, M. - True to the "spirit of Tashkent." As. i Afr. seg. 13 no. 3:24-27 F '69.

804.8 Literature in other minor languages
Polishchikov, M. M. - Mythic epic poetry. T. M. Borshchovskiy's tale "Son of the eagle." Uch. zap. Dal'n. vost. gos. un. no. 10:12-20 '64.

2. GEOGRAPHY, BIOGEOGRAPHY, HISTORY

81 GEOGRAPHY, EXPLORATION AND TRAVEL

810 General studies. Accounts of travels, expeditions, etc.
Alimov, A. S., and others. - Richard Makharovich Mursayev on his 80th birthday. Izv. AN SSSR, Ser. geog. no. 8:124-125 S-O '64.
Bobrov, E. G. - Biogeographical of physical expeditions of the Academy of Sciences. Bot. zhur. 63 no. 11:1647-1648 N '64.
Mursayev, E. M. - Soviet geography at the International Geographical Congress in New Delhi. Izv. AN SSSR, Ser. geog. no. 8:124-125 S-O '64.
Preparing for the 21st International Geographical Congress in New Delhi, India. Izv. AN SSSR, Ser. geog. no. 8: 1-7 S-O '64.

810(243) — Arctic Ocean
Lipshitz, V. A. - Discovering remains of the American drifting station "Charley" in the region north of Wrangel Island. Probl. Arkt. i Antark. no. 28:140-141 '64.

—Krupskaya, N. K.
 1) Kropotkin, E. - M. K. Kropotkin and the Komsomol, *Mar. chr.*, no. 10:88-91 O '68.
 2) Kropotkin, N. K.
 —Kudryavtsev, I. V.
 1) Vasil'evich Kudryavtsev; obituary, *Zav. ish.* 28 no. 5:138-140.
 —Kudryavtsev, M. A.
 Twenty-fifth birthday of M. A. Kudryavtsev, *Sov. geol.* II no. 11:118-121 M '68.
 —Kuklin, A. A.
 In memory of Prof. A. A. Kuklin, *Probl. ish.* 43 no. 4: 86 '68.
 —Kul'bosk, G. P.
 G. P. Kul'bosk on his 70th birthday, *Ism. tekhn.* no. 10:98 O '68.
 —Kutiev, B. M.
 Baitur Makhmerovich Kutiev; an anniversary, *Azerb. shk. khes.* 47 no. 13:3 of insert D '68.
 —Lamashov, S. I. A.
 Lamashov, S. - From my autobiography, *Sov. mss.* 30 no. 11:31-41 M '68.
 —Lando, V. I.
 Drobish, Vra. - "This is the music that I've loved," *Sov. mss.* 30 no. 11:91-94 M '68.
 Nepkhal'sk, P. I. - Toward the great date, *Nauch. shkola* 26 no. 10:13-30 O '68.
 —Likhovish, L. S.
 In memory of L. S. Likhovish, *Sov. geol.* II no. 11:103-110 M '68.
 —Lukashov, K. I.
 Kuznetsov Ignat'evich Lukashov on his sixtieth birthday, *Vestn. AN BSSR. Ser. khim. nav.* no. 4:124-128 '68.
 —Lomachenko, A. V.
 Trusev, I. U. M. - A. V. Lomachenko, an outstanding propagandist of Marxist-Leninist, *Vest. LGU* 23 no. 2:280-88 D '68.
 —Makarovich, A. B.
 Kozlov, M. I. - A. B. Makarovich's experience in aesthetic education through work, *Uch. zap. Nov. gos. ped. inst.* 10:19-28 '68.
 —Makarevich, B.
 Laskala, M. - The first ballerina, *Sov. mss.* no. 11: 12:165 M '68.
 —Mamonov, V. M.
 Professor Vladimir Evstaf'evich Mamonov on his 60th birthday, *Ekologicheskoe* no. 12:84 D '68.
 Vasil'yevich Mamonov on his 60th birthday, *Izv. vyz. uchob. zav. i prib.* 11 no. 11:126-127 '68.
 —Markin, M. T.
 M. T. Markin obituary, *Ism. tekhn.* no. 10:98 O '68.
 —Matasov, M. B.
 Gerasimov, M. V. - On the 60th birthday of Academician of the AN-USSR Academy of Agricultural Sciences "V. I. Lenin", Mikhail Matasov, *Vest. sel'khoz. mss.* 13 no. 11:118 M '68.
 —Mazurek, A. V.
 Mamonov, Aleksandr Vasil'evich on his 70th birthday and his 50th anniversary as a teacher and production specialist, *Izv. vyz. uchob. zav. i geod. i aerod.* no. 1: 117-140 '68.
 —Mikheev, L. A.
 Lav Aleksandrovich Mikheev on the 60th anniversary of his birth, *Tekhnologiya* 16 no. 11:188 D '68.
 —Mol'sk, B. A.
 Sergei Alekseevich Mol'sk; an obituary, *Vest. sel'khoz. mss.* 13 no. 11:123 M '68.
 —Mozil'son, G. P.
 Kiselev, V. V., Kuznetsov, A. D. - In memory of Georgii Petrovich Mozil'son, *Khur. ob. khim.* 26 no. 12: 1807-1811 D '68.
 —Mushkov, I. U. K.
 Iuri Konstantinovich Mushkov obituary, *Khish. i kond. prom.* 12 no. 11:44 M '68.
 —Mitsushin, M. T.
 Khoshkova, M. P. - A predecessor of engineers, *Put' i tekhn.* II no. 10:36-38 '68.
 —Mysaev, K. M.
 Abramov, A. S., and others. - Edward Makarovich Mysaev on his 40th birthday, *Izv. AN BSSR. Ser. sav.* no. 1:268-275 A-O '68.
 —Mysarginski, M. P.
 Kuznetsov, L. - A discovery in Poltava, *Sov. mss.* 30 no. 11:28-28 M '68.
 —Mysaev, K.
 Mysaev, V. - A romantic talent, *Sov. mss.* 30 no. 11: 61-71 M '68.

—Nikol'sev, S. M.
 Sergei Mikhailovich Nikol'sev on his 70th birthday, *Opt.-mekh. prom.* 38 no. 9:57-62 S '68.
 —Nisenz, G.
 Kyzlasov, L. R. - Nisenz on the old Khakas state, *Sov. arkhiv.* no. 4:100-78 '68.
 —Olshteyn, A. P.
 Borisovskii, P. L. - On the 60th birthday of A. P. Olshteyn, *Sov. arkhiv.* no. 4:107-140 '68.
 —Ostrov, P. I.
 Ostrov, Petr Ivanovich (1904-1948) *Stral. i dor. mash.* 13 no. 6:30 Ju '68.
 —Papashvili, K. I.
 Kozlovskii, P. L. - On the 60th birthday of K. I. Papashvili, *Meteor. i gidrol.* no. 9:114-115 S '68.
 —Pavlov, A. M.
 Aleksandr Mikhailovich Pavlov; obituary, *Pril. mekh.* 4 no. 11:140-141 '68.
 —Pirogov, N. I.
 Oboris, M. A. - First 30 years of applying M. I. Pirogov's operation in Russia, *Klin. khir.* no. 11:33-40 M '68.
 —Polshakov, E. S.
 40 years in the nuclear industry, *Khish. i kond. prom.* II no. 11:4-6 M '68.
 —Popov, A. B.
 Kozlov, A. G. - The Urals, the homeland of the inventor of the radio, *Dokl. na sekts. Uch. sov. Sverd. obl. krayev. mss.* no. 3:32-33 '68.
 —Ravich-Shcherbo, V. A.
 Levkin, F. I. - Vladimir Antonovich Ravich-Shcherbo; on his 75th birthday, *Probl. ish.* 43 no. 8:83-84 '68.
 —Rabinder, P. A.
 Petr Aleksandrovich Rabinder on his 70th birthday, *Uch. khim. shur.* 12 no. 5:78-79 '68.
 —Rizikov, A. M.
 In memory of Aleksandr Nikolaevich Rizikov; obituary, *Khish. tekhn.* 10 no. 8:19 '68.
 —Rodionov, P. V.
 Petro Vasilyevich Rodionov on his seventieth birthday, *Fizmatv.* 21 no. 8:18 '68.
 —Rozhnovskii, G. M.
 Struzhenkov, L. - The first conductor, *Sov. mss.* no. 11: 107-118 M '68.
 —Rutherford, E.
 Kapitza, P. L. - My memories of Ernest Rutherford, *Nov. mir* 43 no. 1:203-215 Ag '68.
 —Ruzhkov, P. V.
 P. V. Ruzhkov's 60th birthday, *Vest. svyazi* 20 no. 12: 24 D '68.
 —Shcherbo, P. K.
 Kuznetsov, P. G. - P. K. Shcherbo, a scientist and revolutionary, *Priroda* no. 11:94-94 '68.
 —Shcheta, V. I.
 Anashin, A. A., and others. - Viktor I'evich Shcheta on his 60th birthday, *Izv. AN BSSR. Ser. geog.* no. 6: 130 B-O '68.
 —Shvets, F. I.
 Vlasovskii, V. I., Stranits, M. D. - Work of F. I. Shvets, an engineer and inventor in the Ural Mountain region; based on the new archival materials, *Uch. zap. MGPI* no. 2:49-129 '68.
 —Sidorov, I. V.
 I. V. Sidorov on his 60th birthday, *Vop. med. khim.* 14 no. 8:144-145 M-D '68.
 —Sizel'shteyn, V. V.
 Viktor Vasil'evich Sizel'shteyn (1906-1963); obituary, *Meteor. i gidrol.* no. 9:123-123 S '68.
 —Skriban, K. I.
 Kiselev, V. M. - On the 60th birthday of Academician Konstantin Ivanovich Skriban, *Vest. sel'khoz. mss.* 13 no. 11:123-124 M '68.
 —Sukhin, V. I.
 Kuznetsov, L. S., Trifanov, P. N. - In memory of Vasilii Ivanovich Sukhin, *Sov. arkhiv.* no. 4:122-123 '68.
 —Sukhin, M. D.
 Mikhail Dmitrievich Sukhin; obituary, *Izv. vyz. uchob. zav. i geod. i aerod.* no. 1:151-154 '68.
 —Sukhin, M. M.
 Balaksha, L. L. - Sixtieth birthday of M. M. Sukhin, *Probl. Arkt. i Antark.* no. 28:184-188 '68.
 —Sukhin, A. A.
 Sukhin, K. - "The many years," *Sov. mss.* 30 no. 11:28-30 M '68.

—Sukhin, V. A.
 Sukhin, M. - What is Pavlov? *Dobro utro.* 41 no. 6:11-15 '68.
 —Tallipov, Sh. T.
 Shukur Tallipovich Tallipov is 60 years old, *Uch. khim. shur.* 12 no. 4:68 '68.
 —Tatle, E. V.
 Chaplovich, E. I. - E. V. Tatle's life and work in the pre-revolutionary period, *Uch. zap. MGPI* no. 2:49-129 '68.
 —Tosha, M. P.
 Savich, V. P. - In memory of Mikhail Petrovich Tosha July 28, 1883 - May 28, 1967, *Bot. shur.* 53 no. 11: 1850-1853 M '68.
 —Tornis, V.
 Kholodov, A. - One evening in "Yuzanskaya," *Sov. mss.* 30 no. 11:30-34 M '68.
 —Trapsh, M. M.
 Bolov'ev, L. M., Pechalla, V. - M. M. Trapsh; obituary, *Sov. arkhiv.* no. 4:304-306 '68.
 —Vasil'ev, N. A.
 Works of Professor N. A. Vasil'ev 1878-1918, *Tekhn. prom.* 28 no. 12:74-75 D '68.
 —Vvedenskii, A. I.
 Baitov, A. I., Kozlovskii, B. S., Anashin, M. M. - Aleksandr Ivanovich Vvedenskii on his 70th birthday, *Bot. shur.* 53 no. 11:1844-1841 M '68.
 —Yost, Ch. W.
 People and events, *Nov. vrazn.* 27 no. 7:18 F '68.
 —Zukhov, B. S.
 Bader, O. M. - In memory of Boris Sergeevich Zukhov, *Sov. arkhiv.* no. 4:304-306 '68.
 —Zubryts'kiy, D.
 Hertl'skiy, H. R. - Historical concepts of D. Zubryts'kiy, *Viznyk L'viv. un. Ser. ist.* no. 4:63-70 '67.
 62 HISTORY
 620 Historical sciences. Historical research. Collateral and auxiliary sciences.
 Barmineva, K. P. - Problems in developing schoolchildren's imagination; based on material from the study of history in the 8th grades, *Uch. zap. Nov. gos. ped. inst.* 10:96-97 '68.
 Chaplovich, E. I. - E. V. Tatle's life and work in the pre-revolutionary period, *Uch. zap. MGPI* no. 2:49-129 '68.
 [New foreign books on the social sciences; economics, philosophy, history, international relations] *Mov. knigi na rub. go. obshchestv. nauk; ekonom. i soc. i filosof. dokl. otd.* 11 no. 12 D '68.
 620(471.64)—Zukhov-Bader A. B. S. R.
 I. T. - On the 60th anniversary of the October Revolution, *Uch. zap. KDMU* 24:268-272 '67.
 620(477.8)—Western Ukraine
 Hertl'skiy, H. R. - Historical concepts of D. Zubryts'kiy, *Viznyk L'viv. un. Ser. ist.* no. 4:63-70 '67.
 620(5)—Asia
 Barmineva, K. P., Oskovskii, I. U. - Center of Soviet Oriental studies, *As. i Afr. seg.* 12 no. 2:2-3 F '69.
 Vasil'ev, N. A. - International contacts of Soviet Orientalists, *As. i Afr. seg.* 12 no. 2:4-5 F '68.
 620.1 History as a science. Theory. Philosophy. Historiography.
 Pechalla, A. A. - Critical forms of qualitative leaps, *Uch. zap. Perva. gos. un.* no. 12:43-48 '68.
 Pechalla, A. A. - Some sources of the diversity of qualitative leaps, *Uch. zap. Perva. gos. un.* no. 12:43-48 '68.
 620.2 Methods of historical study
 Baitov, O. S. - Problems of the Marxist methodology of history in Dmitriy Barmineva's works, *Viznyk L'viv. un. Ser. ist.* no. 4:63-70 '67.
 620.22 Documentary sources
 Kyzlasov, L. R. - Nisenz on the old Khakas state, *Sov. arkhiv.* no. 4:100-78 '68.
 620.26 Archaeology. Antiquities
 Artyukhin, M. I. - Origin of Soyuzkars art, *Sov. arkhiv.* no. 4:17-48 '68.
 Bader, O. M. - In memory of Boris Sergeevich Zukhov, *Sov. arkhiv.* no. 4:122-123 '68.
 Borisovskii, P. L. - On the 60th birthday of A. P. Olshteyn, *Sov. arkhiv.* no. 4:107-140 '68.

634.36 (Continued)

- Kleina, L. S., Tretyakov, P. N. - In memory of Vladimir Ivanovich Sadraev. *Sov. arkh.* no. 4:234-243 '63.
 Kleina, L. S. - On the 70th birthday of M. I. Artamonov. *Sov. arkh.* no. 4:181-184 '63.
 Kleina, L. S. - Typical procedures in modern criticism of Marxism in archaeology. *Sov. arkh.* no. 4:135-180 '63.
 Litvinov, G. M. - With the eyes of ancient artists. *Pyroda* no. 1174-78 '63.
 Tikhonov, A. V. - Cultural relations between the Mordvins and Vlachs in the 18th-19th centuries. *Sov. arkh.* no. 4:177-180 '63.

630.26(47.8)—Ural regions
 Romanovskiy, A. I., Sushchikova, M. A., Danilovskiy, T. M. - Study of metal articles from excavations in the Central Ural region. *Sov. arkh.* no. 4:232-240 '63.

630.26(47.8)—Perm Province
 Lunegov, I. A. - A stone tablet from the Khma Valley. *Sov. arkh.* no. 4:264-264 '63.

630.26(47.8)—Ukrainian S.S.R.
 Barabkova, S. P., Makhov, T. B. - Dating samples of the Chernyakhov culture by the archaeomagnetic method. *Sov. arkh.* no. 4:242-243 '63.
 Chilik, K. K., Fedorov, B. G. - Onomastic exploration of submerged cities. *Sov. arkh.* no. 4:134-137 '63.
 Tretyakov, P. N. - The Karabakh culture and the Slavs of the Dnieper Valley. *Sov. arkh.* no. 4:23-25 '63.

630.26(47.8)—Caucasus and Transcaucasia
 Malkin, V. A., Mikhaylov, R. M., Marinov, L. G. - Metallurgy of the Ancient Caucasus. *Sov. arkh.* no. 4:16-24 '63.

630.26(47.8)—Abkhaz A.S.S.R.
 Sokolov, L. M., Pashkova, V. - M. M. Trupel; obituary. *Sov. arkh.* no. 4:234-235 '63.

630.26(47.8)—Krasnodar Territory
 Kiselevskiy, M. D. - One more on one Mikhaylovskiy. *Sov. arkh.* no. 4:232-240 '63.

630.26(47.8)—Central Asia
 Berdyev, O., Orlov, O. - Conference on the problems of the archaeology of Central Asia. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:27-28 '63.

630.26(47.8)—Turkmen S.S.R.
 Koshov, B. D. - New data on the mosque-pantheon of Kusa. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:21-22 '63.

630.27 Epigraphy and paleography

630.27(47.8)—Bashkir A.S.S.R.
 Aldunov, R. B. - The Tanga-Tash rock in Bashkiria. *Sov. arkh.* no. 4:232-240 '63.

630.28 General history. World history
 [New foreign literature on history, archaeology, and paleography] *Nov. inostr. lit. po ist., arkh.* no. 10 '63.

64 Medieval and modern history

64(438)—Poland
 Melnikovskiy, L. I. - Policy of Polish bourgeoisie and landowning leaders in eastern Galicia, August 1914-July 1918. *Vysnyk L'viv. un. Ser. ist.* no. 4:44-53 '67.
 Tyshko, O. H. - How the Lvov proletariat fought at the barricades in April 1936. *Vysnyk L'viv. un. Ser. ist.* no. 4:21-21 '67.

64(439)—Hungary
 Shvykta, B. - Vanguard of the Hungarian workers. *Agitator* no. 23:16-23 N '63.

64(474.8)—Lithuanian S.S.R.
 Stetsko, A. - In one family of fraternal nations. *Agitator* no. 23:13-17 N '63.

64(475.4)—Turkmen S.S.R.
 Ananyev, O. - Turkmenistan in the first half of the 19th century as described by Mirza Mirza Kasim. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 4:18-18 '63.

64(507)—Vietnam
 Sereda, I. G. - Peoples of struggle. *Sov. pravoslav. M.* no. 21:26-30 N '63.
 What will reality win? *Marxism, Leninism* 14 no. 1: 27-28 '63.

64(548)—Southern Africa (including Rhodesia)
 Proskakov, M. - The word "Thesaurus." *Am. i Afr. seg.* 13 no. 2:27 F '63.

64(580)—Indonesia
 Dughi, L. - In the Diponegoro Museum. *Am. i Afr. seg.* 13 no. 2:23-23 F '63.

64(583) History of World War II, 1939-1945
 Aleksandrov, G. - Nobody should forget the lessons of the past! *Marxism, Leninism* 14 no. 2:110-113 '63.
 Kharvov, V. - The task has been accomplished. *Av. i kosm.* no. 13:24-25 D '63.

647 History of Russia, U.S.S.R.
 Kharkov, V. V. - Is the myth of "people's capitalism" true? *Dokl. eksp. MOPT* no. 2:29:28-29 '63.

647(471.3)—Moscow Province
 Shcherbov, V. I. - Machinery industry workers of the Moscow Government under the yoke of capitalists and tsarism on the eve of the Revolution of 1905-1907. *Dokl. eksp. MOPT* no. 2:29:34-35 '63.

647(471.8)—Ural regions
 Kalkachy, V. I. - Unrest at industrial enterprises of Ural in the 1760's and 1780's. *Dokl. na sess. Dzh. sov. Sverd. obl. kraev. muz.* no. 3:12-17 '63.

647(474.3)—Latvian S.S.R.
 Vase, A. - Great transformations. *Agitator* no. 23: 17-18 N '63.

647(477.8)—Donetsk Basin
 Rehin, V. M. - Labor problems discussed at the congresses of the mine owners in Southern Russia. *Uch. zap. MOPT* no. 3:29:32-33 '63.

647(477.8)—Western Ukraine
 Melnikovskiy, L. I. - Policy of Polish bourgeoisie and landowning leaders in eastern Galicia, August 1914-July 1918. *Vysnyk L'viv. un. Ser. ist.* no. 4:44-53 '67.

Kich, V. F. - Development of feudal rent on the crown lands of the Lublin region in the second half of the 16th century and the early 17th century. *Vysnyk L'viv. un. Ser. ist.* no. 4:78-81 '67.

Kla, I. A. P. - Textile manufacturing based on hand labor in Galicia, second half of the 18th century-first half of the 19th century. *Vysnyk L'viv. un. Ser. ist.* no. 4:71-78 '67.

Oshchepkov, V. K. - Role of the Social Democratic Party of Galicia in the revolutionary movement of the period of imperialism. *Vysnyk L'viv. un. Ser. ist.* no. 4:33-43 '67.

Yorshchik, I. A. P. - Ivan Franko on the class nature of wars in Galicia, the 1870's and 1880's. *Vysnyk L'viv. un. Ser. ist.* no. 4:33-43 '67.

Tyshko, O. H. - How the Lvov proletariat fought at the barricades in April 1936. *Vysnyk L'viv. un. Ser. ist.* no. 4:21-21 '67.

647.084 History of Russian Revolution, 1917-1920
 Kirovskiy, I. A. M. - From the Urals to Chongar via Siberia. *Dokl. na sess. Dzh. sov. Sverd. obl. kraev. muz.* no. 3:23-23 '63.
 Pyatkov, S. - "Personally known." *Av. i kosm.* no. 13: 24-25 D '63.

647.084(471.8)—Ural regions
 Kirovskiy, V. M. - From Kuybyshev to Makhovskiy Tagil. *Dokl. na sess. Dzh. sov. Sverd. obl. kraev. muz.* no. 3: 21-23 '63.
 Melnikovskiy, L. I. - Campaigns against the General Dzh. Kirov. *Dokl. na sess. Dzh. sov. Sverd. obl. kraev. muz.* no. 3:23-23 '63.
 Tikhonov, A. M. - The medical service of the first Krasnykh Rifle Regiment. *Dokl. na sess. Dzh. sov. Sverd. obl. kraev. muz.* no. 3:23-23 '63.

AUXILIARY CLASS BY PLACE

(177) Underdeveloped and underdeveloped areas
 see under the following numbers: 536

(211) Cold, high regions
 see under the following numbers: 540.4; 541.4; 542.4; 543.4; 544.4; 545.4; 546.4; 547.4; 548.4; 549.4

(213) Hot (tropical, subtropical) regions
 see under the following numbers: 549

(234) Mountains of Europe
 see under the following numbers: 551.4; 552; 553

(236) Mountains of Asia
 see under the following numbers: 551.2; 553

(261) Atlantic Ocean
 see under the following numbers: 550.4; 551.2; 551.4; 552; 553; 554

(261.1) North Atlantic Ocean
 see under the following numbers: 551.4; 551.5

(263) Mediterranean Sea, including Adriatic and Aegean Seas
 see under the following numbers: 554; 557

(263.8) Black Sea
 see under the following numbers: 552; 554; 557

(263.8) Caspian Sea
 see under the following numbers: 552.7; 554

(263.8) Aral Sea
 see under the following numbers: 557

(263.8) Pacific Ocean
 see under the following numbers: 550.4; 551.2; 551.4; 554; 555

(263.8) Red Sea
 see under the following numbers: 555

(263.8) Arctic Ocean
 see under the following numbers: 550.3; 551.2; 551.4; 551.5; 552; 553; 554; 555; 556

(263.8) Antarctic Ocean
 see under the following numbers: 551.5

(263.8) European rivers
 see under the following numbers: 548; 551.4; 551.7; 552

(263.8) Asian rivers
 see under the following numbers: 551.5

(263.8) Lakes, ponds, etc.
 see under the following numbers: 551.5; 551.7

(4/1.103) Communist countries of the world
 see under the following numbers: 51; 52; 53; 54; 55

(4/1.104) Capitalist countries of the world
 see under the following numbers: 56; 57; 58; 59; 60; 61; 62; 63; 64; 65; 66; 67; 68; 69; 70; 71; 72; 73; 74; 75; 76; 77; 78; 79; 80; 81; 82; 83; 84; 85; 86; 87; 88; 89; 90; 91; 92; 93; 94; 95; 96; 97; 98; 99; 100

(4) Europe
 see under the following numbers: 527

(4.0) European capitalist countries
 see under the following numbers: 530.4; 531.4; 532.4; 533.4

(41) United Kingdom and Northern Ireland
 see under the following numbers: 537; 538.4; 539.4; 540; 541; 542

(430) Germany
 see under the following numbers: 539.06

(431) German Democratic Republic
 see under the following numbers: 539.06; 539.07; 539.08; 539.09; 539.10; 539.11; 539.12; 539.13; 539.14; 539.15; 539.16; 539.17; 539.18; 539.19; 539.20; 539.21; 539.22; 539.23; 539.24; 539.25; 539.26; 539.27; 539.28; 539.29; 539.30; 539.31; 539.32; 539.33; 539.34; 539.35; 539.36; 539.37; 539.38; 539.39; 539.40; 539.41; 539.42; 539.43; 539.44; 539.45; 539.46; 539.47; 539.48; 539.49; 539.50; 539.51; 539.52; 539.53; 539.54; 539.55; 539.56; 539.57; 539.58; 539.59; 539.60; 539.61; 539.62; 539.63; 539.64; 539.65; 539.66; 539.67; 539.68; 539.69; 539.70; 539.71; 539.72; 539.73; 539.74; 539.75; 539.76; 539.77; 539.78; 539.79; 539.80; 539.81; 539.82; 539.83; 539.84; 539.85; 539.86; 539.87; 539.88; 539.89; 539.90; 539.91; 539.92; 539.93; 539.94; 539.95; 539.96; 539.97; 539.98; 539.99; 540.00

(432) Federal Republic of Germany
 see under the following numbers: 539; 540; 541; 542; 543; 544; 545; 546; 547; 548; 549; 550; 551; 552; 553; 554; 555; 556; 557; 558; 559; 560; 561; 562; 563; 564; 565; 566; 567; 568; 569; 570; 571; 572; 573; 574; 575; 576; 577; 578; 579; 580; 581; 582; 583; 584; 585; 586; 587; 588; 589; 590; 591; 592; 593; 594; 595; 596; 597; 598; 599; 600

(436) Austria
 see under the following numbers: 539.14

(437) Czechoslovakia
 see under the following numbers: 539; 540; 541; 542; 543; 544; 545; 546; 547; 548; 549; 550; 551; 552; 553; 554; 555; 556; 557; 558; 559; 560; 561; 562; 563; 564; 565; 566; 567; 568; 569; 570; 571; 572; 573; 574; 575; 576; 577; 578; 579; 580; 581; 582; 583; 584; 585; 586; 587; 588; 589; 590; 591; 592; 593; 594; 595; 596; 597; 598; 599; 600

(438) Poland
 see under the following numbers: 539; 540; 541; 542; 543; 544; 545; 546; 547; 548; 549; 550; 551; 552; 553; 554; 555; 556; 557; 558; 559; 560; 561; 562; 563; 564; 565; 566; 567; 568; 569; 570; 571; 572; 573; 574; 575; 576; 577; 578; 579; 580; 581; 582; 583; 584; 585; 586; 587; 588; 589; 590; 591; 592; 593; 594; 595; 596; 597; 598; 599; 600

(439) Hungary
 see under the following numbers: 539.04; 539.7; 541.2; 542; 543

(44) France
see under the following numbers: 337, 330 118,
338.96; 631.301

(45) Italy
see under the following numbers: 333; 330.14; 73

(466) Spain
see under the following numbers: 331; 337

(476) European U. S. S. R.
see under the following numbers: 641.4, 641.5;
643.9; 642.4

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
see under the following numbers: 631, 334.1; 331;
37; 630.8; 630.113, 643.1; 60

(471.1) Northern R. S. F. S. R.
see under the following numbers: 671, 672

(471.11) Archangel Province
see under the following number: 671

(471.12) Vologda Province
see under the following numbers: 641.1; 631.4;
631.6; 631.83; 631.9, 633.4; 634.1; 630.08;
636.1

(471.13) Komi A. S. S. R.
see under the following numbers: 631.6; 643.1,
633.3; 636.1; 634.9

(471.14) Northwestern R. S. F. S. R.
see under the following numbers: 634.4

(471.15) Murmansk Province
see under the following numbers: 641.2; 632.9

(471.16) Khatanga A. S. S. R.
see under the following numbers: 67; 371.6

(471.17) Leningrad Province
see under the following numbers: 670.4; 633

(471.171) Leningrad City
see under the following numbers: 37; 631; 60.01;
607; 604.1

(471.18) Novgorod Province
see under the following numbers: 330.08, 633.1;
37

(471.19) Pskov Province
see under the following numbers: 330.1; 641.2;
643.3; 644; 618.96; 631.6; 636.9; 633.1;
633.4; 634.06; 636.3; 634.6; 637.1; 60.03

(471.20) Moscow City
see under the following numbers: 343.6; 344.4, 670;
611.318; 631.36; 631.307; 631.6; 601.731;
604.113; 630.13; 639.19; 640.6; 633.3; 603.4;
60; 60.06; 708

(471.21) Moscow Province
see under the following numbers: 331.1; 331.07;
338.1; 340.48; 641.6; 617; 631.4, 606.6;
604.7; 636.1; 706; 647

(471.212) Yaroslavl Province
see under the following number: 631.1

(471.213) Ryazan Province
see under the following number: 634.0

(471.214) Vladimir Province
see under the following numbers: 631.634; 604.4;
60; 604.6; 677

(471.215) Ivanovo Province
see under the following number: 677

(471.216) Tver Province
see under the following number: 706

(471.318) Kaluga Province
see under the following numbers: 333.1; 631.1,
631.4, 667

(471.32) Central Black Earth region
see under the following numbers: 631.6; 633.1,
644.1

(471.321) Orel Province
see under the following numbers: 333.1, 370.17;
631.6; 633.3; 636.1

(471.323) Lipetsk Province
see under the following numbers: 63; 600

(471.323) Kursk Province
see under the following numbers: 641.8; 633.7

(471.324) Voronezh Province
see under the following number: 632.3

(471.326) Belgorod Province
see under the following numbers: 632.36; 606.8

(471.327) Penza Province
see under the following numbers: 633.8; 601.1

(471.328) Mordvin A. S. S. R.
see under the following number: 671

(471.331) Kalmuk Province
see under the following numbers: 331.07; 643.1;
604.8

(471.333) Bryansk Province
see under the following numbers: 600.1; 600.3

(471.341) Gorky Province
see under the following numbers: 641; 643.1

(471.348) Kiev Province
see under the following numbers: 649; 641.7;
643; 643

(471.4) Central and Lower Volga region
see under the following number: 641.4

(471.41) Tatar A. S. S. R.
see under the following numbers: 670.8; 631.6;
632.3

(471.42) Ulyanovsk Province
see under the following number: 644.8; 60

(471.43) Kuybyshev Province
see under the following numbers: 308.6; 631.8

(471.44) Saratov Province
see under the following numbers: 631.611; 640.6;
644.1

(471.46) Volgograd Province
see under the following numbers: 371; 604; 631.306;
604.8

(471.46) Astrakhan Province
see under the following numbers: 338.06; 361.77;
641.6; 633.6; 631.4; 631.8; 633.1; 630.066

(471.5) Ural region
see under the following numbers: 330.01; 331.6; 37;
648.9; 641.4; 643; 643; 641.4; 631.6; 641.9;
618.2; 633.7; 630.113; 631.4; 634.0; 600.1
616; 630.36; 647; 647.604

(471.66) Bashkir A. S. S. R.
see under the following numbers: 303.6; 331.06;
644.6; 631; 633.3; 63; 631.3; 634.6; 604.8,
604.7; 60; 604.8; 70; 630.27

(471.63) Perm Province
see under the following numbers: 331.641; 371.134;
641.2; 641.7; 643; 633.3; 706; 630.34

(471.64) Bryansk Province
see under the following numbers: 331.07, 643; 631,
631.774, 633.3, 633.3, 643.1; 606.3, 60;
711.8; 725.4

(471.65) Chelyabinsk Province
see under the following numbers: 331.63; 650.8,
631.77, 634.0; 604.1, 60

(471.66) Orenburg Province
see under the following numbers: 372, 631.1,
604.7, 60.03

(471.6) Northern Caucasus
see under the following number: 631.6

(471.61) Rostov Province
see under the following numbers: 67; 331.3; 631;
630.8; 631.6; 633.1, 644.7

(471.63) Krasnodar Territory
see under the following numbers: 331.641; 363;
640; 600.4; 650.8; 631.3; 641.49; 651.7;
641.8; 633; 633.9; 674.8; 606; 616.6; 633.3,
636.1, 631.4; 631.63; 631.9; 633, 633.1;
633.73; 634.1, 634.8; 677

(471.63) ADYGEI AUTONOMOUS PROVINCE
see under the following numbers: 39; 363; 308

(471.63) Stavropol Territory
see under the following number: 632.3

(471.64) Kabardin-Balkar A. S. S. R.
see under the following numbers: 30; 630; 641.3;
652; 630

(471.66) North Ossetian A. S. S. R.
see under the following numbers: 631.6; 606.1

(471.66) Chechen-Ingush A. S. S. R.
see under the following numbers: 653; 711

(471.67) Dagestan A. S. S. R.
see under the following numbers: 331.2; 648.8,
634.4

(474) Beliz Republic
see under the following number: 641.6

(474.3) Estonia A. S. R.
see under the following numbers: 343.1; 373,
643.1; 613.6; 616.06; 616.3; 601.6; 634.1;
640.2; 604.1; 677; 606; 708

(474.3) Latvia A. S. R.
see under the following numbers: 606; 63; 370.01,
343.1; 613.6; 616.06; 616.3; 601.6; 634.1;
607.2; 636.1; 677; 711.3; 647

(474.5) Lithuania A. S. R.
see under the following numbers: 330.01, 343.1;
366.7, 371.9; 641.48; 641.6; 606; 631.6;
637.3; 604.6; 677.4; 677; 64

(476) White Russia A. S. R.
see under the following numbers: 601; 611, 640.4;
651.3; 601.46; 64; 640.1; 677; 711.3

(477) Ukraine A. S. R.
see under the following numbers: 63; 601; 31, 313;
330.04; 331; 331.3; 331.601; 336.1; 37;
371.136; 373; 373; 374, 375; 361.6; 306; 633;
640.34; 640.4; 640.6; 641; 641.1; 641.4;
641.46; 641.66; 641.6; 641.7; 643; 643; 641.6;
607; 613; 614; 614.2; 616.1; 616.1; 616.7;
617; 631; 631.006; 631.311; 631.66; 631.6;
632.3, 632.3; 633.7; 634; 637.3; 631.4, 631.8;
631.9; 633; 633.1; 633.6; 633.8; 606; 630.1;
640.3, 600.8; 644.1; 644.12; 644.16; 644.6;
644.7; 600.1; 600.8; 600.8, 600.1; 677.6; 673;
675; 677; 677.4; 677.6; 687; 64; 60.06; 607;
711.4; 713; 713.3; 713.3; 736; 73; 611; 630.36

(477.6) Donetsk Basin
see under the following numbers: 331; 67; 641.3;
641.49; 633.3; 633.3; 633.4; 636.6; 633.8;
633.6; 713.3; 713.3; 647

(477.8) Western Ukraine
see under the following numbers: 312; 328.04; 333;
338.2; 338.6; 37; 378; 614; 614.8; 618.006;
618.2; 622.6; 631.1; 631.3; 631.4; 631.6;
631.8; 633; 633.6; 633.8; 633.8; 634.0; 677
636; 647

(477.8) Cuban
see under the following numbers: 338.1; 338.68;
641.3; 641.3; 641.4; 641.5

(478) Maldives S. S. R.
see under the following numbers: 378; 64; 647.9;
643.9; 677.2; 681.30; 633.1; 634; 644.2;
644.7; 69

(479) Cameroon and Togo
see under the following numbers: 548; 551.3; 582;
671; 648.6; 638.6; 631.4; 630.30

(479.33) Georgia S. S. R.
see under the following numbers: 68; 648; 641.2;
641.3; 641.5; 641.7; 682; 683; 684; 683;
684.9; 686.4; 698; 631.4; 643.31; 686.6

(479.34) Abkhaz A. S. S. R.
see under the following numbers: 622.3; 630.36

(479.34) Azerbaijan S. S. R.
see under the following numbers: 378; 641; 641.2;
641.7; 643; 643.9; 633.2; 632.3; 632.8;
637; 636.8; 67/68

(479.35) Armenia S. S. R.
see under the following numbers: 641.48; 641.48;
641.6; 638.6; 637; 637.1; 637.2; 633.3; 633.1;
634.1; 686; 671

(480) Finland
see under the following numbers: 306; 327

(481) Norway
see under the following numbers: 618

(482) Sweden
see under the following numbers: 37; 610

(483) Netherlands
see under the following numbers: 613.3

(484) Switzerland
see under the following numbers: 738.8

(485) Greece
see under the following numbers: 323

(486) European communist countries as a group
see under the following numbers: 230.2; 321; 332;
632.3; 632.10

(486.5) Albania
see under the following numbers: 327

(487.1) Yugoslavia
see under the following numbers: 61; 63; 321;
388.8

(487.3) Bulgaria
see under the following numbers: 62; 37; 618.6;
618.97; 628.9; 622.3; 677.4; 736

(488) Russia
see under the following numbers: 78

(5) Asia
see under the following numbers: 61; 383.1;
381; 38; 636

(61) China
see under the following numbers: 327; 330.06;
332; 640.0

(61.3) Mongolian People's Republic
see under the following numbers: 631.2; 631.7

(62) Japan
see under the following numbers: 327; 604; 654;
637.8; 712

(623) Yaman
see under the following numbers: 327; 34.08

(640) India
see under the following numbers: 228; 231.2;
236.9; 60; 611

(646.7) Ceylon
see under the following number: 640

(648) Pakistan
see under the following numbers: 308; 372.6; 641.2;
610

(649) Iran
see under the following numbers: 630; 365.16; 641.6;
739

(66) Near East
see under the following numbers: 327; 641

(667) Iraq
see under the following number: 361

(668.1) Syria
see under the following numbers: 326; 627.8

(668.4) Israel
see under the following number: 327

(67) Saudi U. S. S. R.
see under the following numbers: 641.6; 618.6;
674

(671) Ashia R. S. F. S. R.
see under the following numbers: 601; 328.9;
361.63; 640.8; 641.1; 641.6; 641.7; 641.8;
643; 643; 677.4; 638.8; 633.2; 633.3; 638.1;
634.0; 646; 69; 644.1; 711.4; 61

(671.12) Yemeni People
see under the following numbers: 641.3; 641.4;
631.6; 632.2; 632.3; 634.6; 68

(671.13) Oman People
see under the following numbers: 618.006; 618.2;
618.3; 618; 621.6; 621.4; 648.8

(671.14) Moroccan People
see under the following numbers: 641.7; 632.1;
642.1; 677.4; 68; 640.0

(671.15) Arab Territory
see under the following numbers: 31; 339.01;
363.8; 641.7; 678.6; 641.43; 633.113; 636.1;
644.8; 646.2

(671.16) Gorno-Alai Autonomous Province
see under the following number: 37

(671.16) Turkic Province
see under the following numbers: 371.7; 643; 676.8;
606; 612.017; 618.6; 618.8; 618.9; 618.908

(671.17) Krasnoyarsk Province
see under the following numbers: 641.7; 682; 632.2;
646.8

(671.18) Krasnoyarsk Territory
see under the following numbers: 386.1; 386; 641.2;
641.7; 688; 671; 641.1; 641.31; 644.1; 637.6;
631.4; 711.4; 640.26

(671.21) Taymyr National Area
see under the following number: 641.6

(671.22) Tova A. S. S. R.
see under the following number: 641.7

(671.23) Irkutsk Province
see under the following numbers: 680.6; 612.7;
637.8

(671.24) Buryat A. S. S. R.
see under the following numbers: 321.1; 631.2;
641.7; 638.4; 78

(671.26) Chita Province
see under the following numbers: 649; 680.8;
641.2; 641.7; 643

(671.28) Yakut A. S. S. R.
see under the following numbers: 640.2; 641.2;
641.8; 643; 671; 614.3; 631.8; 631.701; 63;
631.4; 68

(671.8) Sakhalin Far East
see under the following numbers: 671; 651; 641.9;
682; 631; 7.0

(671.61) Amur Province
see under the following numbers: 612.1; 639.6;
636.6

(671.62) Khabarovsk Territory
see under the following number: 641.7

(671.63) Maritime Territory
see under the following numbers: 641.7; 646.1;
641.946; 738

(671.661) Chukotka National Area
see under the following numbers: 678.8; 74; 78

(671.66) Kamchatka Province
see under the following numbers: 640; 641.7

(674) Kamik S. S. R.
see under the following numbers: 62; 172.1; 612;
612.3; 338.01; 631; 331.7; 641.07; 336.3;
371; 371.6; 372.6; 374; 363; 456; 618.5;
640.84; 640.4; 640.8; 641.43; 641.6; 631.7;
641.8; 643; 643; 676.8; 649; 612.6; 614;
614.7; 618.3; 618; 617.7; 641.31; 631.33;
632.3; 632.7; 632.8; 634; 634.1; 637.6; 63;
631.4; 633.1; 633.6; 633.1; 638.88; 640.3;
64; 646; 646.1; 646.2; 711.2; 711.4

(676) Central Asia
see under the following numbers: 641.7; 646.8;
641.6; 632.2; 636.1; 621.4; 636.34

(676.1) Uzbek S. S. R.
see under the following numbers: 62; 336.1; 646.42;
646.1; 640.8; 641.1; 641.7; 674.6; 641.9;
641.3; 641.4; 640.2; 621.6; 623.7; 633; 633.9;
633; 634.0; 636.3; 64; 646.8; 646.8; 711.4;
711.6; 611

(676.2) Kirgiz S. S. R.
see under the following numbers: 641.6; 621.39;
631.977; 644.1; 644.6; 611

(676.3) Tajik S. S. R.
see under the following numbers: 62; 378; 617;
641.311; 610

(676.4) Turkmen S. S. R.
see under the following numbers: 384.1; 318.8;
344.2; 640.4; 641.7; 643; 641.2; 631.311;
632.3; 632.9; 640.80; 64

(681) Afghanistan
see under the following number: 327

(687) Vietnam
see under the following numbers: 32; 78; 94

(687.7) North Vietnam
see under the following number: 348

(6) Africa
see under the following numbers: 61; 323.1;
323.2

(68) Northeast Africa, Egypt and Sudan
see under the following numbers: 34; 373

(62) **Bhutan**
see under the following numbers: 888.8; 910

(63) **West and North Central Africa**
see under the following numbers: 617.7; 63; 73

(67) **Equatorial, South Central and East Africa**
see under the following numbers: 323.3; 327;
338.4

(68) **Southern Africa (including Rhodesia)**
see under the following numbers: 323.1; 323.2;
327; 351; 348.63

(71) **Canada**
see under the following numbers: 336.61; 615.006;
634.3

(72) **Mexico**
see under the following numbers: 308; 910

(723.1) **Cuba**
see under the following numbers: 336; 368;
681.44

(73) **United States of America**
see under the following numbers: 31; 333; 334;
337; 31; 331.881; 335.44; 344; 345.7; 353.4;

(8) **South America**
see under the following numbers: 334; 337

(81) **Brazil**
see under the following numbers: 331.821; 336.46;
338.9

(83) **Chile**
see under the following number: 680.8

(87) **Venezuela**
see under the following numbers: 334; 622.3

(816) **Indonesia**
see under the following numbers: 323; 323.18; 327;
336.64; 64

(814) **Philippines (Republic)**
see under the following number: 327

(84) **Antarctica (Commonwealth)**
see under the following number: 638

(97) **Polar regions**
see under the following numbers: 650.3; 614.3;
610

(86) **Arctic and North Polar regions**
see under the following numbers: 660.2; 661.8;
661.6; 661.6; 662.4; 634.3; 61

(88) **Antarctica. South Polar regions**
see under the following numbers: 308; 650.3;
660.34; 664; 661.3; 661.8; 676.8; 682; 683.3;
682.3; 683.3; 910

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress.

IN ENGLISH

2. BIBLIOGRAPHY

- KATZ, ABRAHAM ISAAC, 1904-
Catalogue of Hebrew manuscripts preserved in the USSR. Acquired for reference by Abraham I. Katz. New York, New York University Library of Judaica and Hebrew, 1967-68 [pt. 2, 1968]. 2 pts. facsimile. 30 cm. (New York University Libraries. Occasional papers, no. 3-4.)
Z874 .K47 no. 3-4 79-207343
- KERBER, ROBERT JOSEPH, 1897-1964.
Northwestern Asia, a selected bibliography; contributions to the bibliography of the relations of China, Russia, and Japan, with special reference to Korea, Manchuria, Mongolia, and eastern Siberia, in Oriental and European languages. New York, B. Franklin [1964] 3 v. 23 cm. (Burt Franklin bibliography & reference series, 300)
E830L K28 1968 68-54000

3. PHILOSOPHY & RELIGION

- CHADADEV, PETR IAKOVLEVICH, 1794-1864.
The major works of Peter Chadaev. A translation and commentary [by] Raymond T. McNally. Introd. by Richard Pipes. Notre Dame, Ind., University of Notre Dame Press, 1969. xix, 262 p. 24 cm.
B4233.C63K3 69-20437
- COLE, MICHAEL, 1938-
A handbook of contemporary Soviet psychology. Edited by Michael Cole [and] Irving Malinova. Foreword by A. N. Leont'ev, A. R. Luria, and A. A. Sokolov. New York, Basic Books [1969] xviii, 687 p. 24 cm. Based on *Psichologicheskaia nauka v SSSR*.
B7304.B6C3 68-54138
- KLINE, GEORGE LOUIS, 1921-
Religious and anti-religious thought in Russia [by] George L. Kline. Chicago, University of Chicago Press [1969] 179 p. 21 cm.
BR596.K54 68-54494

4. HISTORY

- CARR, EDWARD HALLAM, 1892-
1982: before and after [by] E. H. Carr. London, Melbourne [etc.] Macmillan, 1966. viii, 178 p. 23 cm. D636.C37
E83333-C3954-6 74-375403
- KROPOTKIN, PETER ALEKSEYEVICH, 1868-1921.
Memoirs of a revolutionist. New York, Horizon Press [1968] xxxviii, 618 p. 24 cm.
E839A.K32 1968 68-54138
- LEVINE, ISRAEL, E.
Levin, the man who made a revolution, by I. E. Levine. New York, Masson [1969] 180 p. 21 cm. D6334.L4L62 68-54138
- LIVENWODE, DOUGLAS, 1913-
Levin, genius of revolution. New York, F. Watts [1968] 180 p. 21 cm. D6334.L4L62 68-54138
- STRANG, WILLIAM STRANG, Baron, 1893-
The Moscow negotiations [1939] by Lord Strang. Leeds, U. P., 1968. [2], 24 p. 21 cm. (Bibliographic Series lectures on international relations, 28)
JX1906.S8 no. 28 79-27921

5. SOCIAL SCIENCES

- CLAIRMONT, CLARA MARY JAMES, 1794-1879.
The journals of Claire Clairmont. Edited by Marion Kingston Stocking, with the assistance of David Mackenzie Stocking. Cambridge, Harvard University Press, 1968. xi, 871 p. 24 cm.
PR3423.C3 1968 68-19634

CONQUEST, ROBERT.

Agricultural workers in the U. S. & R., edited by Robert Conquest. New York, Praeger [1964] 190 p. 22 cm.
HD6039.A36R743 1964b 68-54138

HAYWOOD, RICHARD MOWBRAY.

The beginnings of railway development in Russia in the reign of Nicholas I, 1825-1854. Durham, N. C., Duke University Press, 1968. xvii, 270 p. 22 cm.
HE3233.H33 68-57373

KARPOF, ALLEN, ed.

Prospects for Soviet society, published for the Council on Foreign Relations by Paul Mall P., 1968. x, 543 p. 22 cm.
D6374.K3 1968b. K3 71-37836

LEVIN, VLADIMIR IL'ICH, 1870-1914.

What is to be done? Burning questions of our movement. [Translated by J. Fineberg and G. Ilanov, edited by V. J. Jerome] New York, International Publishers [1968] vi, 184, [1] p. 21 cm. (New World paperback, NW-107) Translation of *Chto dela?'*
HE324.L243 1968 68-54138

REVE, KARL VAN HET, comp.

Dear comrades! Pavel Litvinov and the voices of Soviet citizens in dissent. Edited and annotated by Karl van het Reve. New York, Plenum Pub. Corp. [1969] xvi, 199 p. 26 cm.
D6374.R23 1968 71-79048

RUSINA (1963- U. S. & R.)

The USSR GOVTWOMAN Statement on principal questions of home and foreign policy, speech by the chairman of the USSR Council of Ministers A. M. Khegyla at the Session of the USSR Supreme Soviet on August 3, 1964. Statement of the USSR Supreme Soviet in connection with intensification of American imperialist aggression in Vietnam. [Moscow] Novosti Press Agency Pub. House [1964] 47 p. 17 cm. Translation of *Myshlenie Pravitel'stva SSSR ob osnovnykh voprosakh razvitiia i vneshnei politiki*.
E8334.R2.A63 71-37834

SHREINER, ALICE, comp.

Social thought in the Soviet Union. Chicago, Quadrangle Books [1969] 430 p. 25 cm.
E83.R58 68-54448

6. POLITICAL SCIENCE

COLE, ALBERT.

Whisky days in Prague and Moscow, November 1964; report of Albert Cole and Ombrose Pell to the Committee on Foreign Relations, United States Senate. Washington, U. S. Govt. Print. Off., 1965. 31, 7 p. 24 cm.
D6384.C6 75-000670

JACKSON, D. BRUCE.

Castro, the Khrushchev, and communism in Latin America [by] D. Bruce Jackson. Baltimore, Johns Hopkins Press [1968] vi, 163 p. 21 cm. (Washington Center of Foreign Policy Research. Studies in international affairs, no. 9.)
F1770.J3.B573 68-54448

JONES, ROBERT HUGH, 1917-.

The roads to Russia. United States lead-lease to the Soviet Union. With a foreword by Edgar L. Erickson. [1st ed.] Norman, University of Oklahoma Press [1968] xiv, 136 p. 21 cm.
K162.J6.K375 68-19679

LENNIN, GEORGE ALEXANDER, 1870-.

Japanese diplomatic and consular officials in Russia: a handbook of Japanese representatives in Russia from 1874 to 1944; compiled on the basis of Japanese and Russian sources with a historical introduction. Tokyo, Sophia University in cooperation with the Diplomatic Press, Tallahassee, Fla. [1964] 230 p. 27 cm.
JX1961.A37 1968 68-54000

LENNIN, GEORGE ALEXANDER, 1870-.

Russia diplomatic and consular officials in East Asia: a handbook of the representatives of Soviet Russia and the provisional government in China, Japan, and Korea from 1864 to 1924 and of Soviet representatives in Japan from 1925 to 1944; compiled on the basis of Russian, Japanese and Chinese sources with a historical introduction. Tokyo, Sophia University in cooperation with the Diplomatic Press, Tallahassee, Fla. [1968] vii, 204 p. 27 cm.
JX1967.A3 1968 68-54000

MUTTER, G. WARREN.

The strange world of Ivan Ilyich, by G. Warren Mutter. New York, World Pub. Co. [1968] 14 p. 18 cm.
JC509.R5N6 68-1424

U. S. Transition, etc. Russia (U. S. & R.), July 1964.

Cultural relations: exchanges in the economic, technical, educational, cultural, and other fields 1965-1969. Agreement between the United States of America and the Union of Soviet Socialist Republics, signed at Moscow, July 16, 1964, with annex. [Washington, For sale by the Dept. of State, U. S. Govt. Print. Off., 1968] 80 p. 24 cm. (Treaties and other international acts series, 679)
JX333.R.A52 no. 6479 75-00068

WOLFE, THOMAS W.

The Soviet Union six months after Khrushchev's fall [by] Thomas W. Wolfe. [State Mexico, Cal.] Rand Corp. 1964. 87 p. 24 cm. (Rand Corporate Paper) P-8180
A554.W38 no. 6120 75-344

8. EDUCATION

ALSTON, PATRICK L.

Education and the State in Soviet Russia [by] Patrick L. Alston. Stanford, Cal., Stanford University Press, 1968. ix, 223 p. 24 cm.
LC58.R5A6 68-54779

WADN, R. G.

Soviet chaos, compiled by R. G. Wadn. [et al.] American ed. New York, D. McKay Co. [1968] 188 p. 21 cm.
GV1360.W3W3 1968 75-123

11. LANGUAGE, LITERATURE & FOLKLORE

BLOK, ALEKSEANDR ALEKSEANDROVICH, 1880-1912.

Selected poems of Aleksandr Blok; edited by James D. Woodward. Oxford, Clarendon P., 1968. vii, 186 p. 21 cm.
PG463.B5A5 75-7388

BLOK, ALEKSEANDR ALEKSEANDROVICH, 1880-1912.

The twelve [by] Aleksandr Blok. Translated from the Russian by Ellen Aronson. (Am Arbor, Mich., Ann Arbor review, 1968) U. P. 21 cm. Translation of *Dvenadtsat'*.
PG463.B5A5 1968 68-54000

DAVIS-POYNTER, R. G. comp.

For freedom, Oeuvres and Ours; an anthology of Russian writing. Edited by R. G. Davis-Poynter. 1968 as introductory essay by Michael Foot. New York, Stein and Day [1968] 106 p. 21 cm.
PG323.D3 1968 68-7573

GERMET, MYA VLADIMIROVNA, 1904-.

Katya and the crocodile, by M. Gernmet and G. Jagfeld; translated from the Russian by Helen Corrin, illustrated by Paula Nightingale. Germet Cross, Smyth, 1968. 104 p. 21 cm.
P37.G363G3 74-3288

GILLIS, DANIEL.

Chelkovi: observer without illusion. Translated by Charles Lam Markman. New York, Putnam [1968] 480 p. 24 cm. Translation of *Tshelkovi*.
PG463.G563 68-1968

POCKET ENGLISH-RUSSIAN DICTIONARY. Karmanov's anglo-russkii slovar'. 1900 slov. Short. O. P. Benichuk. I. O. V. Chernov. Ed. T. A. Moskva, "Nov. slovarskaya," 1965. 247 p. 8 cm. P03240. K26 1965 77-37528

SEADURA, GLADIMIR, 1910- Dostoyevski in Russian literary criticism, 1846-1946, by Vladimir Seadura. New York, Octagon Books, 1969 [1967] xii, 413 p. 24 cm. P03328. Z0637 1969 70-75006

SEMONOV, KONSTANTIN MIKHAILOVICH, 1915- The living and the dead [by] Konstantin Simonov. Translated from the Russian by R. Almerstein. [1st ed.] New York, Greenwood Press, 1968 [1963] 363 p. 24 cm. Translation of *Zhivye i merytye*. P23. S032814 68-84438

12. GEOGRAPHY & GEOLOGY

BROWMAN, LAZAR' KONSTANTINOVICH. On the top of the world; the Soviet Expedition to the North Pole, 1937 [by] L. Browman. Edited and with a foreword by O. J. Schmidt. New York, Greenwood Press, 1968 [1937] 287 p. 23 cm. Q010. B587 1968 68-85180

JACKSON, WILLIAM ARTHUR DOUGLAS, 1923- Soviet Union [by] W. A. Douglas Jackson. Grand Rapids, Fiedler Co. [1963] 206 p. 23 cm. D03617 1968 68-30840

SETTLER, WILLIAM F. Life under communism, by William F. Settler. [Chicago, Adams Press, 1968] v. 1, 18 cm. D036. S65 68-15019

SHENWOOD, DEBBIE. A redhead in Red Square. New York, Dodd, Mead [1969] 918 p. 24 cm. D036. S6333 68-15050

WIKER, ELLIENOR. The Jews of silence: a personal report on Soviet Jewry, by M. Wiker [translated from the Hebrew] by Naomi Kosov. London, Vallentine, Mitchell, 1968. 180 p. 23 cm. D035. W575 1968 78-375043

13. SCIENCE

AKADEMIA NAUK SSSR. *Otdelenie obshchego i tekhnicheskogo khimii*. Coprecipitation and adsorption of radioactive elements (Sobremennye i adsorbiruyemye radioaktivnykh elementov) Chief editor: V. M. Vdovenko. Translated from Russian [by A. Almerstein] Jerusalem, Israel Program for Scientific Translations [available from U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1967. vii, 223 p. 24 cm. Q080. A3713 78-500328

BRNO, LEV SEMENOVICH, 1878-1960. Monogenesis or, Evolution determined by law [by] Lee S. Brno. Translated from the Russian by J. M. Rostovsky. Introd. by D'Arcy Wentworth Thompson. Cambridge, Mass., M. I. T. Press [1968] xiv, 477 p. 20 cm. Translation of *Monogenes ili razvitiye na osnovu zakona monogeneticheskogo*. Q136. B4415 1968 68-36374

BOGOLIMOV, NIKOLAI MIKHAILOVICH. Lectures on quantum statistics, by N. M. Bogolimov [translated from the Ukrainian] English edition revised by N. M. Bogolimov, edited by L. Klein and S. Ghosh. London, Moleculon, 1966- v. 24 cm. Translation of *Lektsii o kvantovoi statistike*. Q014. B13413 78-377703 ISBN 306-62841-0

BOYLAN, LEE. Soviet-Bloc oceanographic instrumentation [Washington] Aerospace Technology Division, Library of Congress, 1968. i, 83 l. 27 cm. (ATD report 68-100) Z063. B2. A2 no. 68-100 68-64470

FASTOVSKII, V. G. Inert gases. (Inertnye gazy). [By] V. G. Fastovskii, A. E. Revinskii and Yu. V. Petrovskii. Translated from Russian [by J. Schmorak] Jerusalem, Israel Program for Scientific Translations [available from the Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1967. iv, 273 p. 24 cm. (ANC-tr-6726) Q014. F313 68-63090

FETUL', VIKTOR IL'ICH, 1927- Heavily doped semiconductors [by] Viktor I. Fetul'. Translated from Russian by Albin Tybelovsk. New York, Plenum Press, 1966. xi, 413 p. 24 cm. (Monographs in semiconductor physics, v. 1) Translation of *Glyboko dopirovannye poluprovodniki*. Q014. F4763 68-38004

GEL'FAND, ISRAEL' MOISEVICH. Representation theory and automorphic functions [by] I. M. Gel'fand, M. I. Graev [and] I. I. Pyatetskii-Shapiro. Translated from the Russian by K. A. Hirsch. Philadelphia, Saunders [1968, 1969] xvi, 430 p. 24 cm. Translation of *Teoriya predstavlenii i avtomorfnykh funktsii* [published in 1964 as v. 6 of the author's *Obozracheniya* (edits.)]. QA321. G5763 68-24327

GLAZOV, VASILII MIKHAILOVICH. Liquid semiconductors [by] Vasilii M. Glazov, Svetlana M. Chikharova and Mikhaila M. Chikharova. Translated from Russian by Albin Tybelovsk. New York, Plenum Press, 1966. xii, 363 p. 24 cm. (Monographs in semiconductor physics, v. 2) Translation of *Zhidkie poluprovodniki*. Q014. G4063 68-21237

KONDRAT'YEV, KIRILL LAZAR'EVICH. Radiation in the atmosphere, by K. Yu. Kondrat'ev. New York, Academic Press, 1968. xvi, 513 p. 24 cm. (International geophysics series, v. 13). Q011. K5263 67-23263

LAVRENT'EV, MIKHAIL MIKHAILOVICH. Some improperly posed problems of mathematical physics [by] M. M. Lavrent'ev; translation revised by Robert J. Seiler. Berlin, Heidelberg, New York, Springer-Verlag, 1967. 73 p. illus. 24 cm. (Springer tracts in natural philosophy, v. 11) Translation of *O nekorrektno postavlennykh zadachakh matematicheskoi fiziki*. Q014. L3463 67-13073

LUTYIA, NIKOLA PIKTOV, [Lutvi], 1901. Structure of complex nuclei; lectures presented at an International Summer School for Physicists. Edited by M. M. Bogolyubov. Translated from Russian. New York, Consultants Bureau, 1968. vii, 217 p. 23 cm. Translation of *Struktura slozhnykh yadrov*. Q013. L5663 1968 68-14410

MAZOKHIN-PORSHENIAKOV, OKROKH ALEKSANDROVICH. Insect vision [by] Georgii A. Mazokhin-Porshenikov. Translated from Russian by Roberto and Liliana Mastrol. Translation editor: Timothy H. Chalkin. New York, Plenum Press, 1966. xiv, 366 p. 24 cm. Translation of *Svetovoe zreniye*. Q075. M3663 67-10310

PETROV, ALEKSEI KINOVIYEVICH. Einstein's theory, by A. K. Petrov. Translated by R. F. Kallcher. Translation edited by J. Woodrow. [1st English ed.] Oxford, New York, Pergamon Press [1968] xii, 411 p. 23 cm. Translation of *Problemy teorii*. Q014. P4713 67-22712

TRIFONOV, DIMITRII MIKHAILOVICH. Problems in the study of rare earths. Problems rezhikh zemel'. [By] D. M. Trifonov. Translated from Russian [by J. Schmorak] Jerusalem, Israel Program for Scientific Translations [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1966. vi, 144 p. 24 cm. (U. S. Atomic Energy Commission, AEC-tr-6626) Q013. TR763 68-02240

VEDENOV, A. A. Theory of turbulent plasma (Teoriya turbulentsoi plazmy) [by] A. A. Vedenov. Translated from Russian [by E. Lerman] Jerusalem, Israel Program for Scientific Translations [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1966. iv, 64 p. 24 cm. Q013. V3213 1966 78-608783

WATER IN BIOLOGICAL SYSTEMS. Edited by L. P. Karyulis. Translated from Russian. New York, Consultants Bureau, 1966. viii, 113 p. 23 cm. Q010. W4313 68-12113

14. MEDICINE

LYSEVITSKY, M. M. A translation of *Tikhonov's rickettsiosis* [by] M. M. Lysevitsky. Translated by Maria Tital. Translation edited by Harry Boogstraal. [College Park, Md., Entomological Society of America, 1968] 41-140 p. 27 cm. (Entomological Society of America, v. 8, no. 2). Q014. L5663 vol. 8, no. 2 71-30065

15. TECHNOLOGY

DONCOV, BORIS. Computer technology. [Washington] Aerospace Technology Division, Library of Congress, 1968. v. 14 l. 27 cm. (ATD report 68-18-57-3) Z063. D2. A2 68-62438

FEDOSOV, VSEVOLOD IVANOVICH. Strength of materials [by] V. Fedosov. Translated from the Russian by M. Broyeva. Rev. ed. Moscow, Mir, 1968. 170 p. illus. 23 cm. Translation of *Prochnost' materialov*. TA406. F413 1968 77-37743

KRIVOSHEIN, MARK MOISEVICH. Television measurement methods and devices. (Sposoby izmereniykh parametrov) [By] M. I. Krivoshein. Translated from Russian [by V. Weidman]. Edited by E. Gross. Jerusalem, Israel Program for Scientific Translations [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, V. A.] 1967. ix, 174 p. 24 cm. TD5043. K763 68-62053

POGORILOV, A. V. Shells of positive Gaussian curvature under postcritical deformations. (Sirogo vypuklyye obolochki pri nachriticheskikh deformatsiyakh). By A. V. Pogorelov. Translated from Russian [by M. Fried] Jerusalem, Israel Program for Scientific Translations [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1967. v. 24 cm. (NASA TT F-444) TL507. U743 no. 444, etc. 70-60104

ROSENBERG, LAZAR' DAVYDOVICH, 1908- Sources of high-intensity ultrasound. Edited by L. D. Rosenberg. Translated from Russian by James R. Wood. With a foreword by J. V. Boykova. New York, Plenum Press, 1967. v. 24 cm. Translation of *Izobrazheniya vysokochastotnykh zvukov*. TA351. R563 68-31240

SLUKHAI, IVAN ANDRIYEVICH. Russian rocketry, a historical survey. (Rukety i traditsii). [By] I. A. Slukhai. Translated from Russian [by E. Villan. Edited by P. August] Jerusalem, Israel Program for Scientific Translations [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1968. 149 p. 24 cm. (NASA TT F-435) TL507. U743 no. 435 68-62783

STEBLEK, GEORGE. Ground based sensors. [Washington] Aerospace Technology Division, Library of Congress, 1968. 8 l. 27 cm. (ATD report 68-93) Z063. S2. A2 no. 68-93 68-62432

TIKHORIK, IURI ALEKSANDROVICH. Transistors in pulse semiconductor diodes [by] Yu. A. Tikhorik. Translated from Russian by Y. Shchekina. Translation edited by I. Meron. Jerusalem, Israel Program for Scientific Translations, 1968. iv, 148 p. 23 cm. Translation of *Paradiyevy protsessy v impul'snykh poluprovodnykh diodakh*. TD571. T5713 74-2663

VARGEN, V. V. Technology of animals, by V. V. Vargen. Translated from the Russian and edited by Kenneth Shaw. New York, Hart Pub. Co. [1968, 1967] vii, 250 p. 24 cm. Translation of *Tekhnologiya zhivotnykh i zhivotnyye metally*. [1968] 78-3237

17. MILITARY & NAVAL SCIENCES

LET THE RECORD SPEAK FOR ITSELF. (Frankfurt a. M.) Poesse, 1965. 137 p. 21 cm. UB571. R514 71-37574

IN OTHER WESTERN EUROPEAN LANGUAGES

2. BIBLIOGRAPHY

MULLER, FREDERIK, 1817-1888. Essai d'une bibliographie abrégée de livres, catalogues d'une collection remarquable de livres, atlas, cartes, portraits, planches, manuscrits hollandais, et de plusieurs livres étrangers, tous conservés en Russie et en Pologne... la liste recueillie, décrite, et offerte aux prix marqués par F. Muller. Amsterdam, N. Israel, 1960. vii, 174 p. 23 cm. Z063. M5 1960 71-37068

4. HISTORY

- DRABKIN, IAKOV SAMONOVICH.
Die November-Revolution 1918 in Deutschland [von]
J. S. Drabkin. [Aus dem Russischen übertragen von
Kurt Wark, 1. Aufl.] Berlin, Deutscher Verlag der
Wissenschaften, 1965. 803 p. 22 cm. Translation of
Oktyabr'skaya revolyutsiya v Germanii.
DRAKIN, IAKOV 70-273660

- FLEMING, PETER, 1807-
Le Destin de l'Amiral Kolchak. [Traduit par
Camille Laurent.] [Paris,] Plon, 1957. 348 p. M. con.
Translation of The Fate of Admiral Kolchak.
DSC6, F4614 74-376398

- GREY, MARTHA.
Les Armoies blanches [par] Martha Grey et Jean
Bourdier. Paris, Stock, 1934. 267 p. 23 cm.
DK364.2.G7 78-27273

- GRÜNTHER, HEINZ, 1941- 3024
 (Background: Portrait eines Mann, Interno einer
 Schlacht, Protokoll eines Wundarztes. Hing. von
 Edwin G. Krausnik. [Dayton, Ohio: Verlag, 1948]
 Mi p. 84 cm.
 DT64.3.6704 74-37325

- KOROTKII, ALEXANDER FEDOROVICH, 188-
La Russie au tournant de l'histoire [par] Alexandre
Korotki. (Traduit par E. Molp.) [Paris.] Pica,
1967. 680 p. 20 cm. Translation of Russie et
l'histoire au tournant.
DUEBA 123414 TI-37423

- MEKHNICOV, DANIIL EFIMOVICH.
 No. 3. [Fingerprint] Juli 1844. Legende und Wirk-
 lichkeit. [Von Damiil Mekhnicov, (Ihre Durchlaucht
 Herrschaft von Friedrich-Russk.) Adlt & Fideles
 & 3 Abbildungen. 3. Aufl. (Übersetzung der Vor-
 zugsweise russischen) Berlin, December Jahrgang
 der Wissenschaften, 1807. 304 p. 24 cm. Trans-
 lation of Zhivogo drevnostopisaniia 1844 goda y
 Germani.
- DUESS 3. 2418 1807 70-574908

H. SOCIAL SCIENCES

- APPROVED, ROOMNY.
El pensamiento de Lenin y la revolución latino-
americana. [Monografía, Ediciones de la Comisión
de Propaganda del Partido Comunista, 1966] 47 p.
24 cm.
HX44.A74 72-2786-1

- DAN, FREDOR IL'YON, 1871-1947.
Der Ursprung des Bolschewismus; oder Geschichte
der demokratischen und sozialistischen Idee in Ruß-
land nach der Enzyklopädie (von) Theodor Dan.
[Aus dem Russischen übertr. von Agnes Schwan-
scheidt] Hannover, Dietz [1938] 361 p. 24 cm. Trans-
lation of Proletarianism in Bolshevism.
H. 31.1.133 78-378378

- LEVIN, VLADIMIR IL'ICH, 1870-1964.
León y las concepciones al capital extranjero.
Recopilación y prólogo [por] Juan José Ruiz. (Buenos
Aires) Editorial J. Alvarez [1965] 188 p. 20 cts.
HCB47L L47 74-37243

- SPERONI, MIGUEL ANGEL, SOL-
El Bora y los guardarnas. Buenos Aires,
Rachette [1948] 230 p. 20 cm.
HX40.27 72-377726

6. POLITICAL SCIENCE

- REGIMINARY, VICTOR.
Le réalisme chronocritérien. (La politique
soviétique au Proche-Orient.) Mémorial, Ed. de la
Bibliothèque, 1964, 206 p. 22 cm.
D881.2 R8377
TI-27482

7. LAW

- WESTEN, KLAUS.
Die Kommunistische Partei der Sowjetunion und
der Sowjetstaat eine verfassungsgeschichtliche Untersu-
chung. Köln, Verlag Wissenschaft und Politik [1964]
248 p. 23 cm. (Abhandlungen zum Ostrecht, Bd. 6)
LAW 72-572623

11. LANGUAGE, LITERATURE & FOLKLORE

- REK, ALEXANDER AL'FREDOVICH, 1908-
Die Weiblichkeits Chances, von Alexander Reik.
(Aus dem Russischen Übers. von Rachel Wittenberg.)
(Berlin) Deutscher Militärverlag (1944). 688 p. In cm.
Translation of *Female sexual chances*.
PC2478. B36795 71-378378

- CHERNENOV, V. I.
Russische Volkedichtung [von] Vladimir Tschichov-
rov. Redigiert von Erhard Henschelwelder. [Aus dem
Russischen Übers. von Annemarie Henschelwelder]
Berlin, Akademie-Verlag, 1944. 244 p. 16 cm.
(Deutsche Akademie der Wissenschaften zu Berlin.
Veröffentlichungen des Instituts für deutsche Volkskunde
Bd. 44). Translation of Russische Volksdichtung.
44p. 1945. 16-37421

- CHYKHEVYKYL, DMYTRO, 1864-
Abriss der ukrainischen Literaturgeschichte [von]
Dmitrij Tschikowitsch, Mikschan, W. Fink [1964] 12 p.
25 cm. (Forum Slavicum, Bd. 4)
PC880.4.048 78-277487

- MEKHENBAUM, BORIS MEKHANLOVICH, 1888-1944.
Il giovane Tolstói, La teoria del metodo Averul.
[D] Boris Mekhenbaum. Bari, Deposito, 1944.
123 p. 20 cm. Il giovane Tolstói was originally
published under title: Molodoi Tolstói.
DQ-13. 1944 71-37603

- HANDSON, HAMOKA.
Großwörterbuch, nicht: Frühliches Kinderspiel mit
Lied und Bewegung nach Leo Tolstois Märchen "Die
Elche". Von Hanna und Wolf Handson, Weiskopf,
Bergair, Deutscher Lektoren-Verlag [1967]. 16 p.
18 cm. (Die Schatzkiste, Band 311)
Pp222. A-4204 Bat: 311 71-37796

- PAUSTOVSKI, KONSTANTIN GEORGEVICH, 1902-1968
Der letzte Teil. Bräunungen. (Von Konstantin
Paustowski. (Übersetzung: Johannes von Geisler.)
(Erscheinung: München, Langewiesche-Brandt,
1967.) 101 p. 18 cm. Added t. p.: Football sport.
Rounded with German translation on opposite page.
PGM79, PMA6 1962 75-378678

- Historia de un entomólogo [por] Eliaza Acosta.
Buenos Aires, Ejecutivo Sudamericano del Congreso
Jadón Mundial, [1967] 38 p. 30 cm. (Biblioteca
popular Jadón. Colección Baches de la historia i patria, 4.)
PUEBLO, IL 85 74-378658

- SOLOUKHIN, VLADIMIR ALEXANDROVICH.
Des Arbres saisis et drois [par] Vladimir
Soloukhine. Traduit du russe par Annie Meynioux.
[Paris,] Gallimard, 1943. 320 p. 21 cm. Translation
of *Arbres saisis et drois*.
PC-979, 97982-4 75-378803

- SOLZHENITSYN, ALEXANDR ILEVICH, 1918-
Le Pavillon des ennemis [par] Alexandre
Solzhenitsyn. [Traduit du Russe] Paris, Julliard, 1964.
786 p. 2 cm. Translation of Iskoyti lyubim.
PG344, O4934 75-37643

- TRONÖPL, GARDN.
Vysokáry trnov; Dichtung und Dichtungstheorie.
München, G. Sagner, 1900. 226 p. 21 cm. (Minviati-
sche Beiträge, Bd. 30)
PG3487, 1: 222 78-378120

12. GEOGRAPHY & GEOLOGY

- TESCHKE, HANS JURGEN.
 Wörterbuch der Geowissenschaften, Deutsch-
 Russisch. Berlin, Akademie-Verlag, 1968. xli, 606 p.
 24 cm.
 Q97. T47 1968 72-375373

11. SCIENCE

- ALEXANDROV, PAVEL SERGEEVICH, 1896.
Einführung in die Mengenlehre und die Theorie
der reellen Funktionen. Von P. E. Alexandroff.
(Übersetzung aus dem Russischen; Manfred Perkal
und Wolfgang Rittner.) Mit 28 Abbildungen. 8. Aufl.
Berlin, Deutscher Verlag der Wissenschaften, 1947.
xii, 270 p. 24 cm. (Hochschultaschenbücher 105.)
Bd. 23. Translation of Vvedeniye v teoriyu mnogo-
stey i teoriyu funktsiy.
GATE ARS 1947 15-31440

- АУДАБАН ВОН МАТМАТИКАТИКОВЫН ПЛАКОН ИДЕР
 ТУУСАН УМД ИДЕР ОХИЛ. [Иргэ: 1960-1971]
 (Урсан: Ван Дорис-Урмал, Фил и Милк Фил)
 Берлин, Вольк и Вилсон, 1974. 263 п. 34 см.
 Трансформация и факторизация полиномиальных
 выражений и алгебры. [Иргэ: 1971-1974]
 М. В. Вильямс и А. А. Копоров, ред. и О. В. Вильямс
 математический олимпиады и Олимпиады математический
 олимпиады Р. Копорова.
- QA 42. A95 70-379378

- GIUNTER, NIKOLAI MAKSEDOVICH, 1871-1941.
Anfangsbestimmung zur Höheren Mathematik.
Von M. M. Giunter und R. G. Krasin. (Übersetzung
aus dem Russischen: A. Beck [u.a.] S. 6., bearbeitet
A. L. Berlin, Deutscher Verlag der Wissenschaften
VEB, 1968. - 24 cm., (Rechenkalender für
Mathematiker, Bd. 33-44. 60 v. J.). Translation of
Nачало анализа по высшей математике.
Q143 .A4573 14-37767

18. TECHNOLOGY

- KRUGER, JAKOV MARVICH.
Theorie und Anwendung der Symboliktautologie. Bei-
trag zu den allgemeinen Grundlagen der Sprache mit
begrenztem Alphabet. [Von] J. M. Krugier, V. P. Ju-
wiew [und] G. Wensch. (Übers. v. M. Frenkel. [Draht-
und org. von G. Wensch.] Berlin, Verlag Technik 1966,
148 p., 20 cm. Rev. and anal. translation in part.)
Moskva: Izdatel'stvo fizmatgiz, 1967. 171 p.

- SCHÄFER, FRIEDRICH, H22-
 Erdöl - Kräfte: Kinetische, Elektr., Fördern,
 russisch-deutsche, deutsch-russisch. Abg. von
 Friedrich Schäfer, Berlin, Verlag Technik (1944)
 180 p., 22 cm.
 78083.53 78-375150

17. MILITARY & NAVAL SCIENCES

- BRONKA-PAMPOUH, WANDA, comp.
Goldsteins Armen. Low Nimm! Die Affäre Tschet-
schenwitz, General Gribulow! Vierzig Jahre
Übers., krieg. und mit einem Nachwort versehen von
Wanda Bronka-Pamposh. (Die deutsche Ausg. wird
in gekürzter Fassung veröffentlicht.) Berlin,
Propyläen Verlag (1906). 207 p. 8 cm.
DM 1.25 77-31831